

PROGRAMA SANIDAD VEGETAL



"Picudo del Algodón (Anthonomus grandis)."

Bibliografía parcialmente anotada.

IICA



Digitized by Google

IICA
371-527.
C. 2.

INSTITUTO INTERAMERICANO DE COOPERACION PARA LA AGRICULTURA - OEA

PROGRAMA DE SANIDAD VEGETAL

Serie de Publicaciones Misceláneas N° 527

Centro Interamericano de
Documentación e
Información Agrícola

17 DIC 1984

IICA - CIBIA

"Picudo del Algodón (Anthonomus grandis)."

Bibliografía parcialmente anotada.

~~00000578~~

~~003339-~~

Tabla de Contenido

Nº Página.

| | |
|-------------------------|-----|
| I. REFERENCIA. | 1 |
| II. DIRECTORIO. | 145 |
| III. INDICE DE AUTORES. | 153 |

P R E S E N T A C I O N

A principios del año 1983 se produce la introducción del Picudo del Algodonero (Anthonomus grandis Boheman) en importantes zonas productivas de este cultivo en el Brasil, causando una profunda alarma a los productores y autoridades como asimismo en aquellos países linderos a éste y que comparten una región con características agroecológicas similares.

Al respecto es de destacar la firme decisión y las acciones tomadas por el Ministerio de Agricultura del Brasil dirigidas a obtener un control de este flagelo y encaminadas a la erradicación de una plaga de magnitud para la agricultura y la economía en el Área Sur. Asimismo y a raíz de la preocupación demostrada por los miembros del Comité Técnico Regional del Programa de Sanidad Vegetal del I.I.C.A., se ha formado un Grupo de Trabajo compuesto por representantes de Argentina, Brasil y Paraguay y auspiciado por esta Institución, FAO y el Comité Técnico Regional Ad-Hoc en Sanidad Vegetal para la Zona Sur (COSAVE), dirigido al control de esta plaga.

La realización de esta recopilación bibliográfica es consecuencia de una recomendación específica emanada de la III Reunión del COSAVE llevada a cabo en Chile el 26 de agosto de 1983 y reconoce como una fuente de significativa importancia a aquellos trabajos realizados en esta materia y que figuran en ésta bajo los items 391 y 585.

Por último, destacamos la inapreciable colaboración prestada por el APHIS-PPQ (U.S.D.A.) a través de Mrs. Eileen Welch y el Dr. Robert P. Kahn, a quienes es de agradecer de una manera muy especial la colaboración prestada, a la cual se debe gran parte de esta publicación.

Federico Carlos Meyer
Especialista en Sanidad Vegetal

Montevideo, Setiembre 1984

I. REFERENCIA

- 0001 ABDUL MATIN, A.S.M.; WRIGHT, J.E. y DAVICH, T.B. 1980. Effect of low levels of gamma irradiation on longevity and sterility of the boll weevil (Anthonomus grandis). The Southwestern Entomologist 5(2): 112-117.
- 0002 ABLES, J.R.; HOUSE, V.S.; JONES, S.L. y BULL, D.L. 1980. Effective ness of diflubenzuron on boll weevils. (Anthonomus grandis) in Central Texas river bottoms area. The Southwestern Entomologist Suppl 1: 15-21.
- 0003 _____; JONES, S.L. y BEE, M.J. 1977. Effect of diflubenzuron on beneficial arthropods associated with cotton. The Southwestern Entomologist 2(2): 66-72.
- 0004 _____; JONES, S.L.; HOUSE, V.S. y BULL, D.L. 1980. Effect of diflubenzuron in the control of the boll weevil (Anthonomus grandis) on entomophagous arthropods associated with cotton. The Southwestern Entomologist Suppl 1: 31-35.
- 0005 ADAIR, H.M.; KINCADE, R.T.; LASTER, M.L.; BRAZZEL, J.R. 1967 Low-volume aerial spraying of several insecticides for cotton-insect control. Journal of Economic Entomology 60: 1121-1127.
- 0006 ADAMS, C.H. y CROSS, W.H. 1967. Insecticide resistance in Bracon mellitor, a parasite of the boll weevil. (Anthonomus grandis) Journal of Economic Entomology 60: 1016-1020.
- 0007 _____; CROSS, W.H. y MITCHELL, H.C. 1969. Biology of Bracon mellitor, a parasite of the boll weevil. (Anthonomus grandis) Journal of Economic Entomology 62(4): 889-896.
- 0008 ADKISSON, P.L., RUMMEL, D.R. y STERLING, W.L. A two-phased control program for reducing diapause boll weevil populations on the high plains of Texas. Texas Agricultural Experiment Station. Technical Report N°2, 1965. 6 págs.
- 0009 _____; RUMMEL, D.R.; STERLING, W.L. y OWEN JUNIOR, W.L. Diapause boll weevil control: a comparison of two methods. Texas Agricultural Experiment Station. Bulletin N° 1054, 1966. 11 págs.

- 0010 AGEE, H.R. 1964. Characters for determination of sex of the boll weevil. *Journal of Economic Entomology* 57: 500-501.
- 0011 _____. 1967. Morphology of the central nervous system of the boll weevil, Anthonomus grandis and some electrophysiological techniques. *Annual Entomol. Soc. Am.* 60:779-783.
- 0012 _____. y ELDER, H.W. 1970. Histology of the compound eye of the boll weevil, (Anthonomus grandis). *Annual Entomol. Soc. Amer.* 63(6):1654-1656.
- 0013 AGNEW, C.W. y STERLING, W.L. 1981. Predation of boll weevils (Anthonomus grandis) in partially-open cotton bolls by the red imported fire ant (Solenopsis invicta). *The Southwestern Entomologist*. 6(3):215-219.
- 0014 AHMAD, M. y BURKE, H.R. 1972. Larvae of the weevil tribe Anthonomini *Entomolog. Soc. Amer.* 8:33-81, Publicación Miscelánea.
- 0015 ALGODAO, o bicudo do chaco o "Boll weevil". *Agricultura e Pecuaria* N° 175: 7-8, 1937.
- 0016 AMBROSI, D. La formulation des phéromones. En: Hedin, F.A., ed. Host plant resistance to pests. A symposium sponsored by the Division of Pesticide Chemistry at the 174th. Meeting of the American Chemical Society, Chicago, Illinois. August 31-September 1, 1977. Washington D.C., American Chemical Society, 1977. Pág. 213-216.
- 0017 ANDERSON, D.M. 1968. Observations on the pupae of Anthonomus grandis Boheman and A. grandis thurberiae Pierce. *Annual Entomol. Soc. Amer.* 61:125-129.
- 0018 ANDERSON, L.D. y ATKINS JUNIOR, E.L. 1958. Toxicity of pesticides and other agricultural chemicals to honey bees, in laboratory and field tests in Southern California, 1955-1956. *Journal of Economic Entomology* 51: 103-108.
- 0019 ANDRAWES, N.R. y DOROUGH, H.W. Metabolism of temik in boll weevils and houseflies. (Anthonomus grandis, Musca domestica). *Tex. Agr. Exp. Sta. Progr. Rep.* 2833, 1970. 8 págs.

- 0020 ANDREWS, G.L. Optimum insect management trial (Boll weevil, Anthonomus grandis), causing economic damage to cotton. National Cotton Council, Memphis. Proceedings of the Beltwide Cotton Production Research Conference, 1981. Pág. 41-45.
- 0021 APPERSON, C.S. y ADAMS, C.T. 1983. Medical and agricultural importance of red imported fire ant. Florida Entomologist 66(1): 121-126.
- 0022 ARMSTRONG, A.A.; PARKER, R.D.; WALKER, J.K.; NILES, G.A. y MULKEY, J.R. 1980. A comparison of boll weevil damage (%) to bolls in different cotton genotypes (Anthonomus grandis). The Southwestern Entomologist 5(1): 6-11.
- 0023 AUDANT, A. 1937. The Mexican cotton boll weevil, Anthonomus grandis Boheman in Haiti. Journal of the Department of Agriculture of Puerto Rico 21: 69-76.
- 0024 BACHELER, J.S. y BRADLEY JUNIOR, J.R. 1975 Effect of temperature on development and mortality of the boll weevil (Anthonomus grandis) egg stage (Cotton pests). Environ. Entomol. 4(2):319-320.
- 0025 _____; JONES, J.W.; BRADLEY JUNIOR, J.R. y BOWEN, H.D. 1975 Influence of temperature and abscission of cotton squares infested with boll weevil (Anthonomus grandis) eggs. Journal of Economic Entomology 68(3): 298-300.
- 0026 BAGGA, H.S. y LASTER, M.L. 1968 Relation of insects to the initiation and development of boll rot of cotton. Journal of Economic Entomology 61: 1141-1142.
- 0027 BAILEY, J.C.; MAXWELL, F.G. y JENKINS, J.N. 1967 Boll weevil antibiosis studies with selected cotton lines utilizing egg-implantation techniques. Journal of Economic Entomology 60(5): 1275-1279.
- 0028 _____; MAXWELL F.G. y JENKINS, J.N. 1969 Influence of changes in the cotton plant during the season on the feeding oviposition and development of the boll weevil. Journal of Economic Entomology 62(1): 239-242.
- 0029 _____; MAXWELL, F.G. y JENKINS, J.N. 1967 Mortality of boll weevils in squares of genetically different lines of cotton. Journal of Economic Entomology 60(5): 1279-1280.

- 0030 BAILEY, J.C.; MAXWELL, F.G. y JENKINS, J.N. 1972 Seasonal fluctuations in oviposition of the boll weevil in the laboratory (Anthonomus grandis). Kans Entomology Soc. J. 45(2): 252-254.
- 0031 BAKER, D.N. y LLOUD, E.P. 1970. An energy balance for the boll weevil, Anthonomus grandis. Annual Entomol. Soc. Amer. 63(1): 104-107.
- 0032 _____ y _____ 1970. Effect of age on respiration and transpiration in the boll weevil. Anthonomus grandis. (Insect Physiology). Annual Entomol. Soc. Amerc. 63(1): 101-104.
- 0033 BALLARD, W.W. y SIMPSON, D.M. Behaviour of cotton planted at different dates in weevil-control experiments in Texas and South Carolina. Washington D.C. US Department of Agriculture, Bulletin Nº 1320, 1925. 43 págs.
- 0034 BANCROFT, H.R. y JONES, B.R. 1977 Genotypes of esterase II determined from frass of Anthonomus grandis Boh. (Coleoptera, Curculionidae) Biochem Genet 15 (11/12): 1175-1180.
- 0035 _____; MOORE, C.A. y FRAZIER, J.L. 1976 Development of a biochemical profile for mass-reared boll weevils (Anthonomus grandis) (Coleoptera;Curculionidae). Comp. Biochem & Physiol C. Comp. Pharmacol 53(1): 9-12.
- 0036 BARBOSA, J.F. 1935 Uma calamidade para o algodão. Algodoao 2(1): 34-36.
- 0037 BARBOSA, S. 1981 "Boll weevil" Iminente ameaça à cotonicultura brasileira (Coleóptera, Curculionidae). Campina Grande, Pb.Brasil.
- 0038 _____; BRAGA SOBRINHO, R.; LUKEFAHR, M.J. y BEINGOLEA, D.G. Relatório sobre a ocorrência do bicho de algodoeiro, Anthonomus grandis Boheman, "Boll weevil" no Brasil e recomendações para sua erradicação. EMBRAPA, CNPA, Campina Grande, 1983. 12 págs.
- 0039 BARFIELD, C.S.; BOTTRELL, D.G. y SMITH JUNIOR, J.W. 1977 Influence of temperature on oviposition and adult longevity of Bracon mellitor reared on boll weevils (Anthonomus grandis, cotton pests). Environ. Entomology 6(1): 133-137.

- 0040 _____; SHARPE, P.J.H. y BOTTRELL, D.G. 1977 A temperature-driven developmental model for the parasite Bracon mellitor (Hymenoptera, Braconidae). Canadian Entomologist 109(11): 1504-1514.
- 0041 BARIOLA, L.A. 1983 The boll weevil situation in the west (Anthonomus grandis in Arizona cotton fields). Southwest Five-State Cotton Growers Association Memphis. Summary proceedings of the Western Cotton Production Conference. Pag. 52-55. Maps.
- 0042 _____ y BERGMAN, D. 1982 Toxicity of selected insecticides to boll weevils in Arizona. The Southwestern Entomologist 7(3):142-145.
- 0043 _____ y LINDQUIST, D.A. 1970 Longevity and fecundity of boll weevils exposed to sublethal doses of systemic insecticides (Anthonomus grandis). Journal of Economic Entomology 63(2): 527-530.
- 0044 _____; RIDGWAY, R.L. y COPPEDGE, J.R. 1971 Large-scale field test of soil applications of aldicarb for suppression of populations of boll weevils. Journal of Economic Entomology 64 : 1280-1284.
- 0045 EL BARRENILLO y la anguilula de Chile; una enfermedad de la raíz, la anguilula y el picudo del algodón. México, Estación Agrícola Experimental de Ciudad Juárez, 2a. ed., 1913. 44 págs.
- 0046 BARRIGA ALMENARES, E.E. y FUENTES VEGA, M.S. Evaluación de la efectividad del Bacillus thuringiensis berliner en la formulación comercial Dipel sólo y en mezcla con insecticidas de síntesis en el control de Heliothis spp., Anthonomus grandis Boh. y Sacadodes pyralis Dyar, en el cultivo del algodonero. Tesis Ing.Agr., Montería, Colombia, Universidad de Córdoba, 1977. 27 págs.
- 0047 BARTLETT, A.C. 1968 Behaviour of irradiated boll weevils. II. Reproduction and mortality in cages with untreated boll weevils. Journal of Economic Entomology. 61: 1680-1684
- 0048 _____ 1967 Genetic makers in the boll weevil. J. Hered. 58: 159-163.

- 0049 BARTLETT, A.C. 1981. Izosyme polymorphisms in boll weevils (Anthonomus grandis) and thurberia weevils (Anthonomus grandis thurberiae) from Arizona. Annals of the Entomological Society of America 74(4):359-362.
- 0050 _____; HOOKER, P.A. y HARDEE, D.D. 1968. Behavior of irradiated boll weevils. I. Feeding, attraction, mating and mortality. Journal of Economic Entomology 61:1677-1680.
- 0051 _____; MATTIX, E.B. y WILSON, N.M. 1968. Multiple matings and use of sperm in the boll weevil, Anthonomus grandis. Ann. Entomology Soc. Americ. 61:1148-1155.
- 0052 _____ y MITLIN, N. 1967. Developmental and reproductive effects of heavy water (D_2O) in the diet of the boll weevil. Journal of Economic Entomology 60:647-655.
- 0053 _____; RANDALL, W.C. y MAY, J.E. 1983. Allozyme variation among populations of boll weevils in Arizona and Mexico (Anthonomus grandis). The Southwestern Entomologist 8(2):116-130. Maps.
- 0054 _____; WILSON, N.M. y MATTIX, E.B. 1968. The fate of genetic markers in populations of boll weevils. Journal of Economic Entomology 61:808-812.
- 0055 BEAL, F.E.I.; MCATEE, W.L. y KALMBACH, E.R. Common birds of the southeastern United States in relation to agriculture. Farmer's Bull. 755, 1918. 4 págs.
- 0056 BECKHAM, C.M. 1970. Control of cotton insects with ultra low-volume sprays. Journal of the Georgia Entomology Society 5: 78-82.
- 0057 _____ 1970. Effect of nitrogen fertilization on the abundance of cotton insects (Anthonomus grandis, Heliothis zea, Aphis gossypii). Journal of Economic Entomology 63(4):1219-1220.
- 0058 _____ 1957. Hibernation sites of the boll weevil in relation to a small, Georgia piedmont cotton field. Journal of Economic Entomology 50(6):833-835.

- 0059 BECKHAM, C.M. 1970. Increased cotton yields make insect control profitable (Anthonomus grandis) Ga Agricultural Research 12(1): 6-7.
- 0060 _____ y TIPPINS, H.H. 1966. Status of boll weevil resistance in relation to changing insecticide control programs. Journal Ga. Entomology Society 1:1-4.
- 0061 BEDOUKIAN, R.H. y WOLINSKY, J. 1975. A biogenetic-type synthesis of the cyclohexyl constituents of the boll weevil (Anthonomus grandis) pheromone. J. Org. Chem. 40(5):2154-2156.
- 0062 BEINGOLEA, G.O. Control del picudo peruano: Anthonomus vestitus Bohm. Lima. Estación Experimental Agrícola de La Molina, Informe N° 101, 1956. 31 págs.
- 0063 BELL, M.R. y McGOVERN, W.L. 1975. Susceptibility of the ectoparasite Bracon mellitor to infection by microsporidan pathogens in its host Anthonomus grandis. Journal of Invertebrate Pathology 25 (1): 133-134.
- 0064 _____ y McLAUGHLIN, R.E. 1970. Influence of the protozoan Mattesia grandis McLaughlin on the toxicity to the boll weevil of four insecticides. (Anthonomus grandis, malathion, azinphosmethyl, DDT, carbaryl). Journal of Economic Entomology 63(1):266-269.
- 0065 BENEDICT, J.H. y GEORGE, D.M. 1979. A Bibliography of host plant resistance literature for the boll weevil, Anthonomus grandis. Bulletin of the Entomological Society of America 25(1):19-23.
- 0066 BERGER, E.W. The Mexican cotton boll weevil. Florida University, Gainesville, Circular N° 6, 1913. 24 págs.
- 0067 BETZ, N.L. 1966. Improved Laboratory methods for rearing the boll weevil. Journal of Economic Entomology 59:374-376.
- 0068 _____ y LAMBREMONT, E.N. 1967. Changes in stored glycogen and lipid associated with diapause of the adult boll weevil, Anthonomus grandis. Ann. Entomology Soc.Amer. 60:866-868.

- 0069 BETZ, N.L.; NETTLES JUNIOR, W.C. y NOVAK, A.F. 1967. Physiochemical characteristics of glycogen from Anthonomus grandis Boheman. Comp. Biochem. Physiol 24 :163- 175.
- 0070 BHAT, M.G. y BASU, A.K. 1981 . Evaluation of performance of a frego bract line of cotton (Gossypium hirsutum L.), Science and Culture 47(2) : 69-70.
- 0071 BIGGERS, C.J. y BANCROFT, H.R. 1977. Esterases of laboratory-reared and field-collected cotton boll weevils, Anthonomus grandis Boh polymorphism of adult esterases and formal genetics of esterase II. Biochem Genet 15(3/4) : 227-233.
- 0072 _____ y _____ 1976 . Inheritance of hemolymph esterases of the cotton boll weevil (Anthonomus grandis Boh). Journal of the Tennessee Academy of Science , 51(2) :59
- 0073 BIRD, T.G. y BANCROFT, H.R. 1976 . The effects of Ciba-Geigy synthetic juvenile hormone on fecundity and total sterol levels in the cotton boll weevil, Anthonomus grandis Boheman. Journal of the Tennessee Academy of Science 51(2) : 60
- 0074 BIRD, L.S.; BUSH, D.L.; BOURLAND, F.M. y PERCY, R.G. 1976. Performance of multi-adversity resistant cottons in the presence of adversity-progress for insect resistance (Anthonomus grandis). Proc.Belt-wide Cotton Prod Res Conf. pág. 28-30.
- 0075 BLACK, J.H. y LEIGH, T.F. 1963 . The biology of the boll weevil in relation to cotton type. Journal of Economic Entomology 56(6): 789-790.
- 0076 BLACK, C.T. y ZORB, G.L. 1964. Cereal leaf beetle control and wild-life in Michigan, Part II. Michigan Department Conservation, 10 pág.
- 0077 BODEGAS VALERA, R.; FLORES GARCIA, R. y COSS FLORES, M.E. de. Aspectos de interés sobre las hospederas alternantes del picudo del algodonero Anthonomus grandis y avances en la investigación respectiva en el Soconusco Chiapas, México. Centro de Investigaciones Ecológicas del Sureste, México Boletín de Información N°3, 1977. 14 pág.

- 0078 BODEGAS VALERA, R.; FLORES GARCIA, R. y COSS FLORES, M.E. de. La utilización de cultivos trampa para el combate del picudo del algodonero en el Soconusco, Chiapas, México. Centro de Investigaciones Ecológicas del Sureste, México. Boletín de Información N°7, 1977. 4 pág.
- 0079 BOLL WEEVIL (Anthonomus grandis Boh.). Additional selected references 1968/69. Cooperative Economic Insect Report 22(24): 366-368.
- 0080 _____ (Anthonomus grandis Boh.). Selected references 1968/69. Cooperative Economic Insect Report. 19(40): 771-774, 1969.
- 0081 _____ (Anthonomus grandis Boh.). Selected references 1970/71. Cooperative Economic Insect Report. 22(35): 589-594, 1972.
- 0082 BONDY, F.F. et.al. Dispersion of the boll weevil in 1922. Washington Department of Agriculture, Circular N°266, 1923. 6 pág.
- 0083 BONHAM, C.D. y FYE, R.E. 1970. An empirical model for predicting boll weevil distribution on cotton plants (Anthonomus grandis). Journal of Economic Entomology 64 (2): 539-540.
- 0084 BORKOVEC, A.B. y McHAFFEY, D.G. 1977. Chemosterilization of the boll weevil (Anthonomus grandis) by fumigation. Journal of Economic Entomology 70 (4): 424-426. Map.ref.
- 0085 _____ y WOODS, C.W. 1978. Boll weevil: (Anthonomus grandis grandis): Chemosterilization by fumigation and dipping. Journal of Economic Entomology 71 (6): 862-866.
- 0086 _____ ; _____ y McHAFFEY, D.G. 1972. Chemosterilants against the boll weevil. 1 Azigidines (Anthonomus grandis). Journal of Economic Entomology 65(6): 15431547.

- 10-
- 0088 BOTTRELL, D.G. 1976. Biological control agents of the boll weevil (Anthonomus grandis, cotton). ARS-S/U.S. Agricultural Research Service South Reg. 71: 22-25.
- 0089 1976. The boll weevil (Anthonomus grandis) as a key pest (Cotton). ARS-S/U.S. Agricultural Research Service South Reg. 71: 5-8.
- 0090 ALMAND, L.K. 1968. Evaluation of the 1967 reproductive-diapause boll weevil control program of the Texas High Plains. Texas Agricultural Experiment Sta. MP-904. 4 págs.
- 0091 y 1969. The effects of reproductive-diapause boll weevil control programs on populations of the bollworm and the tobacco budworm in cotton. (Anthonomus grandis, Heliothis zea, Heliothis virescens). Texas Agricultural Experiment Sta. Progr. Rep. 2702: 6 págs.
- 0092 ; ARNOLD, D.M. y ALMAND, L.K. 1967. Effects of reproductive-diapause boll weevil insecticidal control programs on the abundance of bollworms and tobacco budworms in cotton in the rolling plains of Texas. Texas Agricultural Experiment Sta. Progr. Rep. 2627.
- 0093 ; et al. 1970. Studies of boll weevil populations and their movement in the high and rolling plains of Texas; using male-baited traps (Anthonomus grandis). Texas Agricultural Experiment Sta. Mp...948. 8 págs.
- 0094 y RUMMEL, D.R. 1976. Pheromone manipulation of boll weevils (Anthonomus grandis) entering overwintering habitats (Cotton). Res. Monogr. Texas Agricultural Experiment Sta. 8: 62-65.
- 0095 y 1978. Response of Heliothis populations to insecticides applied in an area-wide reproduction diapause boll weevil (Anthonomus grandis) suppression program. Journal of Economic Entomology 71(1):87-92.
- 0096 y 1976. Suppression of boll weevil (Anthonomus grandis) populations with pheromone traps (Cotton). Res. Monogr. Texas Agricultural Experiment Stn. 8 :37-44.

- 0097 BOTTRELL, D.G.; RUMMIL D.R.y ADKISSON, P.L. 1972. Spread of the boll weevil into the high plains of Texas (Anthonomus grandis, cotton). Environ Entomology 1(2) : 136-140.
- 0098 _____; WADE, L.J. y BRUCE, D.L. 1973. Boll weevils fail to develop resistance to malathion after several years of heavy exposure in Texas high plains (Anthonomus grandis). Journal of Economic Entomology 66(3) : 791-792.
- 0099 _____, WHITE, J.R.; MOODY, D.S. y HARDEE, D.D. 1972. Overwintering habitats of the boll weevil in the rolling plains of Texas (Anthonomus grandis). Environ Entomology 1(5) : 633-638.
- 0100 BOYD, F.J. 1976. Boll weevil (Anthonomus grandis) population levels during the in-season and reproduction-d^d pause control phases of the Pilot Boll Weevil Erradication Experiment (Cotton). ARS-S/ U.S. Agricultural Research Service South Reg. 71: 75-81.
- 0101 _____ 1976. Operational plan and execution of the Pilot Boll Weevil (Anthonomus grandis) Erradication Experiment (Cotton) ARS-S/ U.S. Agricultural Research Service South Reg. 71: 62-69. Map.
- 0102 BOYD JUNIOR, F.J. y BRAZZEL, J.R. 1975. Survival of boll weevils (Anthonomus grandis) in bolls on standing cotton stalks during the winter in southern Mississippi and southeastern Louisiana. Journal GA Entomology Soc. 10(2):105-108.
- 0103 _____ ; _____; HELMS, W.F.; MORITZ, R.J. y EDWARDS, R.R. 1973. Spring destruction of overwintered boll weevils in West Texas with wing traps. Journal of Economic Entomology 66: 507-510.
- 0104 BRADLEY JUNIOR, J.R.; CLOWER, D.F. y GRAVES, J.B. 1968. Field studies of sex attraction in the boll weevil. Journal of Economic Entomology 65:1457-1458.
- 0105 _____ y CORBIN, F.T. 1974. Effects of organophosphate insecticides especially methyl parathion, on fruiting, maturity and yield of cotton (Heliothis, Anthonomus grandis). Proceedings of the Beltwide Cotton Production Research Conference, pag. 133-135.

- 0106 BRADY JUNIOR, U.E. et al. 1963. Systemic effectiveness of insecticides against boll weevil larvae and other cotton pests. Journal of Economic Entomology 56(1) :74-75.
- 0107 BRAMBLETT, J. 1976. Diapause control knock boll weevils (Anthonomus grandis, cotton). Prog Farmer (Birmingham) 91(9) :30.
- 0108 BRASHER, C.; MULLINS, J.A. y BENNETT, S.E. 1971. Electrostatic ULV (ultra-low volume) spraying for control of the boll weevil (Anthonomus grandis). Journal of Economic Entomology 64(6) 1537-1541.
- 0109 BRAZZEL, J.R. 1976. A plan for boll weevil (Anthonomus grandis) elimination in the Cotton Belt ARS-S/U.S. Agricultural Research Service South Reg. 71: 154-58. Map.
- 0110 1961. Destruction of diapause boll weevils as a means of boll weevil control. Texas Agricultural Experiment Station, Miscelaneous Publication N° 511. 22 págs.
- 0111 1976. Status of the boll weevil (Anthonomus grandis, cottonpest) eradication trial. Proc. of the Beltwide Cotton Prod Res Conference págs. 141-147;
- 0112 1959. The effect of late season applications of insecticides on diapausing boll weevils. Journal of Economic Entomology 52(6): 1042-1045.
- 0113 ; DAVICH, T.B. y HARRIS, L.D. 1961. A new approach to boll weevil control. Journal of Economic Entomology 54; 723-730.
- 0114 y NEWSON, L.D. 1959. Diapause in Anthonomus grandis Boh. Journal of Economic Entomology 52. 603-611.
- 0115 BROWN, J.M. ed. 1982. Proceedings of the 1982 Beltwide Cotton and Production-Mechanization Conference. Las Vegas, Nevada. Memphis, Tennessee, National Cotton Council of America & Cotton Foundation. 130 págs.
- 0116 BROWN, L.G.; McCLENDON, R.W. y JONES, J.W. Cotton and Insect Management simulation model (CIM model, Anthonomus grandis, Heliothis spp) United States Department of Agriculture, Agriculture Handbook No. 500. 1982. Dec. 1979.

- 0117 BRUER, H.L. 1976. Regulatory aspects of boll weevil (Anthonomus grandis) eradication in the Cotton Belt. ARS-S/U.S.Agricultural Research Service South Reg 71: 159-160.
- 0118 BUFORD, W.T. et al. 1968. A boll weevil oviposition suppression factor in cotton. Crop Science 8 : 647-649.
- 0119 _____ et al. 1967. A laboratory technique to evaluate boll weevil oviposition preference among cotton lines. Crop Science 7(6) : 579-561.
- 0120 BULL, D.L. 1979. Fate and efficacy of acephate after application to plants and insects. Journal of Agricultural and Food Chemistry 27(2) :268-271.
- 0121 _____ 1980. Fate and efficacy of (the organophosphorus insecticide) sulprofos against certain insects associated with cotton (Heliothis spp., Hippodamia convergens, Anthonomus grandis). Journal of Economic Entomology 73(2): 262-264.
- 0122 _____ 1980. Fate of diflubenzuron after application to cotton and the boll weevil (Anthonomus grandis). The Southwestern Entomologist (suppl.1):2-7.
- 0123 _____ 1976. Formulations of grandlure (a synthetic attractant for controlling Anthonomus grandis, cotton). Res. Monogr. Texas Agricultural Experiment Station 8; 5-9.
- 0124 _____ 1968. Metabolism of UC.21149 (2 methyl-2(methylthio) propionaldehyde O-(methylcarbamoyl)oxime) in cotton plants and soil in the field... Journal of Economic Entomology 61. 1598-1602.
- 0125 _____ ; ABLES, J.R. y LLOYD, E.P. Insect growth regulators with emphasis on the use of benzoylphenyl ureas (Anthonomus grandis, cotton pests control). United States Department of Agriculture. Agriculture Handbook, 1983. Pág. 207-235.

- 0126 BULL, D.L. y BORKOVEC, A.B. 1973. Metabolism of carbon-14-labeled hempa by adult boll weevils (Anthonomus grandis). Arch Environ Contam Toxicol 1(2):148-158.
- 0127 _____; COPPEDGE, J.R.; HARDEE, D.D.; RUMMEL, D.R.; McKIBBEN, G.H. y HOUSE, V.S. 1973. Formulations for controlling the release of synthetic pheromone (grandlure) of the boll weevil. 3. Laboratory and field evaluation of three slow release preparation. Environ. Entomology 2(5): 905-909.
- 0128 _____; RIDGWAY, R.L.; HARDEE, D.D. y GRAVES, T.M. 1973. Formulations for controlling the release of synthetic pheromone (grandlure) of the boll weevil. Analytical studies (Anthonomus grandis, control). Environ. Entomology 2(5):829-835.
- 0129 _____ y HOUSE, V.S. 1979. Selective methods for managing insect pests (Anthonomus grandis grandis) of cotton (biological control). Journal of Economic Entomology 72(6):841-846.
- 0130 _____ y IVIE, G.W. 1980. Activity and fate of diflubenzuron and certain derivatives in the boll weevil (Anthonomus grandis). Pesticide biochemistry and physiology 13(1): 41-52.
- 0131 _____ y _____. 1978. Fate of diflubenzuron in cotton, soil and rotational crops (proposed program for the eradication of the boll weevil, Anthonomus grandis, residues in the ecosystem). Journal of Agricultural Food Chem. 26(3):515-520.
- 0132 _____; PRYOR, N.W. y HOUSE, V.S. 1983. Fate and efficacy of 0-(4-(4-chlorophenyl)thio)phenyl)0-ethyl S-Propyl phosphoro-thioate (RH-0994) after application to the tobacco budworm (Lepidoptera:Noctuidae) and the boll weevil (Coleoptera:Curculionidae) (Heliothis virescens, Anthonomus grandis). Journal of Economic Entomology 76(2):227-232.
- 0133 _____ y LINQUIST, D.A. 1968. Cholinesterase in boll weevils, Anthonomus grandis Boheman, I. Distribution and some properties of the crude enzyme. Comp. Biochem. Physiol. 25:639-649.
- 0134 _____; STOKES, R.A.; HARDEE, D.D. y GUELDRER, R.C. 1971. Gas chromatographic determination of the components of the synthetic boll weevil sex pheromones (grandlure). (Anthonomus grandis, insect attractants). Journal Agr. Food Chem. 19(1):202-203.

- 0135 BUMGARNER, J.E. y LAMBREMONT, E.N. 1966. The lipid-class spectrum and fatty acid content of the boll weevil egg. Comp. Biochem. Physiol. 18 : 975-981.
- 0136 BURGESS, E.P. 1965. Control of the boll weevil with technical malathion applied by aircraft. Journal of Economic Entomology 58 : 414-415.
- 0137 BURKE, H.R. 1968. Geographic variation and taxonomy of Anthonomus grandis Boheman. Texas Agricultural Experiment Station, Dep. Entomology Tech. Rep. Mimeographed. 152 págs.
- 0138 _____ 1968. Pupae of the weevil tribe Anthonomini (Coleoptera: Curculionidae). Texas Agricultural Experiment Station. Tech. Monogr. 5 . 92 págs.
- 0139 _____ 1983. Descriptions of the larva and pupa of Anthonomus hunteri and comparison with Anthonomus grandis (Coleoptera: Curculionidae). Proceedings Entomological Society of Washington 85(3); 456-462.
- 0140 _____ y CLARK, W.E. 1976. Cienfuegosia drummondii as a host of the boll weevil, Anthonomus grandis in South Texas (Cotton). ARS-S/U.S. Agricultural Research Service South Reg. 71 : 12-21. Map.
- 0141 BURT, E.C., et al. 1970. Boll weevil control with insecticide applied in sprays with narrow-spectrum droplet sizes. Journal of Economic Entomology 63; 365-370.
- 0142 _____ ; LLOYD, E.P. y SMITH, D.B. 1969. Control of the boll weevil by mechanically destroying fallen infested cotton squares. Journal of Economic Entomology 62: 862-65.
- 0143 _____ ; _____ ; y _____ 1968. A flail machine for destroying fallen cotton squares infested with boll weevil. Journal of Economic Entomology 61(1): 1-3.

- 0144 BURT, E.C.; LLOYD, E.P.; SMITH, D.B.; SCOTT, W.P.; McCOY, J.R. y TINGLE, F.C. 1970. Boll weevil control with insecticide applied in sprays with narrow-spectrum droplet sizes. (Anthonomus grandis, spraying equipment). Journal of Economic Entomology 63(2): 365-370.
- 0145 BURTON, R.L. y SNOW, J.W. 1970. A marker dye for the corn earworm. (Heliothis zea, Heliothis virescens, Anthonomus grandis). Journal of Economic Entomology 63(6):1976-1977.
- 0146 CALDWELL, W.D.; JONES, J.E.; CLOWER, D.R.; MELVILLE, D.R.; PAVLOFF, A.M.; MOPPERT, K.B.; BRAND, J. y BOWMAN, D. 1977. Evaluation of cotton strains "with" and "without" Temik (Heliothis, Anthonomus grandis, Lygus lineolaris, Pseudatomscelis seriatus). Louisiana, Agricultural Experiment Station, Annual Research Rep. Red River Valley Agricultural Experiment Stn., pag. 77-81.
- 0147 CALHOUN, S.L., et al. 1950. Control of boll weevil, bollworm, and cotton aphid with organic insecticides applied as concentrated spray. Journal of Economic Entomology, Maryland, 43(5):606-610.
- 0148 CALLAHAM, M.P.; BROOME, J.R.; LINDIG, O.H. y HEITZ, J.R. 1975. Dye sensitized photooxidation reaction in the boll weevil, Anthonomus grandis. Environmental Entomology 4(5):837-841.
- 0149 _____ et al. 1977. Time dependence of light-independent biochemical changes in the boll weevil, Anthonomus grandis, caused by dietary rose bengal. Environmental Entomology 6(5): 669-673.
- 0150 CAMP, H.B. y ARTHUR, B.W. 1967. Absorption and metabolism of carbaryl by several insect species. Journal of Economic Entomology 60:803-807.
- 0151 CAMPBELL, L.S. 1968. Principal effects of aerial application of Guthion to farm ponds. Job Completion Report. State of Texas Parks and Wildlife Department, Austin, Texas.
- 0152 CANERDAY, T.D. 1975. Evaluation of insecticides for cotton insect control in Georgia (Anthonomus grandis, Heliothis zea, Heliothis virescens). Journal Ga Entomology Soc. 10(1):25-32.

- 0153 CANERDAY, T.D.; WOMACK, H. y JORDAN, C.R. 1973. Evaluation of a boll weevil diapause control program in Georgia. (Anthonomus grandis, cotton, insect pest). Journal Ga Entomology Soc. 8(4): 287-294.
- 0154 CANTU, E. y WOLFENBARGER, D.A. 1972. Effectiveness of experimental insecticides against the tobacco budworm, boll weevil, fall armyworm and two-spotted mite, Brownsville (Texas). (Heliothis virescens, Anthonomus grandis, Spodoptera frugiperda, Tetranychus). Texas Agricultural Experiment Station Prog. Rep. (Consol Prog. Rep) 3082/3091.
- 0155 _____ y _____ 197?. Effectiveness of experimental insecticides against the tobacco budworm, boll weevil, fall armyworm, and two-spotted spider mite. (Heliothis virescens, Anthonomus grandis, Spodoptera frugiperda, Tetranychus cinnabarinus). Texas Agricultural Experiment Station, Dep. Agr. Econ. Sociol. Dep. Tech. Rep. 20: 26-31.
- 0156 CARDONA, C.; PACHECO, L.C. y RENDON, F. 1979/82. Poblaciones de insectos plagas y benéficos en socas de algodón en la Costa Atlántica. Métodos y épocas de destrucción. Revista Colombiana de Entomología 5 (3/4):3-12.
- 0157 _____ ; _____ ; y RENDON, F. 1981. Poblaciones de insectos plagas y benéficos en socas de algodón de la Costa Atlántica, métodos y época de destrucción. En Seminario: Picudo del Algodonero, Montería, Colombia, 1980. Trabajos/Bogotá, Colombia, Sociedad Colombiana de Entomología. Pág. 45-55.
- 0158 CARGILL, R.L. y WRIGHT, B.W. 1975. A new fragmentation reaction and its application to the synthesis of plus/minus-grandisol (Anthonomus grandis). Journal Org. Chem. 40(1):120-122.
- 0159 CARILLO, U.E. 197?. Daños simulados en porcentajes de belloteros especialmente Anthonomus grandis. A diferentes edades en el algodonero. Revista Colombiana de Entomología, 3(3/4):65-70.
- 0160 CARLSON, G.A. y SUGUIYAMA, L.F. Economic evaluation of the boll weevil eradication trial in North Carolina. 1978/80 (Anthonomus grandis, costs and returns. United States Department of Agriculture, Agriculture Handbook, Nº 589, 1983. Pág. 497-517.

- 0161 CARLTON, J.B. 1976. Electronic tracking system for studying the "oscillatory effect" in insects (Anthonomus grandis, Musca domestica, Periplaneta americana). ARS-S/U.S.Agricultural Research Service South Reg. 96, 7 pag.
- 0162 _____ y HARDEE, D.D. 1974. Boll weevils: Improved techniques in subjective sexing. (Anthonomus grandis, laboratory equipment) Trans American Society of Agricultural Engineers Gen Ed 17: 656-657.
- 0163 CARRANZA, R.L. y BONHAM, C.D. 1971. Boll weevil investigations. (Anthonomus grandis, cotton). Arizona University Ext. Ser P 21:3.
- 0164 CARTER, F.L. y PHILLIPS, J.R. 1973. Diapause in the boll weevil, Anthonomus grandis Boheman, as related to fruiting activity in the cotton plant. Proceedings of the Arkansas Academy of Science. 27 : 16-20.
- 0165 _____ y _____ 1974. Factors influencing seasonal diapause in the boll weevil (Anthonomus grandis, cotton). Arkansas Agricultural Experiment Station, Arkansas, Farm Res 23(3): 2.
- 0166 CARVALHO, R.P.L. 1983. Bicudo. Super praga Importada. Problemas Brasileiros, oct-dic: 4-11.
- 0167 CATE, J.R. 1978. Biological control of Anthonomus grandis Boheman: future prospects. In Congreso Nacional de Entomología, 12º Guadalajara, Jal., México. Folia entomológica Mexicana Nº 39-40 : 123.
- 0168 _____ y CURRY, G.L. 1979. A model for boll weevil (Anthonomus grandis) ovipositional site selection (Cotton pests). Environmental Entomology 8(5): 917-921.
- 0169 _____ y SKINNER, J.L. 1978. Fate and identification of pollen in the alimentary canal of the boll weevil, Anthonomus grandis. Southwestern Entomology 3(4): 263-265.

- 0170 CAVALERI, P.A.; PANZANI, C.R.; CALCAGNOLO, G. y LOPEZ, L.C. Plano de combate ao Anthonomus grandis -"Bicudo"- nas lavouras algodoeira das Divisões Regionais Agrícolas de Campinas e Sorocaba. Brasil, Secretaria da Agricultura e Abastecimento do Estado do São Paulo, Campinas, 1983. 17 págs.
- 0171 CEBALLOS, E. y OBISPO, G.Q. 1979. Estudio de material genético de algodonero con características de tolerancia a Anthonomus grandis Boh. en Iguala, Guerrero. En Congreso Nacional de Entomología, 13º, México, D.F., 1978. Folia entomológica Mexicana N° 42: 29.
- 0172 CLEVELAND, T.C. 1981. Boll weevil: a parasitic nematode (Mermithidae) of the boll weevil (Anthonomus grandis grandis). Journal of the Georgia Entomological Society, 16(1) : 122-125.
- 0173 _____ y SCOTT, W.P. 1967. An improved technique for aerial application of ultra-low-volume materials to experimental plots. Journal of Economic Entomology 60: 1761-762.
- 0174 _____ : SCOTT, W.P.; DAVICH, T.B.y PARENCEA JUNIOR, C.R. 1966. Control of the boll weevil on cotton with ultra-low-volume (undiluted) technical malathion. Journal of Economic Entomology 59: 973-976.
- 0175 CLOWER, J.P.; MITCHELL, H.R.; CLOWER, D.F.; RESTER, D.C. y GRAVES, J.B. 1982. Ultra-low-volume application of insecticides in vegetable oil (tested on cotton pests, *Heliothis* spp., Anthonomus grandis). Louisiana agriculture - Louisiana Agricultural Experiment Station 25(4) : 22-24.
- 0176 COAD B.R. Cotton boll weevil control in the Mississippi Delta with special reference to square picking and weevil picking. USDA. Bulletin N° 382, 1916. 12 págs.
- 0177 _____ 1914. Feeding habits of the boll weevil on plants other than cotton. Journal Agricultural Research 2: 235-45.
- 0178 _____ Recent experimental work on poisoning cotton boll weevils. USDA Bulletin N° 731, 1918. 15 págs.

- 0179 COAD, B.R. Recent studies of the Mexican cotton boll weevil, USDA Dept. Bulletin N° 231, 1916. 34 págs.
- 0180 _____ Relation of the Arizona wild cotton weevil to cotton planting in the arid west. USDA Bulletin N° 233, 1915. 12 págs.
- 0181 _____ Studies on the biology of the Arizona wild cotton weevil. USDA Bulletin N° 344, 1916. 23 págs.
- 0182 _____ y CASSIDY, T.P. Cotton boll weevil control by the use of poison. USDA Bulletin N° 875, 1920. 31 págs.
- 0183 _____ y _____ Dusting for the cotton boll weevil. Washington D.C., Department of Agriculture, 1923. 3 págs.
- 0184 _____, et al. Dispersion of the boll weevil in 1921. USDA Circular N° 210, 1922. 3 págs.
- 0185 _____ y GAINES, R.C. Poisoning the cotton boll weevil. USDA Leaflet N° 37, 1929. 4 págs.
- 0186 _____ y McGEHEE, F. Collection of weevils and infested squares as a means of control of the cotton boll weevil in the Mississippi Delta. USDA Bulletin N° 564, 1917. 51 págs.
- 0187 COAKLEY, J.M. 1972. Influence of boll weevil larvae Anthonomus grandis Boheman on abscission of cotton flower buds. Mississippi State University, Tesis, 48 págs.
- 0188 _____; MAXWELL, F.G. y JENKINS, J.N. 1969. Influence of feeding oviposition and egg and larval development of the boll weevil on abscission of cotton squares. Journal of Economic Entomology 62. 244-245.
- 0189 COAKLEY, T.P. 1972 Organic thiocyanates as carbamate synergists in the boll weevil. Anthonomus grandis Boheman. Tesis (Ph.D.) Mississippi State University. 23 págs.

- 0190 COBB, P.P. y BASS, M.H. 1968. Some effects of photoperiod, temperature and food on the induction of diapause in the boll weevil, *Journal of Economic Entomology* 61: 624-45.
- 0191 COKER, R.R. 1976. Economic impact of the boll weevil (Anthonomus grandis, cotton, situation studies). ARS-S.U.S. Agricultural Research Service South Reg. 71: 3-4.
- 0192 _____ 1976. Report of Industry Action Committee (on Boll Weevil Elimination, Anthonomus grandis, cotton) ARS-S/U.S. Agricultural Research Service South Reg. 71: 167-68.
- 0193 COLE, C.L. 1980. Effectiveness of diflubenzuron (on the boll weevil Anthonomus grandis) in the upper gulf cost of Texas. *The Southwestern Entomologist* (suppl. 1):22-26.
- 0194 _____ Influence of certain seasonal changes of the life history and diapause of the boll weevil. Anthonomus grandis Boheman Thesis - Texas A&M University. 1970. 114 págs.
- 0195 _____ y ADKINSON, P.L. 1982. Effects of constant and variable temperature regimens on the survival and rate of increase of the boll weevil. *The Southwestern Entomologist* 7 (1): 50-55.
- 0196 _____ y _____ 1981. Life history and fecundity of the boll weevil reared in constant and variable temperature regimens (Anthonomus grandis, Texas). *The Southwestern Entomologist* 6(4): 298-302.
- 0197 COLLINS, H.L.; MOODY, R.; SARTOR, C.F.; YOUNG, D.F. y HAMER, J.L. 1976. Results of a three-year cotton pest (Anthonomus grandis, Heliothis zea) management program in the Hill Section of Mississippi. U.S. Animal and Plant Health Inspection Service, 81-(26): 6.
- 0198 COLMENARES, M.J. 1981. Aplicaciones aéreas de plaguicidas dirigidas al control del picudo del algodón. En Seminario Picudo del Algodonero, Montería, Colombia, 1980. Trabajos/Bogotá, Colombia, Sociedad Colombiana de Entomología. Pág. 67-75.

- 0199 COMBATE del picudo del algodón. Noticias Agrícolas 1(31), Agosto 1958.
- 0200 COMITE TECNICO AD-HOC EN SANIDAD VEGETAL PARA LA ZONA SUR. Informe de la IV. Reunión, Brasil, Brasilia. 1984. 14 pág.
- 0201 COMPORTAMIENTO de las poblaciones del picudo - Anthonomus grandis durante la estación seca. Algodonero, Nicaragua 7(27): 8-9. 1978.
- 0202 CONGRESO de la Sociedad Colombiana de Entomología, 8º, Medellín, Colombia. Resúmenes. Cali, Colombia, Sociedad Colombiana de Entomología, 1981. 67 pág.
- 0203 CONGRESO Nacional de Entomología, 12º, Guadalajara, México, 1977. Folia Entomológica Mexicana N°39/40: 1-233. 1978.
- 0204 ¿CONOCE Ud. al picudo? En mejores cosechas con Shell, 4(50):4. 1958.
- 0205 CONNER, A.B. y REINHARD, H.J. Cotton boll weevil control in Texas, Brazos County, College Station, Circular N°32, 1924. 14 pág.
- 0206 CONSEJO DEL BIENESTAR RURAL. Agricultor, si desea aumentar sus ganancias, combata al picudo. Caracas, Panfleto N°3, 1952. 2 pág.
- 0207 CONTRA el "picudo" y el "alabarrra" dos enemigos del algodón. Mejores cosechas con Shell 2(22):1. 1956.
- 0208 COOK, O.F. Cotton improvement under weevil conditions. USDA Farmers' Bulletin N°501, 1924. 17 pág.
- 0209 COPPEDGE, J.R.; BULL, D.L.; HOUSE, V.S.; RIDGWAY, R.L.; BOTTRELL, D.G. y COWAN, C.B. Formulations for controlling the release of synthetic pheromone (grandlure) of the boll weevil. 2 Biological studies (Anthonomus grandis, control). Environ. Entomology 2(5): 837-843.

- 0210 COPPEDGE, J.R.; LINDQUIST, D.A.; RIDGWAY, R.L.; COWAN, C.B. y BARIOLA, L.A. 1969. Sidedress applications of Union Carbide UC-21149 for control of overwintered boll weevils. *Journal of Economic Entomology* 62 : 558-565.
- 0211 _____ y RIDGWAY, R.L. 1973. The integration of selected boll weevil suppression techniques in an eradication experiment. (*Anthonomus grandis*, cotton, *Heliothis*). *Prod. Res. Rep. Agric. Res. Serv. U.S. Dep. Agric.* 152:26 págs. Map.
- 0212 _____ ; STOKFS, R.A.; KINZER, R.E. y RIDGWAY, R.L. 1974. Biological evaluations of slow release formulations of aldicarb (*Anthonomus grandis*, control). *Journal of Economic Entomology* 67(2):292-294.
- 0213 COSS, F.; M.E. de.: BODEGAS V., P.R. y FLORFS G., R. 1981. Algunas observaciones sobre el parásito *Catolaccus*=(*Heterolaccus*) *grandis* Burks en la región del Soconusco, Chiapas, México. *The Southwestern Entomologist* .6(4) : 312-315.
- 0214 COWAN JUNIOR, C.B. et al. 1966. Systemic insecticides for control of cotton insects. *Journal of Economic Entomology* 59: 958-961.
- 0215 _____ 1963. Winter survival of the boll weevil in cotton bolls in Central Texas. *Journal of Economic Entomology* 56(4): 494-496.
- 0216 COWAN, C.B. y DAVIS, J.W. 1973. Chemicals evaluated in field tests against cotton insects (*Heliothis*, *Tetranychus cinnabarinus* *Anthonomus grandis*). *Texas Agricultural Experiment Station Dep. Agr. Econ. Sociol. Dep. Tech. Rep* 20:9-12.
- 0217 _____ y _____ 1968. Field tests with conventional low-volume or ultra-low-volume sprays for control of the boll weevil, boll-worm, and tobacco budworm on cotton in 1967. *Journal of Economic Entomology* 61:1115-1116.
- 0218 _____ y _____ 1967. Systemic insecticides for control of the boll weevil and the cotton fleahopper. *Journal of Economic Entomology* 60(4):1038-1041.

- 0219 COWAN JUNIOR, C.B.; PARENCEIA JUNIOR, C.R. y DAVIS, J.W. 1956. Late-season control of the boll weevil and the bollworm with new insecticides in 1955. *Journal of Economic Entomology* 49(6): 783-785.
- 0220 CROSS, W.H. 1973. Biology, control and eradication of the boll weevil (Anthonomus grandis, cotton). *Annu Rev Entomol* 18: 17-46.
- 0221 _____ 1983. Ecology of cotton insects with special reference to the boll weevil (Anthonomus grandis, includes a case history of a Mississippi field). United States Department of Agriculture Agriculture handbook N°589. Pag.53-70.
- 0222 _____ 1976. History of the boll weevil (Anthonomus grandis) problem (Cotton). ARS-S/U.S. Agric Res. Serv. South Reg 71: 1-2.
- 0223 _____ Insects. ARS(Agricultural Research Service) Cotton Insect Collection. Boll Weevil Research Laboratory (Anthonomus grandis, systematic collections). U.S. Dept. of Agriculture Misc. Publ. 1343, 1977. Pág. 27-28.
- 0224 _____ 1976 .Relative populations and suggested long-range movements of boll weevils (Anthonomus grandis) throughout the area of the Pilot Boll Weevil Eradication Experiment as indicated by traps in 1973(cotton). ARS-S/U.S.Agric. Res. Serv. South Reg. 71: 103-107 ,Maps.
- 0225 _____ y CHESNUT, T.L. 1971. Arthropod parasites of the boll weevil. Anthonomus grandis. 1. An annotated list. *Entomol Soc Amer Ann* 64(2): 516-527.
- 0226 _____ et al. 1969. Attraction of female boll weevils to traps baited with males or extracts of males. *Journal of Economic Entomology* 62: 154-161.
- 0227 _____ y HARDEE, D.D. 1968. Traps for survey of overwintered boll weevil populations. *USDA Cooperative Economic Insect Report* 18: 430.

- 0228 CROSS, W.H.;HARDEE, D.D.y NICHOLS, F. 1967.Punch cards in attraction and population studies of boll weevils. Journal of Economic Entomology 60: 1484-485.
- 0229 ; ; MITCHELL, H.C.;MITCHELL,E.B.;HUDDLESTON, P.M. y TUMLINSON, J.R. 1969. Attraction of female boll weevils to traps baited with males or extracts of males. Journal of Economic Entomology 62: 154-161.
- 0230 ; LEGGETT, J.E. y HARDEE, D.D. 1971.Improved traps for capturing boll weevils. U.S.Dep. Agr. Coop. Econ. Insect Rep. 21: 367-368.
- 0231 ;LUKEFAHR, M.J.;FRYXELL, P.A. y BURKE, H.R. 1975. Host plants of the boll weevil (Anthonomus grandis). Environ Entomol 4(1): 19-26 Maps.
- 0232 ; y McGOVERN, W.L. 1969.New parasites, Zatropis perdubius and Megaselia aletiae of the boll weevil, Anthonomus grandis. Entomol Soc Amer Ann 62(3): 674
- 0233 ; y MITCHELL, H.C. 1969. Biology of Bracon kirkpatricki. and field releases of the parasite for control of the boll weevil. (Anthonomus grandis, Mississippi). Journal of Economic Entomology 62 (2): 448-454.
- 0234 ; y MITCHELL, H.C. 1969 .Distribution and importance of Heterolaccus grandis as a parasite of the boll weevil. Ann.Entomol.Soc. Am. 62:235-236.
- 0235 ; y 1966 .Mating behaviour of the boll weevil. Journal of Economic Entomology 59: 1503-507.
- 0236 ; y HARDEE, D.D. 1976 .Boll weevils (Anthonomus grandis) response to light sources and colors on traps. Environ Entomol 5(3): 565-571.

- 0237 CROSS, W.H.; MITCHELL, H.C. y HARDEE, D.D. 1972. Response of the boll weevil to various light sources and to different colors on traps. *Environ. Entomol.* En Prensa.
- 0238 Cuando comience la floración, vigile, el picudo ataca en ese tiempo. *En Mejores cosechas con Shell* 5(56): 1, 1959.
- 0239 CUDA, J.P. y BURKE, H.R. 1983. Trichobaris bridwelli, a new host for Bracon mellitor (Anthonomus grandis. Biological control) *The Southwestern Entomologist*. 8(1):65-66.
- 0240 CURRY, G.L.; CATE, J.R. y SHARPE, P.J.H. 1982. Cotton bud drying: contributions to boll weevil mortality (Anthonomus grandis. Gossypium hirsutum, models). *Environmental Entomology* 11(2) : 344-350
- 0241 CUSHMAN, R.A. 1911. Studies in the biology of the boll weevil in the Mississippi Delta region of Louisiana. *Journal of Economic Entomology* 4: 432-448.
- 0242 CHANG, Y.Y.H. y FRAZIER, J.L. 1979. Time course of enzyme development in the boll weevil. Anthonomus grandis (Sterile male release. control). *Comparative Biochemistry and Physiology*. B. *Comparative biochemistry* 62(1):45-50.
- 0243 _____ y HEITZ, J.R. 1979. Time course of enzyme development in the boll weevil, Anthonomus grandis. *Comparative Biochemistry and Physiology*. B. 62(1):45-50.
- 0244 _____ y HAYNES, J.W. 1979 . Differential enzyme activity in normal and sterile boll weevils (Sterile male release for control of Anthonomus grandis) *Comparative Biochemistry and Physiology* B. *Comparative biochemistry* 62(1): 51-54.
- 0245 _____ y RIEMANN, J.G. 1967 .^H₂-Thymidine radioautographic study of spermatogenesis in the boll weevil, Anthonomus grandis. *Ann. Entomol. Soc. Am.* 60:975-979.

- 0246 CHANG, S.C. y STOKES, J.B. 1979. Conjugation: the major metabolic pathway of ¹⁴C (carbon isotope)-diflubenzuron in the boll weevil (Anthonomus grandis grandis, pest of cotton). *Journal of Economic Entomology* .72 (1) 15-19.
- 0247 _____ y WOODS, C.W. 1979. Metabolism of ¹⁴C (carbon isotopes)-penflurone in the boll weevil (Anthonomus grandis grandis). *Journal of Economic Entomology*. 72(5) : 781-784.
- 0248 CHERRY, E.T. 1974. Monitoring boll weevil movement with pheromone traps (Anthonomus grandis, cotton). *Tenn Farm Home Sci.Prog. Rep.* 90: 27-29, Map.
- 0249 _____ ; BRYAN, J.M. y McCUTCHEON, T.C. 1974. Boll weevil management studies (Anthonomus grandis, cotton). *Tenn Farm Home Sci. Prog.* Rep. 90: 32-34.
- 0250 _____ ; CONNELL, J.M. y McCUTCHEON, T. 1973 .Boll weevil control with frego bract cotton (Anthonomus grandis, Miridae). *Tenn. Farm Home Sci.Prog. Rep.* 87: 10-11.
- 0251 _____ y PENDERGRASS, J.E. 1973 .The use of pheromone traps for survey of overwintering boll weevil populations in West Tennessee. (Anthonomus grandis, cotton). *Tenn Farm Home Sci. Prog.Rep.* 86: 20-21,Map.
- 0252 _____ ; _____ ; BRYAN, J.M. y GODDARD, R.J. 1973 .Boll weevil population suppression with late-season insecticide applications. (Anthonomus grandis, cotton). *Tenn Farm Home Sci. Prog.Rep.* 86: 11-13.
- 0253 CHESNUT, T.L.y CROSS, W.H. 1971 .Arthropod parasite of the boll weevil. Anthonomus grandis, 2. Comparisons of their importance in the United States over a period of thirty-eight years. *Entomol. Soc. Amer. Ann* 64(3): 549-557, Map.
- 0254 CHIANG, H.C.; GLASS, E.H.;HAYNES, D.L.;OMAN, P.;REYNOLDS,H.T. y EDEN, W.G. 1973 .The pilot boll weevil eradication experiment. (Anthonomus grandis, cotton pest). *Bull Entomol Soc. Am* 19(4): 218-221, Map.

- 0255 CHISHOLM, W.C. 1970 . Lower insecticide cost and increased yield under diapause boll weevil control (Anthonomus grandis, cotton) Cotton Prod-mech Conf. Sum-proc. 22-23.
- 0256 DAMESHEK, W.; GRANVILLE, H.B. y RUBIO, F. 1958 . Therapy of the myeloproliferative disorders with myleran. Ann.N.Y. Acad.Sci. 68: 1001.
- 0257 DANTAS, G. 1932 . A cultura do algodão no Brasil e a constante ameaça da mais terrível de suas pragas o gorgulho das maças Anthonomus grandis Boh. Rio de Janeiro, Brasil, Superintendência do Serviço do Algodão, 17 pág.
- 0258 DAUM, R.J.; GAST, R.T. y DAVICH, T.B. 1969 . Boll weevils with dyes fed in a cotton seed oil bait. Journal of Economic Entomology 62(4): 943-944.
- 0259 _____ ; _____ y _____ 1969 . Marking adult boll weevils (Anthonomus grandis) with dyes fed in a cottonseed oil bait. Journal of Economic Entomology 62(4): 943-944.
- 0260 _____ :McKIBBEN, G.H.; DAVICH, T.B. y McLAUGHLIN, R.E. 1969 . Development of the bait principle for boll weevil control: Calco Oil Red N-1700 dye for measuring ingestion. Journal of Economic Entomology 62:370-75.
- 0261 DAVICH, T.B. 1976 . Boll weevil (Anthonomus grandis) sterility (cotton). ARS-S/U.S. Agric.Res. Serv. South Reg.71: 53-58, Map.
- 0262 _____ 1976 . Boll weevil (Anthonomus grandis) suppression, management and elimination technology (cotton). Proceedings of a conference, February 13-15, 1974, Memphis, Tennessee. ARS-S/U.S. Agric. Res. Serv. South Reg. 71: 1-172, Maps.
- 0263 _____ Effect of male-baited traps on populations of boll weevils (Anthonomus grandis Boh). USDA, ARS, State College, Mississippi, USA. 19 pág.

- 0264 DAVICH, T.B. 1976. Research progress since the pilot boll weevil (Anthonomus grandis) eradication experiment was completed (Cotton pest control). Proc. Beltwide Cotton Prod. Res. Conf.:139-141.
- 0265 _____ 1969 .Sterile-male technique for control or eradication of the boll weevil, Anthonomus grandis Boh. Panel Sterile-male Tech. Erad. Contr. Harmful Insects Proc.:65-72, Map.
- 0266 _____ 1970 .Trapping of weevils by sex lure in reproduction-diapause control areas. (Anthonomus grandis, cotton, Texas, Mississippi). Cotton Prod-mech Conf. Sum-proc.:12-15
- 0267 _____ ; HARDEE, D.D. y ALCALA, M.J. 1970 .Long-range dispersal of boll weevils determined with wing traps baited with males. (Anthonomus grandis). Journal of Economic Entomology 63(5): 1706-1708.
- 0268 _____ ; KELLER, J.C.;MITCHELL,E.B.;HUDDLESTON,P.; HILL,R.;LINDQUIST, D.A.; McKIBBEN, G. y CROSS, W.H. 1965 Preliminary field experiments with sterile males for eradication of the boll weevil. Journal of Economic Entomology 58: 127-131.
- 0269 _____ ; LINDQUIST, D.A. y HACSKAYLO, J. 1965..Boll weevil eggs in cotton squares for systemic insecticide and host-plant-resistance studies. Journal of Economic Entomology 58(2):366-368.
- 0270 _____ ; MERKL, M.E.;MITCHELL, E.B.; HARDEF, D.D.;GAST,R.T.;McKIBBEN, G.H. y HUDDLESTON, P.M. 1967 .Field experiments with sterile males for eradication of the boll weevil. Journal of Economic Entomology 60: 1533-1538.
- 0271 DAVIS, B.D. 1969 .Dynamics of bobwhite quail in the West Texas rolling plains. Job Nº 7. Effect on quail, migratory birds and nongame birds from aerial application of malathion and other insecticides. Unpublished Job. Prog.Rep.,State of Texas Parks and Wildlife Dept. Austin, Texas, 12 págs.

- 0272 DAVIS, J.W., COWAN JUNIOR, C.B. y PARENCEA JUNIOR, C.R. 1967. Emergence of overwintered boll weevils from hibernation sites near Waco, Texas. Journal of Economic Entomology 60: 1102-1104.
- 0273 _____ et al. 1962. Field experiment with insecticides on cotton for control of the boll weevil, bollworm, and cotton leafworm in 1961. Journal of Economic Entomology 55(5):688-692.
- 0274 _____; HARDING, J.A. y WOLFENBARGER, D.A. 1975. Activity of a synthetic pyrethroid against cotton insects (Heliothis virescens, Heliothis zea, Anthonomus grandis). Journal of Economic Entomology 68(3): 373-374.
- 0275 _____; WATKINS JUNIOR,W.C.; COWAN JUNIOR, C.B.:RIDGWAY,R.L. y LINDQUIST, D.A. 1966. Control of several cotton pests with systematic insecticides. Journal of Economic Entomology 59: 159-162.
- 0276 _____; WOLFENBARGER, D.A. y HARDING, J.A. 1977. Activity of several synthetic pyrethroids against the boll weevil (Anthonomus grandis) and Heliothis spp. (Cotton pests, control, Texas). Southwest Entomol. 2(4): 164-169.
- 0277 DAXL, R. 1978 .Population dynamics of Anthonomus grandis Boh. on cotton and its integrated control in Nicaragua. In Congreso Nacional de Entomología, 12º Guadalajara, Jal., México 1977. Folia Entomológica Mexicana Nº 39-40 :180.
- 0278 DEAN, P. 1982 .Confusing and killing cotton pests. Agricultural Research 31(1-2):4-5.
- 0279 DEAN, G. y LINCOLN, C. 1976. Various small plot tests on control of cotton insects (Heliothis zea, Anthonomus grandis, Heliothis virescens). Arkansas Agricultural Experiment Station, Arkansas Farm Res. 25(1): 14.
- 0280 DEBORD, D. 1974 .Importance of cotton. National Cotton Council of America. Unpublished Mimeo. Rep. 3 pag., 14 tables.

- 0281 DEMICHELE, D.W.; CURRY, G.L.; SHARPE, P.J.H. y BARFIELD, C.S. 1976. Cotton bud drying: a theoretical model (Anthonomus grandis, mortality, crop environment) Environmental Entomology 5(5): 1011-1016.
- 0282 DEMILO, A.B.; BORKOVEC, A.B. y McHAFFEY, D.G. 1972. Chemosterilants against the boll weevil. 2-s-triazines (Anthonomus grandis). Journal of Economic Entomology 65(6): 1548-1550.
- 0283 _____; OLIVER, J.E.; FYE, R.L. y HAYNES, J.W. 1977. Styrylsulfonamides as chemosterilants against house flies and boll weevils (Musca domestica, Anthonomus grandis). ARS-NE/U.S. Agric. Res. Serv. Northeast Reg. 84: 1-7.
- 0284 _____; TERRY, P.H. y RAINS, D.M. 1978. Simple Derivatization procedure for gas-liquid chromatographic analysis of diflubenzuron in pond water and for analysis of its trifluoromethyl analog penfluron in boll weevils (Anthonomus grandis). Journal Assoc. Off. Anal. Chem. 61(3): 629-635.
- 0285 DESPUES de un invierno seco, mucho cuidado con el picudo de verano. Algodonero (Nicaragua) 7(25): 23-25. 1977.
- 0286 DIAZ B., F.A. 1978. Presencia en Venezuela de parásitos (Hymenoptera: Braconidae) del picudo del algodonero, Anthonomus grandis Boh. (Coleoptera: Curculionidae). Revista de la Facultad de Agronomía, Universidad Central de Venezuela 135-143.
- 0287 DIAZ, F. y GUTIERREZ, F. 1978. Presencia en Venezuela de parásitos (Hymenoptera: Braconidae) del picudo del algodonero Anthonomus grandis Boheman. (Coleoptera, Curculionidae). En Jornadas Internas de la Escuela de Agronomía, 1º, Barquisimeto, Venezuela, 1978. Resúmenes de los trabajos presentados. Barquisimeto, Venezuela, Universidad Centro Occidental, 43 págs.
- 0288 DICKERSON, W.A.; MCKIBBEN, G.H.; LLOYD, E.P.; KEARNEY, J.F.; LAM JUNIOR, J.J. y CROSS, W.H. 1981. Field evaluation of a modified in-field boll weevil (Anthonomus grandis) trap (cotton). Journal of Economic Entomology 74(3): 280-282, ill.

- 0289 DIETERICH, W.H. 1965 .Folex: Acute dietry administration to Pekin ducks and bobwhite quail. Unpublished report. Hazleton Laboratories, Inc. December 1. 6 págs.
- 0290 DOMINGUEZ R., Y. 1976 .Influencia de distintas condiciones climáticas sobre la distribución de Anthonomus grandis Boheman en México. En Congreso Nacional de Entomología, 11º, México, D.F. 1976. Folia Entomológica Mexicana N° 36:34-35.
- 0291 DRABEK, J. y BACHMANN, F. 1983 .Proinsecticides:structure-activity relationships in carbamoyl sulfenyl N-methylcarbamates. En Pesticide chemistry: human welfare and the environment. Proceedings of the 5th International Congress of Pesticide Chemistry, Kyoto, Japan, 29 August-4 September 1982. Ed. by J. Miyamoto y otros. Oxford, UK, Pergamon Press, 1. págs. 271-277.
- 0292 DUNN, H.A. 1964. Cotton boll weevil (Anthonomus grandis Boh.); Abstracts of research publicaciones, 1843-1960. US Dep. Agr. Coop. State Res.Serv. Misc.Publ. 985. 194.pág.
- 0293 EARLE, N.W. 1980 .Heat-induced paralysis in the adult boll weevil (Anthonomus grandis): effect on reproduction and longevity. Environmental Entomology 9(3) :309-310.
- 0294 _____ et al. 1978 .Pheromone production and sterility in boll weevils: effect of acute and fractionated gamma irradiation. Journal of Economic Entomology 71(4): 591-595.
- 0295 _____ et al. 1979 .Pheromone production and sterility in boll weevils: effect of acute and fractionated gamma irradiation. Journal of Economic Entomology 72:591-595.
- 0296 _____ ; LAMBREMONT, E.N.; BURKS, M.L.; SLATTEN, B.H.y BENNETT, A.F. 1967 .Conversion of β -sitosterol to cholesterol in the boll weevil, and the inhibition of larval development by two aza sterols. Journal of Economic Entomology 60:291~293 .
- 0297 _____ y LEOPOLD, R. 1975. Sterilization of the boll weevil (Anthonomus grandis):vacuum fumigation with hempa combined with feeding busulfan-treated diet (Chemosterilants). Journal of Economic Entomology 68(3):283-286.

- 0298 EARLE, N.W. y McGOVERN, W.L. 1979. Pattern of distribution of ^{32}P (phosphorus isotope)-tagged, sterile male boll weevils (Anthonomus grandis) dropped by plane (Biological control). Journal Georgia Entomological Society 14(3):269-277. ill.
- 0299 y NEWSON, L.D. 1964. Initiation of diapause in the boll weevil. Journal of Insect Physiology 10:131-139.
- 0300 y NILAKHE, S.S. 1979. Mating ability of irradiated male boll weevils (Anthonomus grandis grandis) treated with diflubenzuron or penflurone. Journal of Economic Entomology 72(3): 334-336.
- 0301 y 1977 .Radiosensitivity of different stages of spermatogenesis in the boll weevil (Anthonomus grandis). Ann Entomol Soc Am 70(2): 229-233.
- 0302 ; PADOVANI, I; THOMPSON, M.J. y ROBBINS, W.E. 1970. Inhibition of larval development and egg production in the boll weevil following ingestion of ecdysone analogues (Anthonomus grandis). Journal of Economic Entomology 63(4): 1064-1069.
- 0303 y SIMMONS, L.A. 1979. Boll weevil (Anthonomus grandis grandis): ability to fly affected by acetone, irradiation and diflubenzuron (Chemosterilant). Journal of Economic Entomology 72(4): 573-575.
- 0304 y 1979 .Laboratory studies of sterility and competitiveness of boll weevils (Anthonomus grandis grandis)-irradiated in an atmosphere of nitrogen, carbon dioxide, or air. Journal of Economic Entomology 72(5):687-691.
- 0305 ; NILAKHE, S.S.; VILLAVASO, E.J; McKIBBEN, G.H. y SIKOROWSKI, P.P. 1979 .Pheromone production and sterility in boll weevils: effect of acute and fractionated gamma irradiation. Journal of Economic Entomology, Maryland, 72:591-595.
- 0306 ; SLATTEN, B.y BURKS, M.L. Jr. 1967 .Essential fatty acids in the diet of the boll weevil. Anthonomus grandis Boheman. Journal of Insect Physiol. 13: 187-200.

- 0307 EARLE, N.W.; VILLAVASO, E.; ERNST, N. y GLOVER, D. 1976. Laboratory quality-control studies of sterility in boll weevils (Anthonomus grandis) produced for the Mississippi pilot eradication experiment (Cotton). ARS-S/U.S. Agric. Res. Serv. South Reg. 128: 1-15.
- 0308 _____; WALKER, A.B. y BURKS, M.L. 1966. An artificial diet for the boll weevil, Anthonomus grandis, based on the analysis of amino acids in cotton squares. Ann. Entomol. Soc. Am. 59: 664-668.
- 0309 _____; _____ y SLATTEN, B.H. 1967. Sparing of cholesterol by cholestanol in the diet of the boll weevil, Anthonomus grandis. Ann. Entomol. Soc. Am. 60: 559-603.
- 0310 EDEN, W.G. 1968. First conference on test methods for resistance in insects of agricultural importance: Method for the boll weevil and tentative method for spider mites. Bull. Entomol. Soc. Am. 14:31-37.
- 0311 _____. 1976. Report of Entomological Society of America Review Committee on the Pilot Boll Weevil (Anthonomus grandis) Eradication Experiment (Cotton), ARS-S/U.S. Agric. Res. Serv. South Reg. 71:126.
- 0312 ENFIELD, F.D.; NORTH, D.T. y ERICKSON, R. 1981. Response to selection for resistance to gamma radiation in the cotton boll weevil (Anthonomus grandis). Annals of the Entomological Society of America. 74 (4): 422-424.
- 0313 _____; _____ y _____. 1980. Short term response to selection for resistance to irradiation in the cotton boll weevil (Anthonomus grandis, abstract only). Genetics 94 (4, pt.2 supp.1), pág.532.
- 0314 ESTERILIZANTE DEL PICUDO; gran paso para erradicar esta plaga del algodón. Agricultura de lasAméricas. Kansas, 21(1): 24-6. 1972.
- 0315 EVALUACION DE INSECTICIDAS para el control del Picudo del Algodonero. México, Campo Agrícola Experimental Valle de Santo Domingo, Informe Técnico de labores 1974-1975, 1977. Pág.8-9.

- 0316 EVERETT, T.R. 1964. Feeding and oviposition reaction of boll weevils to cotton, althea, and okra flower buds. *Journal of Economic Entomology* 57(1): 165-166.
- 0317 _____ et al 1975. Boll weevil oviposition responses in cotton squares and various other substrates. *Journal of Economic Entomology* 57(5): 651-666.
- 0318 EWING, K.P. y IVI, E.E. 1943. Some factors influencing bollworm populations and damage. *Journal of Economic Entomology* 36: 602-606.
- 0319 EYE, R.E. y CARRANZA, R. 1970 .Boll weevil investigations. (Anthonomus grandis, Pectinophora gossypiella, cotton). *Ariz. Univ. Ext. Ser P* 17: 83
- 0320 FALCON, L.A.; VAN DEN BOSCH, R.; FERRIS, C.F.; STROMBERG, L.K.:ETZEL, L.D.; STINNER, R.E. y LEIGHT, T.F. 1968. A comparison of season-long pest control programs in California during 1966. *Journal of Economic Entomology* 61: 633-642.
- 0321 FALL BOLL weevil control. 1924. Clemson, South Carolina. Clemson Agricultural College. Information Card Nº 32, 1 págs.
- 0322 FELTNER, R.L. 1975 .Boll weevil (Anthonomus grandis) eradication: program and plans (cotton). Sum Proc. Beltwide Cotton Prod-Mech Conf. págs.14-15.
- 0323 FENTON, F.A. y DUNNAM, E.W. Biology of the cotton boll weevil at Florence. U.S. Department of Agriculture. Technical Bulletin Nº 112, 1929. 75 págs.
- 0324 _____ y 1928 .Dispersal of the cotton boll weevil Anthonomus grandis Boh. *Journal of Agricultural Research* 36: 135-149.
- 0325 FILLMAN, D.A.: STERLING,W.L. y DEAN, D.A. 1983 .Precision of several sampling techniques for foraging red imported fire ant(Hymenoptera: Formicidae) workers in cotton fields(Solenopsis invicta,Anthonomus grandis,biological control). *Journal of Economic Entomology* 76(4) 748-751.

- 0326 FISCHER JUNIOR, P. 1966 Effects of aircraft applications of malathion on fish and aquatic invertebrates. Federal Aid Project N° F-17-R-1. Job Completion Report. January 24. 14 págs.
- 0327 FLINT, H.M.: BIBOW, W.R. y LAHREN, C.K. 1966 Radiation studies with the boll weevil: Lethal effects on larvae, pupae, and adults; male sterility and dose fractionation. Journal of Economic Entomology 59:1249-1255.
- 0328 _____; EARLE, N.; EATON, J. y KLASSEN, W. 1973 Chemosterilization of the female boll weevil. (Anthonomus grandis, cotton) Journal of Economic Entomology 66(1):47-53.
- 0329 _____; EATON, J. y KLASSEN, W. 1972. The use of Fumidil-B to reduce microsporidian disease in colonies of the boll weevil (Anthonomus grandis), Entomol. Soc. Amer. Ann. 65(4):942-945.
- 0330 _____; WALK, E.L.: KLASSEN, W. y GREENBERG, D. 1971 Biological effects of irradiation with thermal neutrons on boll weevils fed boric acid containing boron 10, (Anthonomus grandis). Journal of Economic Entomology 64(5): 1002-1008.
- 0331 FLORES GARCIA, R.; BODEGAS VALERA, R. y COSS FLORES, M.E. de. Determinación del estado fisiológico en el cual el picudo del algodonero Anthonomus grandis, atraviesa la época seca en la zona del Soconusco, Chiapas, México. Centro de Investigaciones Ecológicas del Sureste, México. Boletín de Información N° 2, 1977. 9 pág.
- 0332 FLYNN JUNIOR, C.W. Experiments in the late planting of cotton to avoid boll weevil damage during 1906. Baton Rouge, Louisiana Agricultural Experiment Station Bulletin N° 92, 1907. 8 pág.
- 0333 FONS, J. y CAWLEY, B.M. Candidate pesticides for quarantine use. (Anthonomus grandis, Heliothis virescens, Musca domestica, Anopheles quadrimaculatus, Aedes taentorhynchus, Rhipicephalus sanguineus, Blattella germanica). US Agric Res. Reprints NAL: aS21. A8U5/AR. 1978.

- 0334 A FORMIGA de Guatemala e o cotton boll weevil. Boletim de Agricul-
tura (Brasil) 5: 437. 1904.
- 0335 FOWDEN, G.M. y JENKINS, J.N. 1969. Factors contributing to resistance
and susceptibility of cotton and other hosts to the boll weevil,
Anthonomus grandis. Entomologia Experimentalis et Applicata
12(5): 801-810.
- 0336 FRISBIE, R. 1976. Implementation and economic returns from the
systems approach to pest management in cotton (Anthonomus grandis).
En Proceedings of International Congress of Entomology 15th:
587-607.
- 0337 _____. 1976. Role of pheromone traps in survey, detection,
program evaluation and related biological studies (Anthonomus
grandis, cotton). Texas Agricultural Experiment Station.
Res. Monogr. 8: 32-36. Map.
- 0338 FRYXELL, P.A. 1967. Hampea and the boll weevil. A correction.
Science 156: 1770.
- 0339 _____. 1969. The genus Hampea (Malvaceae). Brittonia 21:359-396.
- 0340 _____. y LUKEFAHR, M.J. 1967. Hampea Schlecht: Possible primary
host of the cotton boll weevil. Science 155: 1568.
- 0341 FURR, R.E. y MERKL, M.E. 1967. Residual toxicity of three phosphorus
insecticides to the boll weevil. Journal of Economic Entomology
60: 748-750.
- 0342 FYE, R.E. 1969. Longevity and fecundity of the boll weevil complex
in Arizona. Journal of Economic Entomology 62: 1408-1412.
- 0343 _____. 1968. Populations of boll weevil in selected fields in
Arizona in 1965 and 1966. Journal of Economic Entomology 61:
377-380.

- 0344 FYE, R.E. 1972 :Preliminary investigation of vertical distributions of fruiting forms and insects on cotton plants.(Anthonomus grandis). Journal of Economic Entomology 65(5): 1410-1414
- 0345 _____ 1968 . Spread of the boll weevil by drainage water and air currents.(Anthonomus grandis thurberiae). Journal of Economic Entomology 61(5): 1418-1424.
- 0346 _____ 1968 . The Thurberia weevil in Arizona. (Anthonomus grandis thurberiae, insect biology). Journal of Economic Entomology 61(5): 1264-1268.
- 0347 _____ y BONHAM, C.D. 1970 . Analysis of populations of the boll weevil in one acre of cotton at Florence, South Carolina, in 1957-59. (Anthonomus grandis). Journal of Economic Entomology 63(5): 1505-1510.
- 0348 _____ y _____. 1972 . Relationship of temperatures to boll weevil complex populations in Arizona. US Dep. of Agr. Agr. Res.Serv. Prod. Res. Rep. Nº 136. 18 pag.
- 0349 _____ y _____. 1970 . Summer temperatures of the soil surface and their effect on survival of boll weevils in fallen cotton squares. (Anthonomus grandis). Journal of Economic Entomology 63(5): 1599-1602.
- 0350 _____ ; COLE, C.L. y BULL, D.L. 1970 . Populations of boll weevils in selected fields in Presidio county, Texas, and Ojinaga, Chihuahua, Mexico in late 1968 subsequent to reproductive-diapause control programs in 1965-1967 (Anthonomus grandis) Journal of Economic Entomology 63(4): 1084-1086. Map.
- 0351 _____ ; _____; TINGLE, F.C.; STONER, A.; MARTIN, D.F. y CURL, L.F. 1968 . A reproduction-diapause control program for the boll weevil in the Presidio, Texas-Ojinaga, Chihuahua area, 1965-67. Journal of Economic Entomology 61:1660-1666.

- 0352 FYE, R.E. et. al. 1959. Time between puncture by the boll weevil and fall of the punctured cotton square. Journal of Economic Entomology 52(1): 134-136.
- 0353 _____ y LEGGETT; J.E. 1969. Winter survival in Arizona of thurberia weevils released from thurberia bolls. (Anthonomus grandis thurberia, cotton). Journal of Economic Entomology 62(2): 467-470.
- 0354 _____; _____ y BONHAM, C.D. 1970. Winter survival of the boll weevil complex in Arizona (Anthonomus grandis). Journal of Economic Entomology 63(4): 1071-1074.
- 0355 _____; McMILLIAN, W.W.; WALKER, R.L. y HOPKINS, A.R. 1959. The distance into woods along a cotton field at which the boll weevil hibernates. Journal of Economic Entomology, Maryland, 52(2): 310-312.
- 0356 _____ y PARENCEA JUNIOR, C.R. 1972. The boll weevil complex in Arizona. US Dep. Agr., Agr. Res. Serv; Prod. Res. Rep. N°139 24 págs.
- 0357 _____; PATANA, R. y McADA, W.C. 1969. Developmental periods for boll weevils reared at several constant and fluctuating temperatures. Journal of Economic Entomology 62: 1402-1405.
- 0358 GAINES, R.C. 1951. Beneficial insects' role in cotton insect control. Acco Press. Págs. 22-24.
- 0359 _____. Cotton boll weevil survival and emergence in hibernation cages in Louisiana. U.S. Department of Agriculture, Technical Bulletin N°486, 1935. 28 págs.
- 0360 _____. 1957. Cotton insects and their control in the United States. Ann. Rev. Entomology 2: 319-338.
- 0361 _____. Ecological investigations of the boll weevil, Tallulah, Louisiana 1915-1958. U.S. Department of Agriculture. Technical Bulletin N° 1208, 1959. 20 págs.

- 0362 GAINES, R.C. 1943. Effect of boll weevil and cotton aphid control on yield as shown in a factorial experiment in 1941. *Journal of Economic Entomology* 36(4):493-495.
- 0363 _____ 1953. Relation between winter temperature, boll weevil survival, summer rainfall, and cotton yields. *Journal of Economic Entomology* 46(4):685-688.
- 0364 GAMBOA, L.P.; JARA P., B. y RISCO, A.B. 1981. Evaluación de daños del picudo del algodonero (Anthonomus vestitus Bohm.) y su parasitismo en el Valle de Ica. En Convención Nacional de Entomología, 24., Tacna, Perú, 1981. Lima, Perú, Sociedad Entomológica del Perú, 1981. 37 págs.
- 0365 GANYARD, M.C.; BRADLEY JUNIOR, J.R.; BOYD, F.J. y BRAZZEL, J.R. 1977. Field evaluation of diflubenzuron(Dimilin) for control of boll weevil (Anthonomus grandis) reproduction (Cotton pests). *Journal of Economic Entomology* 70(3): 347-350.
- 0366 _____ ; _____ y _____ 1978 Wide-area field test of diflubenzuron for control of an indigenous boll weevil (Anthonomus grandis) population (cotton). *Journal of Economic Entomology* 71(5): 785-788.
- 0367 _____ y BRAZZEL,J.R 1967. Phosphate insecticides and defoliants applied singly and in combination for control of boll weevils. *Journal of Economic Entomology* 60:1027-1029.
- 0368 _____ ; _____ ; DILLIER, J.H. y MILLER, A.E. 1981. Boll weevil (Anthonomus grandis) eradication trial. Proceedings of the Beltwide Cotton Production Research Conference 1981. Pág.38-41. Maps.
- 0369 _____ y WORLEY JUNIOR, G.B. North Carolina cotton insect pest (Anthonomus grandis, Heliothis zea) management. USDA, AES; NCSU, Raleigh Second Annual report: 1973 - 1975, 13 págs.. Maps.

- 0370 GARD, I.E. y HUNKAPILLER, P. 1983. Cotton boll weevil insecticides: a residual efficacy comparison (Anthonomus grandis). Proceedings of the Beltwide Cotton Production-Mechanization Conference, págs. 93-95.
- 0371 GASSNER, G. III; CHILDRESS, D. y KLEMETSON, D.J. 1975. Spermiogenesis in boll weevil, Anthonomus grandis Boheman (Coleoptera: curculionidae). Int. J. Insect Morphol. Embryol 4(2):115-125.
- 0372 _____; POMONIS, G. y EATON, J. 1974. Boll weevil chemo-sterilization by hypobarometric distillation(Anthonomus grandis, control). Journal of Economic Entomology 67(2): 278-280.
- 0373 GAST, R.T. 1966. A spray technique for implanting boll weevil eggs on artificial diets. Journal of Economic Entomology 59:239-240.
- 0374 _____ 1966. Control of four diseases of laboratory-reared boll weevils. Journal of Economic Entomology 59:793-797.
- 0375 _____ 1966. Oviposition and fecundity of boll weevils in mass-rearing laboratory cultures. Journal of Economic Entomology 59(1):173-176.
- 0376 _____ y DAVICH, T.B. 1966. Insect Colonization and Mass Production, ed. C.N. Smith, 406-18. New York: Academic 618.pág.
- 0377 _____ y LANDIN, M. 1966. Adult boll weevils and eggs marked with dye fed in larval diet. Journal of Economic Entomology 59:474-475.
- 0378 GEORGIA, State Board of Entomology. The Mexican cotton boll weevil (Anthonomus grandis Boh.). Atlanta, 1916. 22 págs. il.
- 0379 GILLILAND, F.R. A large-scale boll weevil suppression experiment (Anthonomus grandis Boh.). Auburn University, Department of Zoology-Entomology, Alabama, USA, 19 págs.

- 0380 GILLILAND, F.R. 1971 . The Coosa River Valley Research Program (Anthonomus grandis). Cotton Ginners J. Yearbook. Pág. 34-35.
- 0381 GILLILAND JUNIOR, F.R. 1974 . Traps and trap crops for boll weevil suppression (Anthonomus grandis) . Proceedings of the Beltwide Cotton Production Research Conferences. Pág. 128-130.
- 0382 _____ y DAVICH, T.B. 1968 . Influence of population density on mating behavior of chemosterilized, untreated, or overwintered boll weevils, Anthonomus grandis. Ann. Entomol. Soc. Am. 61: 834-836.
- 0383 _____ y _____. 1968. Sexual competitiveness of male boll weevils sterilized with apholate unaffected by diet. Journal of Economic Entomology 61:852-853.
- 0384 _____ ; LAMBERT, W.R. y DAVIS, R.L. 1976. Evaluation of a trap crop system for boll weevil (Anthonomus grandis) suppression (Cotton). ARS-S/U.S. Agric. Res. Serv. South Reg. 71: 90-94.
- 0385 _____ ; _____ ; WEEKS, J.R. y DAVIS, R.L. 1973. A pest management system for cotton insect pest suppression (Anthonomus grandis, Heliothis). Alabama, Agricultural Experiment Station Prog. Rep. Ser. Agric. Exp. Stn. Aub. Univ. 105. 6 págs.
- 0386 _____ ; _____ ; _____ y _____ 1976 . Trap crops for boll weevil (Anthonomus grandis) control. ARS-S/U.S. Agric. Res. Serv. South Reg. 71: 41-44.
- 0387 _____ y MCCOY, C.E. 1969 . The behavior of newly emerged boll weevils (Anthonomus grandis). Entomol Soc. Amer. Ann 62(3) : 602-605.
- 0388 GLICK, B. y MITLIN, N. 1968 . An immunological study of the antigens of Anthonomus grandis and Anthonomus grandis thurberiae. Ann. Entomol. Soc. Am. 61:548-550.

- 0389 GLICK, P.A. 1983. The influence of cultural practices on arthropod populations in cotton. USDA Agricultural Reviews and Manuals N-ARM-S-32. 52 pág.
- 0390 GLOVER JUNIOR, D.; CLOWER, D.F. y JONES, J.E. 1975. Boll weevil (Anthonomus grandis) and bollworm (Heliothis) damage as affected by upland cotton strains with different cytoplasms. Proc. of the Beltwide Cotton Prod. Res. Conf. Pág. 99-102.
- 0391 GOMES, N.M.S. Bibliografia internacional de pragas do algodoeiro (Gossypium hirsutum L) (Vol.1) EMBRAPA, Departamento de Informação e Documentação, Brasilia, 1981. 787 pág.
- 0392 GOMEZ LOPEZ, U. 1981. Manejo del picudo Anthonomus grandis Boheman; en el cultivo del algodonero, en el Valle del Sinu. Sociedad Colombiana de Entomología, Seminario sobre Picudo del algodonero, Montería, Pág. 15-22.
- 0393 GOODIN, P.L. 1976. To mark the male (Anthonomus grandis, cotton). U.S. Agricultural Research Service, Agric. Res. 25(3): 6-7.
- 0394 GRAHAM, H.M. y HERNANDEZ JUNIOR, N.S. 1979. Seasonal incidence of diapause in boll weevil (Anthonomus grandis) populations in the lower Rio Grande Valley of Texas (Pest of cotton). The Southwestern Entomologist 4(3): 170-175.
- 0395 _____; _____; LLANES, J.R. y TAMAYO, J.A. 1978. Overwintering habitats of the boll weevil (Anthonomus grandis) in the lower Rio Grande Valley, Texas (Cotton pests). Environ. Entomol. 7(3): 345-348.
- 0396 GRASSNER, G., III; CHILDRESS, D. y KLEMENTSON, D.J. 1975. Spermiogenesis in boll weevil, Anthonomus grandis Boheman (Coleoptera:Curculionidae) International Journal of Insect Morphology & Embryology 4(2): 115-125.
- 0397 GREEN, H.W. 1967. Dynamics of bobwhite quail in the West Texas rolling plains. State of Texas Parks and Wildlife Dept. Job completion report for Federal Aid Projct N°W-88-R-6. Pág. 1-6.

- 0398 GRIFFIN, J.G. 1978. A system for the egg planting operation in boll weevil mass rearing. Trans. ASAE 21: 470-472.
- 0399 . Actuator system for operating small ball valves (Mechanical equipment used to make food pellets for boll weevils, Anthonomus grandis, cotton). USDA, S & E.A. Agr. Res. South Reg. Advances in Agricultural Technology, 1979. 4 págs.
- 0400 . 1982. Effect of oviposition cage size on egg production and hatch when mass rearing boll weevils (Anthonomus grandis grandis). Journal of Economic Entomology 75(2): 351-352.
- 0401 . Egg planter for a boll weevil (Anthonomus grandis) mass rearing operation. USDA, S & E.A. Agr. Res. South Reg. Advances in Agricultural Technology, 1979. 5 págs.
- 0402 . 1979. Emergence cabinet for mass rearing of boll weevils. U.S. Sci. Educ. Adm. Adv. Agric. Technol. South. Serv. 10. 6 págs.
- 0403 . Equipment for cooling larval diet in a boll weevil mass-rearing operation (Anthonomus grandis, cotton). USDA, S & E.A. Agr. Res. South Reg. Advances in Agricultural Technology, 1979. 3 págs.
- 0404 . 1982. Influence of relative humidity and temperature on egg production and hatch from boll weevils (Coleoptera:Curculionidae) (Anthonomus grandis). Environmental Entomology (5): 1029-1031.
- 0405 . 1983. Mechanized system for preparing trays of medicated diet used in the boll weevil (Coleoptera:Curculionidae) sterilizing operation (Anthonomus grandis). Journal of Economic Entomology 76(6): 1470-1472.
- 0406 . 1979. Oviposition cage and auxiliary equipment for mass rearing of boll weevils. US Sci. Educ. Adm. Adv. Agric. Technol. South Ser. 5. 5 págs.

- 0407 GRIFFIN, J.G. "Rackveyor" for use in mass rearing of boll weevils (Anthonomus grandis). U.S.D.A., S. & E.A. Agr. Res. South Reg. Advances in Agricultural Technology, 1979. 3 págs.
- 0408 _____ 1982. Recycled brine used for egg harvesting in boll weevil production (Anthonomus grandis, cotton pest). The Southwestern Entomologist 7(3):155-158.
- 0409 _____ y LINDIG, O.H. 1974 . Flash sterilizers: sterilizing artificial diets for insects. Journal of Economic Entomology 67: 689.
- 0410 _____ y Emergence cabinet for mass rearing of boll weevils (Anthonomus grandis) U.S.D.A., S. & E.A. Agr. Res. South Reg. Advances in Agricultural Technology, 1979. 6 pag.
- 0411 _____ y 1975. Granular materials used in implanting boll weevil (Anthonomus grandis) eggs on artificial diet (Mass rearing). Journal of Economic Entomology 68(4):433-434.
- 0412 _____ y 1974 . Mechanized production of boll weevil diet pellets. Trans. ASAE 17: 15-19.
- 0413 _____ y Oviposition cage and auxiliary equipment for mass rearing of boll weevils (Anthonomus grandis). U.S.D.A., S. & E.A. Agr. Res. South Reg. Advances in Agricultural Technology, 1979. 5 págs.
- 0414 _____ y Pilot facility for mass rearing of boll weevils (Anthonomus grandis, cotton). Tech. Bull. U.S. Dept. Agric. Nº 1576, 1978. Pág. 75-78.
- 0415 _____ y System for mass rearing boll weevil (Anthonomus grandis) in a laboratory (Cotton), Mississippi Agricultural and Forestry Experiment Station, 1979. 15 págs.
- 0416 _____ y 1977. System for mechanical harvesting of boll weevil eggs from diet pellets (Anthonomus grandis). Trans ASAE (Am.Soc.Agric.Eng) 20(3):454-456.

- 0417 GRIFFIN, J.G. y LINDIG O.H. 1973. Ultraviolet lamp pass-through cabinet for use in boll weevil (Anthonomus grandis Boh.) mass rearing facility. *Journal of Economic Entomology*. 66(5): 1063-1066.
- 0418 ; ; ROBERSON, J.; y SIKOROWSKI, P. System for mass rearing boll weevils in a laboratory. *Miss. Agric. For. Exp. Stn. Tech. Bull.* 95, 1979. 15 págs.
- 0419 ; y MALONE, O.L. 1983. Comparison of tray sizes for mass rearing boll weevils (Coleoptera:Curculionidae) (Anthonomus grandis). *Journal of Economic Entomology* 76(4): 964-965.
- 0420 ; y ROBERSON, J. 1980. New and improved techniques for mass rearing boll weevils (Anthonomus grandis grandis). *The Southwestern Entomologist* 5(3):165-168.
- 0421 ; ; y MALONE, O.L. 1980. Boll weevil (Anthonomus grandis grandis) development in mass rearing effects of temperature. *Environmental Entomology* 9(1):72-74.
- 0422 ; SIKOROWSKI, P.P. y LINDIG, O.H. Mass rearing boll weevils (Anthonomus grandis, sterile weevils for use in cotton insect eradication programs). U.S. Department of Agriculture, Agriculture Handbook 589, 1983. Pág. 265-301.
- 0423 GRODNER, M.L. 1975. Aberrant spermatogenesis in hybrid progeny of subspecies of the boll weevil Anthonomus grandis Boheman(Coleoptera: Curculionidae). *International Journal of Insect Morphology & Embryology* 4(2):107-114.
- 0424 ; 1979. Fine structure of the spermathecal gland of the cotton boll weevil. Anthonomus grandis Boheman (Coleoptera: Curculionidae). *International Journal of Insect Morphology and Embryology*.8(1): 51-58.
- 0425 ; y STEFFENS, W.L. 1978. Evidence of a chemotactic substance in the spermathecal gland of the female boll weevil (Anthonomus grandis) (Coleoptera:Curculionidae). *Trans Am. Microsc. Soc* 97(1):116-120.

- 0426 GROSSMAN, E.F. 1929. Control of the cotton boll weevil by insect enemies. Science 69:362
- 0427 Hibernation of the cotton boll weevil under controlled temperature and humidity. Gainesville, Florida Agricultural Experimental Station Bulletin N° 240, 1931. 19 págs.
- 0428 1928. How the boll weevil ingest poison. Gainesville, University of Florida. 25 págs.
- 0429 Methods for making counts of boll weevil infestation. Gainesville, Florida Agricultural Experiment Station. Bulletin N° 241, 1931. 22 págs.
- 0430 Poisoning cotton boll weevils. Gainesville, Florida Agricultural Experiment Station Bulletin N° 434, 1931. 2 págs.
- 0431 y CALHOUN, P.W. Determination of the winter survival of the cotton boll weevil by field counts. Gainesville, Florida Agricultural Experiment Station. Bulletin N° 233, 1931. 47 págs.
- 0432 GUELDRNER, R.C. et al. 1970. Constituents of the cotton bud. 19. Attractancy to the boll weevil of the terpenoids and related plant constituents. Journal of Economic Entomology 63(6):1819-1821.
- 0433 ; HEDIN, P.A. y WOODARD, D.N. 1975 . Mineral content of boll weevils (Anthonomus grandis), cotton buds and synthetic diets (Mass rearing). Journal of Economic Entomology 68(4):428-430.
- 0434 ; SIKOROWSKI, P.P. y WYATT, J.M. 1977 . Bacterial load and pheromone production in the boll weevil, Anthonomus grandis. Journal of Invertebrate Pathology 29(3):397-398.
- 0435 : THOMPSON, A.C.; HARDEE, D.D. y HEDIN, P.A. 1970 . Constituents of the cotton bud. XIX. Attractancy to the boll weevil of the terpenoids and related plant constituents (Anthonomus grandis). Journal of Economic Entomology 63(6): 1819-1821.

- 0436 GUELDRER, R.C. y WIYGUL, G. 1978. Rhythms in pheromone production of the male boll weevil (Anthonomus grandis). Science 199(4332): 984-986
- 0437 GUERRA, A.A. y GARCIA, R.D. 1982. Seasonal patterns of boll weevil response to grandlure-baited traps in the subtropical Rio Grande Valley of Texas (Anthonomus grandis grandis). The Southwestern Entomologist 7(4):216-220.
- 0438 : y TAMAYO, J.A. 1982. Physiological activity of the boll weevil during the fall and winter in subtropical areas of the Rio Grande Valley of Texas (Anthonomus grandis grandis, cotton pest) Journal of Economic Entomology 75(1):11-15.
- 0439 : y WOLFENBARGER, D.A. 1980. Activity of three cyclohexadiene analogues against the boll weevil and tobacco budworm (Anthonomus grandis, Heliothis virescens). The Southwestern Entomologist 5(3): 153-157.
- 0440 : WIYGUL, G. y GARCIA, R.D. 1983. Oxygen consumption in boll weevil, Anthonomus grandis Boheman (Coleoptera:Curculionidae), from subtropical areas of the Rio Grande Valley of Texas. Comparative Biochemistry and Physiology, A. 74(2):263-265.
- 0441 GUICE JUNIOR, O.T. 1976. Regulatory activities carried on under the Pilot Boll Weevil (Anthonomus grandis) Eradication Experiment, 1971-73 (Cotton). ARS-S/U.S.Agric. Res. Serv. South Reg. 71: 73-74.
- 0442 GUILBAULT, G.G.; KUAN, S.S. y SADAR, M.H. 1970 . Purification and properties of cholinesterases from honeybees -Apis mellifera Linnaeus- and boll weevils - Anthonomus grandis Boheman. Journal of Agricultural and Food Chemistry 18(4)692-697.
- 0443 GURROLA C.,G. y SIFUENTES A.,J.A. 1972 . Control del picudo del algodonero. Anthonomus grandis Boh. en el Estado de Guerrero. Agricultura Técnica en México 3(4): 123-127.

- 0444 GUTIERREZ, A.P. 1979. Management of cotton pests. EPPO Bull. 9(3):265-272.
- 0445 ; DAXL, R.; QUANT, G.L. y FALCON, L.A. 1981. Estimating economic thresholds for bollworm, Heliothis zea Boddie and boll weevil, Anthonomus grandis Boh., damage in Nicaraguan cotton, Gossypium hirsutum L. Environmental Entomology 10(6): 872-879.
- 0446 ; ; y . Estimación del umbral económico de daños causados al algodón (Gossypium hirsutum L.) por el bellotero (Heliothis zea Boddie) y por el picudo (Anthonomus grandis Boh). En: Control integrado de plagas en sistemas de producción de cultivos para pequeños agricultores, Centro Agronómico Tropical de Investigación y Enseñanza, Turrialba, Costa Rica, 1979. Pág. 173-188, Vol.2.
- 0447 y WANG, Y. 1979 .The interaction of cotton and boll weevil (Anthonomus grandis) (Lepidoptera: Gelichiidae) a study of co-adaptation. Canadian Entomologist 111(3): 357-366.
- 0448 GUTMANN, A.; PAYNE, T.L.; ROBERTS, E.A.; SCHULTE-ELTE, K.H.; GIERSCH, W. y OHLOFF, G. 1981 .Antennal olfactory response of boll weevil to grandlure and vicinal dimethyl analogs (Synthetic sex and aggregation pheromone, Anthonomus grandis). Journal of chemical ecology 7(6): 919-926.
- 0449 GUZMAN, M.A. 1982 .Aspectos estadísticos para estimar niveles de daño de plagas. En Curso sobre Control Integrado de Plagas del Algodón, San Salvador, El Salvador 1982. (Trabajos). San Salvador, Ministerio de Agricultura y Ganadería. 6 págs.
- 0450 HALLAZGO ESTERILIZANTE del picudo; gran paso para erradicar esta plaga del algodón. Agricultura de las Américas 21(1): 24-26. 1972
- 0451 HAMER, J.L.; ANDREWS, G.L.; SEWARD, R.W.; YOUNG JUNIOR, D.F. y HEAD, R.B. Optimum pest management trial in Mississippi (Anthonomus grandis, cotton pests). United States Department of Agriculture, Agriculture Handbook Nº589.1983. Pág. 385-407.

- 0452 HAMMAN, P.J. Resistance of selected cotton stocks to damage by the boll weevil, Anthonomus grandis Boheman. Tesis, Texas A&M University, 1971. 96 págs.
- 0453 HANNY, B.W.; THOMPSON, A.C.; GUELDRNER, R.C. y HEDIN, P.A. 1973. An investigation of the essential oil of Hibiscus syriacus L. (Anthonomus grandis). J. Agric. Food Chem. 21(6):1001-1004.
- 0454 _____ ; _____ ; _____ y _____ 1973. Constituents of cotton seedlings: An investigation of the preference of male boll weevils for the epicotyl tips (Anthonomus grandis). J. Agric. Food Chem. 21(6):1004-1006.
- 0455 HARDEE, D.D. 1972. A review of literature on the pheromone of the boll weevil, Anthonomus grandis Boheman (Coleoptera: Curculionidae). Cooperative Economic Insect Report 22(14): 200-207.
- 0456 _____ 1975. Boll weevil (Anthonomus grandis) population management, detection or elimination with in-field traps (cotton). Proc. Beltwide Cotton Prod. Res. Conf. Pág. 132-135.
- 0457 _____ 1976. Development of boll weevil (Anthonomus grandis) trapping technology (Cotton). ARS-S/U.S. Agricultural Res. Serv. South Reg. 71:34-40.
- 0458 _____ 1977. Managing and monitoring boll weevils (Anthonomus grandis) and tobacco budworms (Heliothis virescens) with gran-lure and virelure. Proc. Beltwide Cotton Prod. Mech. Conf. Pág. 78-79.
- 0459 _____ Mass trapping and trap cropping of the boll weevil, Anthonomus grandis Boheman (Use of male weevils and/or pheromone). En: Insect suppression with controlled release pheromone systems -editors, Agis F. Kydonieus, Morton Beroza, Boca Raton, Fla., CRC Press, 1982. Pág. 65-71.

- 0460 HARDEE, D.D. Monitoring the soil weevil (Anthonomus grandis) in technical and commercial operations. En: Management of insect pests with semiochemicals: -concepts and practice -edited by Everett R. Mitchell, New York; Plenum Press, c 1981. Pág. 13-17.
- 0461 _____ y BOYD, F.J. 1976 . Trapping during the Pilot Boll Weevil (Anthonomus grandis) Eradication Experiment, 1971-73 (Cotton). ARS-S/U.S. Agric. Serv. South Reg. 71:82-89.
- 0462 _____ ; CLEVELAND, T.C.; DAVIS, J.W. y CROSS W.H. 1970 . Attraction of boll weevils to cotton plants and to males fed on three diets (Anthonomus grandis). Journal of Economic Entomology 63(3): 990-991.
- 0463 _____ y CROSS, W.H. Response of boll weevils (Anthonomus grandis Boheman) to synthetic pheromone (grandlure) in cage and field studies in Mexico and the United States. USDA Entomology Research Division State College, Mississippi, USA. 122 págs.
- 0464 _____ ; _____ ; HUDDLESTON, P.M. y DAVICH, T.B. 1970 . Survey and control of the boll weevil in west Texas with traps baited with males. (Anthonomus grandis). Journal of Economic Entomology 63(4): 1041-1048.
- 0465 _____ ; _____ y MITCHELL E.B. 1969 . Male boll weevils are more attractive than cotton plants to boll weevils. Journal of Economic Entomology 62(1):165-169.
- 0466 _____ ; _____ ; _____ ; HUDDLESTON, P.M. y MITCHELL, H.C. 1972 . Capture of boll weevils in traps baited with males: effect of size, color, location, and height above ground level. (Anthonomus grandis, cotton). Environ Entomology 1(2): 162-166.
- 0467 _____ , et al. 1969 . Biological factors influencing responses of the female boll weevil to the male sex pheromone in field and large-cage tests. Journal of Economic Entomology 62:161-165.

- 0468 HARDEE, D.D.; GRAVES, T.M.; McKIBBEN, G.H.; JOHNSON, W.L.; GUELDNER, R.C. y OLSEN, C.M. 1974. A slow-release formulation of grandlure, the synthetic pheromone of the boll weevil (Anthonomus grandis). Journal of Economic Entomology 67(1): 44-46.
- 0469 _____; LINDIG, O.H. y DAVICH, T.B. 1971. Suppression of population of boll weevils over a large area in West Texas with pheromone traps in 1969. (Anthonomus grandis). Journal of Economic Entomology 64(4): 928-33. Map.
- 0470 _____; McKIBBEN, G.H.; GUELDNER, R.C.; MITCHELL, E.B.; TUMILINSON, J.H. y CROSS, W.H. 1972. Boll weevils in nature respond to grandlure, a synthetic pheromone (Anthonomus grandis). Journal of Economic Entomology 65(1): 97-100.
- 0471 _____; _____ y HUDDLESTON, P.M. 1975. Grandlure for boll weevils (Anthonomus grandis): controlled release with a laminated plastic dispenser (Cotton). Journal of Economic Entomology 68(4): 477-479.
- 0472 _____; _____; RUMMEL, D.R.; HUDDLESTON, P.M. y COPPEDGE, J.R. 1974. Response of boll weevils to component rations and doses of the pheromone, grandlure. (Anthonomus grandis, cotton, pests, control). Environ Entomology 3(1): 135-138.
- 0473 _____; MITCHELL, E.B. y HUDDLESTON, P. 1967. Laboratory studies of sex attraction in the boll weevil. Journal of Economic Entomology 60:1221-1224.
- 0474 _____; MOODY, R.; LOWE, J. y PITTS, A. 1975. Grandlure, in field traps, and insecticides in population management of the boll weevil (Anthonomus grandis, cotton). Journal of Economic Entomology 68(4): 502-504.
- 0475 _____; WILSON, N.M.; MITCHELL, E.B. y HUDDLESTON, P.M. 1971. Factors affecting activity of grandlure, the pheromone of the boll weevil, in laboratory bioassays (Anthonomus grandis). Journal of Economic Entomology 64(6): 1454-1456.

- 0476 HARDING, J.A. 1975 .Boll weevil (Anthonomus grandis) and tobacco budworm (Heliothis virescens) field control tests in the Lower Rio Grande Valley of Texas, 1974 (Cotton). Texas Agricultural Experiment Station, P.R. Tex. Agric. Exp. Stn. Coll. Stn. 3362. 3 Pág.
- 0477 _____; HUFFMAN, F.R.; WOLFENBERGAR, D.A. y DAVIS, J.W. 1977 . Insecticidal activity of alpha-cyano-3-phenoxybenzyl pyrethroids against the boll weevil (Anthonomus grandis) and tobacco budworm (Heliothis virescens). Southwest Entomol. 2(1):42-45.
- 0478 _____ y WOLFENBARGER, D.A. 1980 .Evaluation of diflubenzuron for boll weevil (Anthonomus grandis) control in the lower Rio Grande Valley of Texas. The Southwestern Entomologist (suppl.1):27-30.
- 0479 HARP, S.J. y TURNER, V.V. 1976 .Evaluation of various pheromone trap designs for effectiveness in monitoring boll weevil (Anthonomus grandis) populations (cotton). Res. Monogr. Texas Agric. Exp. Stn. 8: 10-15.
- 0480 HARRELL, E.A. y GRIFFIN, J.G. Facility for mass rearing of boll weevils. Engineering aspects (Anthonomus grandis, cotton). U.S.D.A., S & E.A. Agr. Res. South Reg. Advances in Agricultural Technology, 1981 (19). 77 págs.
- 0481 _____; PERKINS, W.D. y SPARKS, A.N. 1980 .Improved equipment and techniques for mechanizing the boll weevil (Anthonomus grandis) larval rearing system. Transactions of the ASAE - American Society of Agricultural Engineers 23(6): 1554-1556.
- 0482 _____; _____; _____ y MOORE, R.F. 1977 .Mechanizing techniques for adult boll weevil (Anthonomus grandis) Coleoptera:Curculionidae production. Transactions of the ASAE - American Society of Agricultural Engineers 20(3): 450-453.
- 0483 _____; SPARKS, A.N.; HARE, W.W.y PERKINS, W.D. 1974 .Processing diets for mass rearing of insects. U.S. Agric. Res. Serv. (Rep.) ARS-S-44. 4.Pág.

- 0484 HARRIS, F.A. 1970 Monitor of insecticide resistance. (Heliothis zea, Anthonomus grandis). Miss Agr. Exp. Sta. Inform Sheet 1120, 2 págs.
- 0485 _____; LLOYD, E.P. y BAKER, D.N. 1966 Effects of the fall environment on the boll weevil in northeast Mississippi. Journal of Economic Entomology 59: 1327-1330.
- 0486 _____; _____; LANE, H.C. y BURT, E.C. 1967. Influence of light on diapause in the boll weevil. I. Dependence of diapause response on the spectral composition of the light used to extend the photoperiod. Journal of Economic Entomology 60:1565-1567.
- 0487 _____; _____; _____ y _____. 1969 Influence of light on diapause in the boll weevil (Anthonomus grandis). II. Dependence of diapause response on narrow bands of visible radiation and a broad band of infrared radiation used to extend the photoperiod. Journal of Economic Entomology 62(4): 854-857.
- 0488 _____ y McDANIEL, S.G. 1973 Malathion ULV (ultra-low volume) tested at several rates for reproduction-diapause weevil control. (Anthonomus grandis, cotton). MAFES Res. Highlights (Miss. Agric. For. Exp. Stn) 36(1):3-7.
- 0489 _____; SHAUNAK, K.K.; WILSON, C.A.; HURST, G.A. y SIMMONS, C.L. 1976 Effects of the Pilot Boll Weevil (Anthonomus grandis) Eradication Experiment on nontarget species (Heliothis zea, Helicthis virescens, cotton). ARS-S/U.S. Agric. Res. Serv. South Reg. 71:113-118.
- 0490 HARWALKER, M.R.; HAYNES, J.W. y MITLIN, N. 1974 A quick staining procedure to determine the testicular damage to boll weevils sterilized with busulfan (Anthonomus grandis). Entomol. Exp. Appl. 17(2): 319-321.
- 0491 HAYNES, J.W. 1981 Effects of soil temperatures and chilling on flight and mortality of sterile boll weevils (Pectinophora gossypiella, Anthonomus grandis). Journal of the Georgia Entomological Society 16(2): 254-257.

- 0492 HAYNES, J.W. 1983 .Technique for measuring female attractiveness to sterile male boll weevils (Coleoptera:Curculionidae) (Anthonomus grandis). Journal of Economic Entomology 76(4):966-968.
- 0493 _____ 1978. The effect of diflubenzuron plus busulfan or apholate on the mass-reared ebony strain of boll weevils (Anthonomus grandis). Journal of the Georgia Entomological Society 13(3): 256-260.
- 0494 _____ ; DAVICH, T.B.; MITLIN, N. y SLOAN, C.E. 1971. Shipment of large numbers of boll weevils in small containers (Anthonomus grandis). Journal of Economic Entomology 64(1):325-327.
- 0495 _____ ; DAWSON, J.R. y BORKOVEC, A.B. 1976 .Effects of chemosterilant fumigation on the mortality and sterility of boll weevils(Anthonomus grandis, cotton). ARS-S/U.S. Agric. Res. Serv. South Reg. 132. 6 págs.
- 0496 _____ ; _____ ; MITLIN, N. y DAVICH, T.B. 1976 .Quality control assessments of male sterility during the 1972 and 1973 pilot boll weevil (Anthonomus grandis) eradication experiment (cotton). Tech. Bull Miss State Univ. Agric. For. Exp. Stn. 81, 11 págs.
- 0497 _____ ; _____ ; _____ y PAULK, J.I. 1978. Sterilization of the boll weevil (Anthonomus grandis) by radioactive fumigation(Krypton). Journal of the Georgia Entomological Society 13(4): 345-350.
- 0498 _____ et al. 1972 .Chemosterilants screened against the boll weevil in dipping and feeding tests. U.S. Dept.Agr., Agr. Res. Serv,Prod. Res. Rep. Nº 141. 21 págs.
- 0499 _____ ; MATTIX, E.; MITLIN, N.; BORKOVEC, A.B. y LINDIG, O.H. 1976 . New chemosterilants for boll weevils (Anthonomus grandis, cotton). ARS-S/U.S. Agric. Res. Serv. South Reg. 131-140 págs.
- 0500 _____ ; McGOVERN, W.L. y WRIGHT, J.E. 1981 .Diflubenzuron(solvent-water suspension) dip for boll weevils (Anthonomus grandis): Effects measured by flight, sterility and sperm transfer. Environmental Entomology 10(4): 492-495.

- 0501 HAYNES, J.W. y MITCHELL, E.B. 1977 .Fractionated irradiation of boll weevils (Anthonomus grandis) during pupal development: effect of sperm depletion and transfer as measured by female responsiveness. Journal of Economic Entomology 70(4):411-412.
- 0502 ; MITLIN, N.; DAVICH, T.B.; DAWSON, J.R.;McGOVERN, W.L. y McKIBBEN, G.H. 1977 .Sterilization of boll weevil (Anthonomus grandis) pupae with fractionated doses of gamma irradiation. Entomol Exp. Appl. 21(1):57-62.
- 0503 ; ; : NAIL, B.J. y DAWSON, J.R. 1975 .Mating and sterility of male boll weevils (Anthonomus grandis) treated with busulfan plus hempa (cotton pests). Environ. Entomology 4(2): 315-318.
- 0504 ; ; y SLOAN, C.E. 1971 .Evaluation of candidate chemosterilants for the boll weevil (Anthonomus grandis). U.S.D.A. Prod. Rep. 120. 24.págs.
- 0505 ; ; SLOAN, C.E.y DAWSON, J.R. 1973 .Busulfan: development of improved methods of sterilizing boll weevils. (Anthonomus grandis, biological control). Journal of Economic Entomology 66(3):619-622.
- 0506 y WRIGHT, J.E. 1979 .Antifertility effects of compounds screened against the boll weevil. Anthonomus grandis Boheman (cotton). Agricultural and Forestry Experiment Station. 7.págs.
- 0507 y 1978 .Boll weevil (Anthonomus grandis): experimental sterilization of large numbers by fractionated irradiation. Journal of Economic Entomology 71(6): 943-946.
- 0508 y 1981 .Diflubenzuron feeding plus X-irradiation of boll weevils (Anthonomus grandis): effects of dose rate on sterility and survival (Cotton). Journal of the Georgia Entomological Society 16(3):376-385.

- 0509 HAYNES, J.W. y WRIGHT, J.E. 1979 . Fractionated vs acute irradiation: the effects of treating adult boll weevils (Anthonomus grandis) (Coleoptera:Curculionidae) at different ages. *Entomologia Experimentalis et Applicata* 26(1):61-66.
- 0510 _____ y 1979 . Fumigation of boll weevil (Anthonomus grandis grandis) pupae with bisazir to induce sterility. *Journal of Economic Entomology* 72(6):823-825.
- 0511 _____ y 1982 . Laboratory competitiveness of sterilized boll weevils (Anthonomus grandis, genetic control, Mississippi). *Journal of the Georgia Entomological Society* 17(3):382-388.
- 0512 _____ y 1982 . Sterilization of boll weevils with combined chemosterilant and irradiation treatments. *Southwestern Entomologist* 7(1):56-59.
- 0513 _____ ; _____ y MATTIX, E. 1981 . A diflubenzuron dust method of sterilizing female boll weevils (Coleoptera:Curculionidae)(Anthonomus grandis). *Mississippi Agricultural & Forestry Experiment Station Research Report* 6(4): 4.
- 0514 HEAD, R.B. 1981 . Control overwintered boll weevils. *Mississippi State University, Cooperative Extension Service (USA), Information Sheet* № 1161.
- 0515 HEDIN, P.A. 1977 . A study of factors that control biosynthesis of the compounds which comprise the boll weevil (Anthonomus grandis) pheromone (Cotton; reprinted from *Journal of Chemical Ecology*). U.S. Agric. Res. Serv. (Reprints of articles by ARS employees 3(3):279-289.
- 0516 _____ 1976 . Grandlure development (Anthonomus grandis, cotton). *ARS-S/U.S. Agric. Res. Serv. South Reg.* 71:31-33.
- 0517 _____ ; GUELDRNER, R.C.; HENSON, R.D. y THOMPSON, A.C. 1974 . Volatile constituents of male and female boll weevils (Anthonomus grandis and their frass), *Journal of Insect Physiology* 20(11): 2135-2142.

- 0518 HEDIN, P.A.; GUELDRNER, R.C. y THOMPSON, A.C. 1976 .Utilization of the Boll weevil (Anthonomus grandis) pheromone for insect control (Cotton), ACS Symp. Ser. (Amer. Chem.Soc) 23:30-52.
- 0519 ; HARDEE, D.D.; THOMPSON, A.C. y GUELDRNER, R.C. 1974 .An assessment of the life time biosynthesis potential of the male boll weevil (Anthonomus grandis). Journal of Insect Physiology 20(9): 1707-1712.
- 0520 ; LINDIG, O.H. y GUELDRNER, R.C. 1975 .A study of the air space volatiles present in a boll weevil (Anthonomus grandis) mass rearing facility. Journal of Economic Entomology 68(5): 592-594.
- 0521 ; SIKOROWSKI, P.P. y WYATT, M. 1978 .Suppressants of gut bacteria in the boll weevil (Anthonomus grandis) from the cotton plant. Journal of Economic Entomology 71(3): 394-396.
- 0522 ; WIYGUL, G. 1982 .Enhancement of boll weevil Anthonomus grandis Boh. (Coleoptera:Curculionidae) pheromone biosynthesis with JH III. Experientia. 38(3): 375-376.
- 0523 ; McKIBBEN, G.H. 1979 .Identification and field evaluation of the compounds comprising the sex pheromone of the female boll weevil (Anthonomus grandis). Journal of Chemical Ecology 5(4): 617-627.
- 0524 ; MILES, L.R.; THOMPSON, A.C. y GUELDRNER, R.C. 1972 .Constituents of the boll weevil. V. Factors inhibiting larval development (Anthonomus grandis). Journal of Economic Entomology 65(5):1231-1235.
- 0525 ; ; y 1972 .Constituents of the boll weevil. VI. Effect of free fatty acid content on larval development. (Anthonomus grandis). Journal of Economic Entomology 65(5): 1284-1286.

- 0526 HEDIN, P.A.; ROLLINS, C.S. y THOMPSON, A.C. 1975 .Pheromone production of male boll weevils (Anthonomus grandis) treated with chem-sterilants. Journal of Economic Entomology 68(5):587-591.
- 0527 _____; THOMPSON, A.C. y GUELDRER, R.C. 1976. Cotton plant and insect constituents that control boll weevil (Anthonomus grandis)behavior and development. Recent Adv Phytochem. 10: 271-350.
- 0528 _____; _____ y _____ 1975. Survey of the air space volatiles of the cotton plant (as attractant for its pest Anthonomus grandis). Phytochemistry 14(9): 2088-2090.
- 0529 _____; _____ y _____ 1973. The boll weevil-cotton plant complex (Anthonomus grandis). Toxicol Environ Chem Rev 1(4):291-351.
- 0530 _____; _____; _____ y HENSON, R.D. 1974 .Analysis of the anti-microbial agents, potassium sorbate and methyl-p-hydroxybenzoate, in boll weevil diets (Anthonomus grandis). Journal of Economic Entomology 67(2): 147-149.
- 0531 _____; _____; _____ y MINYARD, J.P. 1972. Volatile constituents of the boll weevil (Anthonomus grandis). Journal of Insect Physiology 18(1): 79-86.
- 0532 _____; _____ y MINYARD, J.P. 1966. Constituents of the cotton bud. III. Factors that stimulate feeding by the boll weevil. Journal of Economic Entomology 59:181-185.
- 0533 HEILMAN, M.D. y NAMKEN, L.N. 1979 .Evaluation of an integrated short-season management production system for cotton (Includes control of Anthonomus grandis and Heliothis zea). Journal of Economic Entomology 72(6): 896-900.
- 0534 HELMS, D. 1980 .Revision and reversion: changing cultural control practices for the cotton boll weevil (Anthonomus grandis). Agricultural history 54(1):108-125.

- 0535 HELMS, D. 1979 . Technological methods for boll weevil control (Anthonomus grandis, nineteenth century entomology, U.S.). Agricultural history 53(1): 286-299.
- 0536 HENDRICKS, A.G. 1983 . Effects of high-altitude exposure on survival and behavior of tobacco budworms (Lepidoptera: Noctuidae) and boll weevils (Coleoptera: Curculionidae) (Heliothis virescens, Anthonomus grandis). Environmental Entomology 12(6): 1897-1903.
- 0537 HENNEBERRY, T.J. Selected examples of dispersal of arthropods associated with agricultural crop and animal production (Cochliomyia hominivora, Pectinophora gossypiella, Heliothis, Lygus, Anthonomus grandis, biological pest control). En: Radar, insect population ecology and pest management - editors Charles R. Vaughn, Wayne Wolf and Waldemar Klassen. Wallops Island, Va., Wallops Flight Center, NASA, 1979. Pág. 23-33.
- 0538 HENSON, R.D. Studies on the phospholipids, neutral lipids and steroids of the boll weevil. Anthonomus grandis Boheman and its host plant. Tesis Mississippi State University, 1973. 71 págs.
- 0539 ; BULL, D.L.; RIDGWAY, R.L. y IVIE, G.W. 1976 Identification of the oxidative decomposition products of the boli weevil (Anthonomus grandis)pheromone, grandlure, and the determination of the fate of grandlure in soil and water. Journal of Agric. Food Chem. 24(2):228-231.
- 0540 ; THOMPSON, A.C.; GUELDRNER, R.C. y HEDIN, P.A. 1972 . Constituents of the boll weevil. VII. The molting hormone: isolation studies. (Anthonomus grandis). Entomol. Soc. Amer. Ann. 65(4): 981-982.
- 0541 ; ; y 1975 . Effect of a systemic juvenile hormone peptide analog on the developing boll weevil (Anthonomus grandis)(Coleoptera:Curculionidae). J. Miss Acad. Sci. 20:40-41.

- 0542 HENSON, R.D.; THOMPSON, A.C.; GUELDRER, R.C. y HEDIN, P.A. 1971. Phospholipid composition of the boll weevil. Anthonomus grandis Boheman. Lipids 6(5): 352-355.
- 0543 _____; _____; _____ y _____ 1972. Variations in lipid content of the boll weevil during metamorphosis. (Anthonomus grandis). Journal of Insect Physiology 18(2):161-167.
- 0544 _____; VINSON, S.B. y BARFIELD, C.S. 1977. Ovipositional behavior of Bracon mellitor Say. a parasitoid of the boll weevil(Anthonomus grandis Boheman). III. Isolation and identification of natural releasers of ovipositor probing. Journal of Chemical Ecology 3(2):151-158.
- 0545 HIMEL, C.M. 1969. The physics and biology of the control of cotton insect populations with insecticide sprays. Journal of Georgia Entomology Society 4:33-40.
- 0546 _____ 1976. Assessment of insecticide spray processes (Choristoneura fumiferana, Anthonomus grandis, Heliothis zea, Trichoplusia ni) Gen. Tech. Rep. PSW Pac. Southwest For Range Exp. Stn. USDA For Serv. 15:53-58.
- 0547 _____ y MOORE, A.D. 1969. Spray droplet size in the control of spruce budworm, boll weevil, bollworm, and cabbage looper. Journal of Economic Entomology 62:916-918.
- 0548 HINDS, W.E. 1924. Boll weevil control for Louisiana. Baton Rouge, Louisiana, Division of Agriculture Extension, Extension Circular Nº 71. 4 págs.
- 0549 _____ 1924. Poisoning the boll weevil on fruiting cotton; the regular dusting treatment. Baton Rouge, Louisiana, Division of Agricultural Extension, Extension Circular Nº 74. 4 págs.

- 0550 HOBBS, P.D. y MAGNUS, P.D. 1976 .Studies on terpenes. 4. Synthesis of optically active grandisol, the boll weevil (Anthonomus grandis) pheromone. J. Am. Chem. Soc. 98(15):4594-4600.
- 0551 HOLLINGSWORTH, J.P. y WITZ, J.A. 1978 Efficiency studies on the Leggett boll weevil trap (for control of the cotton pest Anthonomus grandis). Folia Entomológica Mexicana (39/40):65-66.
- 0552 ; y HARTSTACK JUNIOR, A.W. 1978 Retention efficiency of the Leggett boll weevil trap. Southwestern Entomologist 3(3):198-209.
- 0553 HOPKINS, A.R. y MOORE, R.F. 1980 Thidiazuron: effect of applications on boll weevil and bollworm population densities, leaf abscission, and regrowth of the cotton plant. Journal of Economic Entomology 73(6):768-770.
- 0554 ; y JAMES, W. 1982 Efficacy of diflubenzuron diluted in three volumes of oils on boll weevil progeny (Anthonomus grandis grandis, cotton pest). Journal of Economic Entomology 75(2):385-386.
- 0555 ; y TAFT, H.M. 1979 Comparison of spray nozzles for ground applications for control of cotton insects and spider mites (Anthonomus grandis grandis, Heliothis spp., Spodoptera exigua, Spodoptera frugiperda, Trichoplusia ni, Tetranychus cinnabarinus). Journal of Economic Entomology 72(2):180-183.
- 0556 ; y 1968 Control of certain cotton pests with Union Carbide UC-21149. Journal of Economic Entomology 61: 736-739.
- 0557 ; y 1967 Control of cotton pests by aerial application of ultra-low-volume (undiluted) technical insecticides. Journal of Economic Entomology 60:561-565.
- 0558 ; y 1964 Field experiments for control of the boll weevil, bollworm spp., and the cotton aphid on cotton in 1960-1962. Journal of Economic Entomology 57(4):509-511.

- 0559 HOPKINS, A.R.; TAFT, H.M. y AGEE, H.R. 1971 Movement of the boll weevil into and out of a cotton field as determined by flight screens (Anthonomus grandis). Entomol. Soc. Amer. Ann. 64(1): 254-257.
- 0560 ; y JAMES, W. 1979 Comparison of spray nozzles for ground applications for control of cotton insects and spider mites. Journal of Economic Entomology 72(2):180-183.
- 0561 ; y 1969 Life history of the boll weevil (Anthonomus grandis) in field cages. Journal of Economic Entomology 62 (4): 964-965.
- 0562 ; y 1975 Reference LD50 (lethal dose) values for some insecticides against the boll weevil (Anthonomus grandis). Journal of Economic Entomology 68(2): 189-192.
- 0563 ; y 1977 Tobacco budworm, bollworm, and boll weevil: effectiveness of newly developed experimental insecticides on cotton in the southeast. Journal of Economic Entomology 70(6):723-726.
- 0564 ; ; y JERNIGAN, C.E. 1970 Evaluation of substitutes for DDT in field experiments for control of the bollworm and boll weevil in cotton: 1967-69 (Heliothis zea, Anthonomus grandis). Journal of Economic Entomology 63(3):848-850.
- 0565 ; y ROACH, S.H. 1977 Boll weevils (Anthonomus grandis) Leggett traps as a substitute for woods trash examinations as an indicator of potential field populations. Journal of Economic Entomology 70(4):445-446.
- 0566 ; ; y JAMES, W. 1972 Movement and survival of boll weevils in several hibernation environments. (Anthonomus grandis). Journal of Economic Entomology 65(1):82-85.
- 0567 HOUSE, V.S.; ABLES, J.R.; JONES, S.L. y BULL, D.L. 1978 Diflubenzuron for control of the boll weevil (Anthonomus grandis) in unisolated cotton fields. Journal of Economic Entomology 71(5): 797-800.

- 0568 HOUSE, V.S. y HENSON, R.D. 1978. Laboratory and field evaluation of selected synthetic pyrethroids for cotton insect control (Anthonomus grandis, Heliothis virescens). Folia Entomológica Mexicana (39/40):60-67.
- 0569 _____; LINDQUIST, D.A. y RIDGWAY, R.L. 1976 .Distribution of a systemic insecticide in cotton plants after stem treatments (Cotton aphids, Aphis gossypii, and boll weevils, Anthonomus grandis). ARS-S/U.S. Agric. Res. Serv. South Reg. 86. 6 págs.
- 0570 HOWARD, L.A. 1894. A New Cotton Insect in Texas. USDA Div. Entomology, Insect Life 7:273.
- 0571 HOWARD, D.J.; KNOTT, W.B. y WOODARD, G. 1972 .Safety evaluation of grandlure. Unpublished report. Woodard Research Corp. Herndon, Virginia 22070. 2.5 págs.
- 0572 HOWE, R.W. 1916. Studies of the Mexican cotton boll weevil in the Mississippi Valley. USDA Dept. Bull. 358.
- 0573 HUDDLESTON, E.W.; ASHDOWN, D. y HERZOG, D.C. 1966 A comparison of the effects of the 1964 and 1965 High Plains boll weevil control program on population trends of nontarget arthropods. Agr. Ind. Entomol. Rep. N° 66-1, Texas Tech. Coll. 20 págs.
- 0574 _____; _____ y HILLS, T.M. 1967 . A comparison of the effects of the 1964, 1965 and 1966 High Plains boll weevil control program on population trends of nontarget arthropods. Agr. Ind. Entomol. Rep. N° 66-1, Texas Tech. Coll. 14 págs.
- 0575 _____; _____ y _____. 1967 . Spring population trends of nontarget insects following the third year of the High Plains boll weevil control program. Agr. Ind. Entomol. Rep. N° 67-2 (Supplemental). Texas Tech. Coll. 11 págs.
- 0576 _____; MITCHELL, E.B. y WILSON, N.M. 1977. Disruption of boll weevil (Anthonomus grandis) communication. Journal of Economic Entomology 70(1): 83-85.

- 0577 HUDDLESTON, E.W.; O'BRIEN, C.W.; WARD, C.R. y ASHDOWN, D. 1972.. Use of population indices to monitor the effect of the High Plains boll weevil control program on nontarget arthropods. Agr. Ind. Entomol. Rep. N° 72-1. Texas Tech. Univ. 48 págs.
- 0578 _____; WARD, C.R. y PULLEY, J.L. 1968 . Spring population trends of nontarget insects following the fourth year of the High Plains boll weevil control program. Agr. Ind. Entomol. Rep.(not numbered) Texas Tech. Coll. 12 págs.
- 0579 HUDSPETH, W.N.; JENKINS, J.N. y MAXWELL, F.G. 1969. Ascorbic acid impractical as a character for resistance in cotton to the boll weevil. Journal of Economic Entomology 62(3):583-584.
- 0580 HUNTER, W.D. The control of the boll weevil. USDA Farmers Bulletin N° 500, 1912. 14 págs.
- 0581 _____ The status of the boll weevil in 1909. USDA Bur. Entomol. Circ. N° 122, 1910. 12 págs.
- 0582 _____ y COAD, B.R. The boll weevil problem. USDA Farmers' Bulletin N° 1262, 1922. 21 págs.
- 0583 _____ y _____. The boll weevil problem. USDA Farmers' Bulletin N° 1329, 1923. 30 págs.
- 0584 HUREJ, M.; SIKOROWSKI, P.P. y CHAMBERS, H.W. 1982. Effects of bacterial contamination on insecticide-treated boll weevils (Coleoptera: Curculionidae) (Anthonomus grandis grandis). Journal of Economic Entomology 75(4):651-654.
- 0585 INSTITUTO INTERAMERICANO DE COOPERACION PARA LA AGRICULTURA. Biblioteca Conmemorativa ORTON. Bibliografía sobre picudo del algodón (Anthonomus grandis). Turrialba, Costa Rica. 1984. 30 págs.
- 0586 Programa de Sanidad Vegetal. Informe de la IV Reunión del Comité Técnico Regional en Sanidad Vegetal para el Área Sur. Chile, Santiago, 1983. 31 págs. y anexos.

0587. INSTITUTO INTERAMERICANO DE COOPERACION PARA LA AGRICULTURA. Programa de Sanidad Vegetal. Informe de la V Reunión del Comité Técnico Regional en Sanidad Vegetal para el Area Sur, Brasilia, Brasil, 1984.
- 0588 INGRAM, W.R. 1978. Cotton entomology in Barbados. Progress report 1 July 1976-30, June 1977. London UK, Centre for Overseas Pest Research. 55. (Incluye Anthonomus grandis.)
- 0589 JACOBSON, M. 1981. Anti-feedant for boll weevils (Anthonomus grandis, cotton plants, *Gossypium*, methyl ester of alpha-eleostearic acid, saponification of tung oil; citation only). United States Patent Office, United States patent (4.293.567). 3 págs.
- 0590 _____ 1966. Chemical insect attractants and repellents. Annual Rev. Entomology 11:403-422.
- 0591 _____ 1982 .Erythro-9, 10-dihydroxyoctadecan-1-ol acetate a boll weevil antifeedant (Compound isolated in low yield from tung oil was synthesized in high yield; Anthonomus grandis; citation only) United States Patent Office, United States patent (4.337.271).3 págs.
- 0592 _____ ; CRYSTAL, M.M. y KLEIMAN, R. 1981 .Effectiveness of several polyunsaturated seed oils as boll weevil feeding deterrents (Anthonomus grandis grandis, pest of cotton). Journal of the American Oil Chemists' Society 58(11):982-983.
- 0593 _____ ; _____ y WARTHEN JUNIOR, J.D. 1981. Boll weevil(Anthonomus grandis grandis) feeding deterrents from tung oil(expressed from Aleurites fordii, insecticidal potentials. Journal of agricultural and food chemistry 29(3): 591-593.
- 0594 _____ et al. 1978 .Chemistry and biological activity of insect feeding deterrents from certain weed and crop plants. En: Chapman R.F. and Bernays, E.A. eds. Proceedings of the 4th International Symposium-Insect and Host Plant, held at Fulmer Grange, Slough, England, 4-9 June 1978. Entomología Experimentalis et Applicata 24(3):448-457.

- 0595 JAMES, P.E.; HOLLINGSWORTH, J.P. SCHOENLEBER, L.G. y GLOVER, D. 1973. A mobile facility for rearing insects. (Anthonomus grandis, cotton) Journal of Economic Entomology 66(1): 245-247.
- 0596 JANY, W.C. 1983. Cythion ULV(ultra-low volume) (malathion concentrate) for control of boll weevils and secondary cotton insect pests (Anthonomus grandis, Heliothis spp.) Proceedings of the ... Beltwide Cotton Production-Mechanization Conference. Pág.86-88.
- 0597 _____ 1964. A technique for measuring certain aspects of the boll weevil. Journal of Economic Entomology 57(5):679-681.
- 0598 JENKINS, J.N. 1976. Boll weevil (Anthonomus grandis) resistant cotton varieties. ARS-S/U.S. Agric. Res. Serv. South Reg 71:45-49.
- 0599 _____ et al. Resistance to boll weevil Anthonomus grandis Boh. oviposition in cotton. Mississippi, Mississippi Agricultural Experiment Station, 3 págs.
- 0600 _____ ; McCARTY, J.C.; PARROTT, W.L.; LINDIG, O.H. y McLAUGHLIN, R.E. 1972. Genetic characteristics of an ebony, pearl strain of boll weevil (Anthonomus grandis). Journal of Economic Entomology 65(6): 1621-1623.
- 0601 _____ ; McLAUGHLIN, R.E.; PARROTT, W.L.y WOUTERS, C.J.J. 1970. Eliminating Glugea gasti (Protozoa: Microsporidia) from genetic stocks of the boll weevil (Anthonomus grandis). Journal of Economic Entomology 63(5): 1638-1639.
- 0602 _____ ; PARROTT, W.L. y JONES, J.W. 1975. Boll weevil (Anthonomus grandis) oviposition behavior: multiple punctured squares (Cotton lines). Environmental Entomology 4(6): 861:867.
- 0603 _____ y _____ 1971. Effectiveness of frego bract as a boll weevil resistance character in cotton. Crop Science 11(5): 739-743

- 0604 JENKINS, J.N.; PARROTT, W.L. y McCARTY, J.C. 1973 .The role of a boll weevil resistant cotton in pest management research. (Anthonomus grandis, integrated control). J. Environ Qual. 2(3): 337-340.
- 0605 ; ; y EARNHEART, A.T. 1978 Evaluation of primitive races of Gossypium hirsutum L. (cotton) for resistance to boll weevil (Anthonomus grandis). Tech. Bull. Miss Agric. For. Exp. Stn. 91. 13 págs.
- 0606 JERNIGAN, J.F. 1976 Extension and information roles in boll weevil (Anthonomus grandis) elimination (cotton). ARS-S/U.S.Agric. Res. Serv. South Reg. 71:161-162.
- 0607 JIMENEZ, N.C. 1981. Control cultural, químico y biológico del picudo del algodonero (Anthonomus grandis Boheman) en la zona algodonera del Sinú. Sociedad Colombiana de Entomología, Seminario sobre Picudo del algodonero, Montería. Pág.11-14.
- 0608 JOHANSEN, C.A.: LEVIN, M.D.; EVES, J.D.; FORSYTH, W.R.: BUSDICKER, H.B. JACKSON, D.S. y BUTLER, L.I. 1965. Bee poisoning hazard of undiluted malathion applied to alfalfa in bloom. Washington Agr. Exp. Station, Washington State University, Circular 455. 10 págs.
- 0609 JOHNSON, D.R. y GILREATH, M.E. 1982. Boll weevil, Anthonomus grandis grandis Boheman, pheromone trapping as an index of population trends. Journal of the Georgia Entomological Society 17(4):429-433.
- 0610 JOHNSON, E. y COAD, B.R. Dusting machinery for cotton boll weevil control. Washington Department of Agriculture, Farm. Bull. N°1098, 1920. 31 págs.
- 0611 JOHNSON, W.L. 1980. Marking of boll weevils (Anthonomus grandis grandis) inside cotton squares with Calco Oil Red N-1700. Journal of Economic Entomology 73(5): 664.
- 0612 ; CROSS, W.H.; LEGGETT, J.E.; McGOVERN, W.L.; MITCHELL, H.C. y MITCHELL, E.B. 1975. Dispersal of marked boll weevil (Anthonomus grandis): 1970/1973 studies. Ann. Entomol. Soc. Am 68(6): 1018-1022. Maps.

- 0613 JOHNSON, W.L.; CROSS, W.H. y McGOVERN, W.L. 1976. Long-range dispersal of marked boll weevil (Anthonomus grandis) in Mississippi during 1974(Cotton pests). Ann. Entomol. Soc. Am 69(3): 421-422.
- 0614 ; ; y MITCHELL, H.C. 1973. Biology of Heterolaccus grandis in a laboratory culture and its potential as an introduced parasite of the boll weevil in the United States. (Anthonomus grandis). Environmental Entomology 2(1): 112-118.
- 0615 ; McKIBBEN, G.H.; RODRIGUEZ, V.J. y DAVICH, T.B. 1976. Boll weevil (Anthonomus grandis): increased longevity of grandlure using different formulations and dispensers (on cotton fields). Journal of Economic Entomology 69(2):263-265.
- 0616 ; MITCHELL, E.B.; HUDDLESTON, P.M.; CROSS, W.H. y HEISER, R.F. 1982. Boll weevil capture efficiency: position and density of traps and grandlure dosage (Anthonomus grandis, cotton pest, Mississippi). Journal of Economic Entomology 75(3): 446-448.
- 0617 ; MOODY, D.S.; LLOYD, E.P. y TAFT, H.M. 1978. Boll weevil (Anthonomus grandis): egg hatch inhibition with four formulations of diflubenzuron (Cotton pest control). Journal of Economic Entomology 71(2):179-180.
- 0618 JOINER, R.L.; CHAMBERS, H.W. y BAETCKE, K.P. 1971. Toxicity of parathion and several of its photoalteration products to boll weevils(Anthonomus grandis). Bull Environ Contamination Toxicol 6(3): 220-224.
- 0619 JONES, D. y STERLING, W.L. 1978. Locomotory activity and distribution of overwintering boll weevils (Anthonomus grandis). Bull Environ Contamination Toxicol 3(4): 315-321.
- 0620 . y 1979. Manipulation of red imported fire ants (Solenopsis invicta) in a trap crop for boll weevil (Anthonomus grandis) suppression (biological control, Texas). Environmental Entomology 8(6):1073-1077.

- 0621 JONES, D. y STERLING, W.L. 1979. Rate and thresholds of boll weevil (Anthonomus grandis grandis) locomotory activity in response to temperature. Environmental Entomology 8(5): 874-878.
- 0622 _____ y 1979. Temperature thresholds for spring emergence and flight of the boll weevil (Anthonomus grandis grandis, cotton pests). Environmental Entomology 8(6): 1118-1122.
- 0623 JONES, J.W.; BOWEN, H.D.; BRADLEY JUNIOR, J.R.; STINNER, R.E. y SOWELL, R.S. 1975. The boll weevil (Anthonomus grandis) (Coleoptera:Curculionidae) feeding process: a simulation model (Cotton). Ecol. Model. 1(4):289-302
- 0624 _____ ; STINNER, R.E. y BACHELER, J.S. 1975. Female boll weevil (Anthonomus grandis) oviposition and feeding processes: a simulation model. Environmental Entomology 4(5): 815-821.
- 0625 _____ ; LLOYD, E.P. y STINNER, R.E. 1977. Insect population mortality: a dynamic model of insecticide effectiveness (for boll weevils, Anthonomus grandis). Environmental Entomology 6(6): 799-803.
- 0626 _____ ; SMITH, D.B.; COLWICK, R.F. y SCOTT, W.P. 1971. Study effects of boll weevil damage (Anthonomus grandis). Miss. Farm. Res. 34(6):1-7.
- 0627 KEELEY, L.L.; MOODY, D.S.; LYNN, D.; JOINER, R.L. y VINSON, S.B. 1977. Succinate-cytochrome c reductase activity and lipids in diapause and non-diapause Anthonomus grandis from different latitudes. Journal of Insect Physiology 23(2):231-234.
- 0628 KELLER, J.C.; DAVICH, T.B.; MAXWELL, F.G.; JENKINS, J.N.; MITCHELL, E.B. y HUDDLESTON, P. 1965. Extraction of a boll weevil attractant from the atmosphere surrounding growing cotton. Journal of Economic Entomology, Maryland, 58(3):589.
- 0629 _____ ; MAXWELL, F.G.; JENKINS, J.N. y DAVICH, T.B. 1963. A boll weevil attractant from cotton. Journal of Economic Entomology, Maryland, 56(1):110-111.

- 0630 KELLER, J.C.; MITCHELL, E.B.; McKIBBEN, G. y DAVICH, T.B. 1964. A sex attractant for female boll weevils from males. *Journal of Economic Entomology* 57:609-610.
- 0631 KING, E.E. 1973. Endo-polymethylgalacturonase of boll weevil larvae, Anthonomus grandis: an initiator of cotton flower bud abscission. *Journal of Insect Physiology* 19(12): 2433-2437.
- 0632 _____. 1972. Pectinases from boll weevil larvae, Anthonomus grandis. *Journal of Insect Physiology* 18(7): 1295-1301.
- 0633 _____. y LANE, H.C. 1969. Abscission of cotton flower buds and petioles caused by protein from boll weevil larvae. *Plant Physiology* 44:903-906.
- 0634 KIRK, I.W. y BOTTRELL, D.G. 1969. A mechanical sampler for estimating boll weevil populations. *Journal of Economic Entomology* 62:1250-1251.
- 0635 _____. y TAFT, H.M. 1970. Beetles found in woods trash during winter boll weevil surveys. (Anthonomus grandis). U.S.D.A. Prod. Res. Rep. 119. 12 págs.
- 0636 KITTOCK, D.L. y ARLE, H.F. 1976. Potential of several chemical termination treatments for reducing pink bollworm (Pectinophora gossypiella) and boll weevil (Anthonomus grandis) populations (Abstract only). Proc. of the Beltwide Cotton Prod. Res. Conf., Pág. 48-49.
- 0637 _____. ; MAUNHEY, J.R.; ARLE, H.F. y BARIOLA, L.A. 1973. Termination of late season cotton fruiting with growth regulators as an insect-control technique. (Pectinophora gossypiella, Anthonomus grandis). *J. Environ. Qual.* 2(3):405-408.
- 0638 KLASSEN, W. 1976. Research requirements for boll weevil (Anthonomus grandis) elimination in the Cotton Belt. *ARS-S/U.S.Agric. Res. Serv. South Reg.* 71:163-166.

- 0639 KLASSEN, W. y EARLE, N.W. 1970. Permanent sterility induce in boll weevils with busulfan without reducing production of pheromone. (Anthonomus grandis). Journal of Economic Entomology 63(4): 1195-1198.
- 0640 _____; KNIPPLING, E.F. y McGUIRE JUNIOR, J.U. 1970. The potential for insect-population suppression by dominant conditional lethal traits. Ann. Entomol. Soc. Am. 63:238-255.
- 0641 KNIPPLING, E.F. Analysis of technology available for eradication of the boll weevil (Anthonomus grandis). United States Department of Agriculture. Agriculture Handbook Nº 589, 1983. Pág. 409-435.
- 0642 _____ 1976. Biomathematical basis for suppression and elimination of boll weevil (Anthonomus grandis) populations (Cotton). ARS-S/U.S. Agric. Res. Serv. South Reg. 71:130-148.
- 0643 _____ 1971. Boll weevil and pink bollworm eradication: progress and plans. (Anthonomus grandis, Heliothis zea). Cotton Ginnery J. Yearbook. Pág. 23, 25-28, 30.
- 0644 _____ 1976. Boll weevil (Anthonomus grandis) eradication experiment (Cotton). ARS-S/U.S. Agric. Res. Serv. South Reg. 70:12
- 0645 _____ 1976. Report of Technical Guidance Committee for the Pilot Boll Weevil (Anthonomus grandis) Eradication Experiment (Cotton). ARS-S/U.S. Agric. Res. Serv. South Reg. 71:122-125.
- 0646 _____ 1968. Technically feasible approaches to boll weevil eradication. En: Proceedings, Beltwide Cotton-Production Mechanization Conference, Hot Springs, AR, January 11-12, 1968. National Cotton Council of America, Memphis, TN.
- 0647 _____ 1979. The basic principles of insect population suppression and management. U.S. Department of Agriculture, Agriculture Handbook Nº 512, 623 págs.

- 0648 KNIPLING, E.F. 1960. Use of insects for their own destruction. *Journal of Economic Entomology* 53:415-420.
- 0649 _____ y McGUIRE JUNIOR, J.U. Population models to test theoretical effects of sex attractants used for insect control. U.S. Department of Agriculture, Agriculture Information Bulletin Nº 308, 1966. 20 págs.
- 0650 KULIN, H.E.; GRUMBACH, M.M. y KAPLAN, S.L. 1969. Sex pheromones produced by male boll weevil: isolation, identification, and synthesis (Anthonomus grandis) *Science* 166 (3908): 1010-1013.
- 0651 KULKARNI, P.G.; MITLIN, N. y HURST, G.H. 1973. Toxicity of busulfan and influence of ingested chemosterilized boll weevils on reproduction performance of the Japanese quail. *Journal of Economic Entomology* 66:341-343.
- 0652 LACEWELL, R.D.; BOTTRELL, D.G.; BILINGSLEY, R.V.; RUMMEL, D.R. y LARSON, J.L. Impact of the Texas High Plains diapause boll weevil(Anthonomus grandis) control program (Costs, cotton). Texas A.M. University, Agricultural Experiment Station Bulletin Nº 1165, 1974. 16 págs. Mapa.
- 0653 _____; CASEY, J.E. y FRISBIE, R. An evaluation of integrated cotton pest management programs in Texas: 1964-74 (Anthonomus grandis). Texas A & M. University Agricultural Experiment Station, Dep. Agric. Econ. Rural Soc. 77(4), 1977. 215 págs.
- 0654 _____; LARSON, J.L.; BOTTRELL, D.G.; RUMMEL, D.R. y BILLINGSLEY, R.V. 1974. Economic implications of discontinuing the Texas High Plains boll weevil (Anthonomus grandis) suppression program (Cotton, pest control costs). *South J. Agric. Econ.* 6(2): 33-40. Mapa.
- 0655 LAMAS C., J.M. 1958. Control del "Picudo Peruano" Anthonomus vestitus Bohm. con arseniato de plomo solo y en mezcla con melaza de caña. *Revista Peruana de Entomología* 1(1):29-33.

- 0656 LAMBERT, L.; JENKINS, J.N.; PARROTT, W.L. y McCARTY, J.C. 1980. Evaluation of foreign and domestic cotton cultivars and strains for boll weevil resistance (Anthonomus grandis). *Crop science* 20(6): 804-806.
- 0657 _____; LENTZ, G.L. y CHERRY, E.T. 1977. Development period of the boll weevil (Anthonomus grandis) at different temperatures during the growing season in west Tennessee. *Environmental Entomology* 6(3):350-352.
- 0658 _____; _____ y _____. 1979. Preoviposition periods and oviposition rates of insectary-reared boll weevils (Anthonomus grandis grandis) in west Tennessee (Cotton pests). *Environmental Entomology* 8(6):1092-1094.
- 0659 LAMBREMONT, E.N.y BENNETT, A.F. 1966. Lipid biosynthesis in the boll weevil: Formation of the acetate precursor for lipid synthesis from glucose and related carbohydrates. *Can. J. Biochem.* 44: 1597-1606.
- 0660 _____; BUMGARNER, J.E. y BENNETT, A.F. 1966. Lipid biosynthesis in the boll weevil (Anthonomus grandis Boheman): Distribution of radioactivity in the principal lipid classes synthesized from C¹⁴ l-acetate. *Comp. Biochem. Physiol.* 19:417-429.
- 0661 _____; ERNST, N.R.; FERGUSON, J.R. III y DIAL, P.F. 1976. Lipid metabolism of insects: chain shortening of a long-chain dietary fatty acid (Anthonomus grandis). *Comp. Biochem. & Physiol B.* 54(1): 167-169.
- 0662 _____ y WOOD, R. 1968. Glyceryl ethers in insects: Identification of alkyl and alk-1-enyl glyceryl ether phospholipids. *Lipids* 3: 503-510.
- 0663 LASTER, M.L. y BRAZZEL, J.R. 1968. A comparison of predator populations in cotton under different control programs in Mississippi. *Journal of Economic Entomology* 61: 714-719.

- 0664 LATHROP, F.H. y BUIE, T.S. The cotton boll weevil situation. Clemson Agricultural College, Extension Circular N° 64, 1925. 48 págs.
- 0665 LEDBETTER, R.J. 1971. The Coosa River Valley diapause Control Program. (Anthonomus grandis). Cotton Ginners J. Yearbook. Pág. 32-33.
- 0666 LEGGET, J.E. 1980. Boll weevil (Anthonomus grandis): competitive and non-competitive evaluation of factors affecting pheromone trap efficiency. Environmental Entomology 9(4):416-419.
- 0667 _____. 1979. Boll weevil (Anthonomus grandis): some new concepts in trap design and evaluation of trap efficiency. Environmental Entomology 8(1):70-72.
- 0668 _____. 1982. Influence of trap spacing and grandlure concentration on detection of interfield boll weevil (Coleoptera:Curculionidae) movement (Anthonomus grandis grandis). Environmental Entomology 11(5):1114-1115.
- 0669 _____. y CROSS, W.H. 1971. A new trap for capturing boll weevils. U.S. Dep. Agr. Coop. Econ. Insect Rep. 21:773-774.
- 0670 _____. y _____. 1978. Boll weevils (Anthonomus grandis): the relative importance of color and pheromone in orientation and attraction to traps. Environmental Entomology 7(1):4-6.
- 0671 _____. y _____. 1976. Response of boll weevils (Anthonomus grandis) and other insects to grandlure exposed in two basic types of traps. Journal of Economic Entomology 69(1):6-8.
- 0672 _____. ; _____. ; MITCHELL, H.C.; JOHNSON, W.L. y McGOVERN, W.L. 1975. Improved traps for capturing boll weevils (cotton pests, Anthonomus grandis). Journal Ga. Entomology Soc. 10(1):52-61.
- 0673 _____. y FYE, R.E. 1969. The role of moisture in the winter survival of the boil weevil complex in Arizona. Journal of Economic Entomology 62:147-149.

- 0674 LEGGETT, J.E.; LLOYD, E.P. y WITZ, J.A. 1981. Efficiency of infiel traps in detecting or suppressing low population levels of boll weevils (Anthonomus grandis, cotton). Environmental Entomology 10(1):125-129.
- 0675 _____ y MOORE, R.F. 1982. Influence of artificial and natural diets on boll weevil trap efficiency (Anthonomus grandis). Environmental Entomology 11(3):635-638.
- 0676 _____ y ROACH, S.H. 1981. Boll weevil: movement into an uninfested area and detection with grandlure-baited traps (Anthonomus grandis grandis, cotton pest, South Carolina). Environmental Entomology 10(6):995-998.
- 0677 _____ y TAFT, H.M. 1979. Boll weevil (Anthonomus grandis grandis): capture in pheromone traps baited with natural male lure and several concentrations of grandlure. Environmental Entomology 8(1):62-64.
- 0678 LEIGH, T.F. y LINCOLN, C. 1964. Feeding and development of the boll weevil, Anthonomus grandis Boh. on several cotton types. Fayetteville, Arkansas Agricultural Experiment Station, 18 págs.
- 0679 LEON Q, G. Investigación práctica en el manejo del picudo del algodón-ro, Anthonomus grandis Boheman, en Nicaragua. En: Congreso Nacional de Entomología, 12, Guadalajara, Jal. México, 1977. Folia Entomológica Mexicana N° 39-40, 1978. Pág.. 180-181.
- 0680 LEOPOLD, R.A. y NORTH, D.T. 1977. Characterization of the radiation death syndrome in Anthonomus grandis (Abstract only). Proc. Annu. Mett. North Cent. Branch Entomol. Soc. Am. 32: 44-45.
- 0681 LEPAGE ,H.S. y GONÇALVES, L.I. 1939. Notas phytosanitarias. I. Leptinotarsa decemlineata Say . II. O Anthonomus grandis Boh . São Paulo, Brazil, Secretaria da Agricultura. 41 págs.
- 0682 _____ y _____. O boll weevil Anthonomus grandis Boheman: considerações gerais. Boletim de Agricultura N°39, 1938. Pág. 448-456.

- 0683 LEVIN, M.D.; FORSYTH, W.R.; FAIRBROTHER, G.L. y SKINNER, F.B. 1968. Impact on colonies of honey bees of ultra-low-volume (undiluted) malathion applied for control grasshopper. *Journal of Economic Entomology* 61:58-62.
- 0684 LEWIS, A.C. y McLENDON, C.A. 1917. Cotton variety tests for boll-weevil and wilt conditions in Georgia. Atlanta, Georgia Board of Entomology. 36 págs.
- 0685 LINCOLN, C. 1976. Seasonal development of the boll weevil (Anthonomus grandis, cotton). ARS-S/U.S. Agricultural Research Service South Reg. 71:9.
- 0686 _____. 1969. The effect of agricultural practices on insect habitats in a typical Delta Community. Proc. Tall Timbers Conf. Ecol. Anim. Contr. habitat Manage 1:13-18.
- 0687 _____. BOYER, W.P.; DOWELL, G.C.; BARNERS, G. y DEAN G. 1970. Six years experience with point-sample cotton insect scouting. Univ. Ark. Agr. Exp. Sta. Bulletin N° 754. 40 págs.
- 0688 _____. DEAN, G.; WADDLE, B.A.; YEARIAN, W.C.; PHILLIPS, J.R. y ROBERTS, L. 1971. Resistance of Frego-type cotton to boll weevil and bollworm. (Anthonomus grandis). *Journal of Economic Entomology* 64(5): 1326-1327.
- 0689 _____. et al. The point sample method of scouting for boll weevil. Fayetteville, Arkansas Agricultural Experiment Station. Bulletin N° 666, 1963. 31 págs.
- 0690 LINDELL, K.F.; WHITFIELD, W.S. y GARST, D.M. Design requirements for laminar air flow clean rooms and devices. Sandia Laboratories Report SC-M-69-129, 1969. 15 págs.
- 0691 LINDIG, O.H. 1979. A replacement for cottonseed meal and meats in boll weevil (Anthonomus grandis) diets. *Journal of Economic Entomology* 72(2):291-292.

- 0692 LINDIG, O.H. 1974. Development of Boll Weevil Suppression and Elimination Technologies: Mass Rearing. Proc. Conf. on Research on Boll Weevil Suppression and Elimination Technology. Memphis, Tennessee.
- 0693 _____. 1976. Mass rearing of boll weevils (Anthonomus grandis, cotton) ARS-S/U.S. Agricultural Research Service South Reg. 71: 50-52.
- 0694 _____. y MALONE, O.L. 1973. Sodium benzoate and sodium propionate as anticontamination diets fed to adult boll weevils (Anthonomus grandis Boh.). Journal of Economic Entomology 66(2): 577 págs.
- 0695 _____. POE, W.E. y HEDIN, P.A. 1980. Essential amino acids in dietary protein sources and the nutritional status and oviposition of boll weevils (Anthonomus grandis grandis). Journal of Economic Entomology 73 (1): 172-175.
- 0696 _____. y ROBERSON, J. 1979. Evaluation of three larval and adult boll weevil (Anthonomus grandis grandis) diets. Journal of Economic Entomology 72(3): 450-452.
- 0697 _____. WIYGUL, G.; WRIGHT, J.E.; DAWSON, J.R. y ROBERSON, J. 1980. Rapid method for mass-marking boll weevils (Anthonomus grandis grandis). Journal of Economic Entomology 73(3): 385-386.
- 0698 LINDQUIST, D.A.; COPPEDGE, J.R.; RIDGWAY, R.L.; COWAN JUNIOR, C.B. y RUMMEL, D.R. A preliminary report of the effectiveness of Temik sidedress treatment for overwintered boll weevil control. Texas Agricultural Experiment Station Dept. Tech. Report N°9. 1967. 19 págs.
- 0699 _____. y HOUSE, V.S. 1967. Mating studies with apholate-sterilized boll weevils. Journal of Economic Entomology 60: 468-473.
- 0700 LINGREN, P.D.; RIDGWAY, R.L.; COWAN JUNIOR, C.B.; DAVIS, J.W. y WATKINS, W.C. 1968. Biological control of the bollworm and tobacco budworm by arthropod predators affected by insecticides. Journal of Economic Entomology 61: 1521-1525.

- 0701 LOBATON G, V. y GARCIA C, I. 1981. Some aspects of the biology of the cotton weevil Anthonomus grandis Boheman. Sociedad Colombiana de Entomología, Seminario sobre el Picudo del Algodonero. Montería, Colombia. Pág. 1-9.
- 0702 LOFTIN, .C. Living with the boll weevil for fifty years. Smithsonian Report for 1945. Publication N° 3827. Washington D.C., 1946.. Pág. 283-292.
- 0703 LONG-RANGE DISPERSAL OF THE BOLL WEEVIL. (Anthonomus grandis cotton). U.S.D.A. Agricultural Research 24 (1). 1975. Pág. 11
- 0704 LOPEZ JUNIOR, J.D. 1980. Comparison of the types of boll weevil (Anthonomus grandis grandis) pheromone traps to monitor seasonal response (in cotton fields in central Texas). Journal of Economic Entomology 73(2): 324-326.
- 0705 _____; WITZ, JA.; HARTSTACK JUNIOR, A.W. y HOLLINGSWORTH, J.P. 1978. Response of the male boll weevil (Anthonomus grandis) to grandiure. Southwest Entomology 3(2): 124-129.
- 0706 LOYA, R.J. 1978. Evaluación de los daños causados por Anthonomus grandis, Heliothis virescens y Heliothis zea al algodonero en el estado de Morelos. En Congreso Nacional de Entomología, 12, Guadalajara, Jal, México. Folia Entomológica Mexicana N° 39:40-65.
- 0707 LUE, P.S.; WATSON, J.E. y GILLILAND JUNIOR, F.R. 1976. Karyotypic determination in the boll weevil (Anthonomus grandis). J. Hered 67(5): 308-312.
- 0708 LUDVIK, G.F. 1972. A device for producing artificial squares for boll weevil oviposition and feeding. (Anthonomus grandis, Disposo-tray). Journal of Economic Entomology 65(4): 1200-1201.
- 0709 LUKEFAHR, M.J. 1956. A New Host of the boll weevil. Journal of Economic Entomology 49 (6): 877-879.
- 0710 _____ et.al. 1965. Additional non cotton hosts of the boll weevil and cotton leafworm. Journal of Economic Entomology 58(4):784-785.

- 0711 LUKEFAHR, M.J. y MARTIN, D.F. 1962. A native host plant of the boll weevil and other cotton insects. *Journal of Economic Entomology* 55(1): 150.
- 0712 ____ y MAXWELL, F.G. 1969. The differential resistance mechanism in female Hampea sp. trees to the boll weevil. (Anthonomus grandis). *Entomol. Soc. Amer. Annual* 62(3): 542-544.
- 0713 LLOYD, E.P. 1971. Digging a grave for the boll weevil (Anthonomus grandis). *Journal of Cotton Trade* 38th: 70-71.
- 0714 ____ . 1972. Progress report on the pilot boll weevil eradication experiment. (Anthonomus grandis). *Cotton Ginners J. Yearbook*. Pág. 46-49.
- 0715 ____ . 1976. The pilot boll weevil (Anthonomus grandis) eradication experiment. *Proc. Tall Timbers Conf. Ecol. Anim. Control Habitat Manage* 6: 125-133.
- 0716 ____ . 1977. The Trial Boll Weevil (Anthonomus grandis) Eradication Program and the optimum pest management demonstration. *Proc. Baltwide Cotton Prod. Mech Conf.* Pág. 16-18.
- 0717 ____ y BOTTRELL, D.G. 1974. Insecticides for use in beltwide eradication of the boll weevil. *Unpublished Special Report*. 21 págs.
- 0718 ____ , et. al. 1968. A red dye to evaluate bait formulations and to mass mark field populations of boll weevils. *Journal of Economic Entomology* 61: 1440-1444.
- 0719 ____ , et. al. 1967. Comparison of three rates of application of ultra-low-volume azinphosmethyl in a reproduction-diapause control program against the boll weevil. *Journal of Economic Entomology* 60: 1696-1699.
- 0720 ____ , et. al. 1961. Preferred feeding and egg laying sites of the boll weevil and the effect of weevil damage on the cotton plant. *Journal of Economic Entomology* 54(5): 979-984.

- 0721 LLOYD, E.P., et.al. 1962. The effect of boll weevil infestations on yield and quality of cotton. *Journal of Economic Entomology* 55(2): 225-227.
- 0722 _____, et.al. 1966. The reproduction diapause approach to population control of the boll weevil. *Journal of Economic Entomology* 59: 813-816.
- 0723 _____; LASTER, M.L. y MERKL, M.E. 1964. A field study of diapause, diapause control and population dynamics of the boll weevil. *Journal of Economic Entomology* 57: 433-437.
- 0724 _____; McCOY, J.R. y HAYNES, J.W. 1976. Release of sterile male boll weevils (*Anthonomus grandis*) in the Pilot Boll Weevil Eradication Experiment in Cotton. ARS-S/U.S. Agricultural Research Service South Reg. 71:95-102.
- 0725 _____; _____; SCOTT, W.P.; BURT, E.C.; SMITH, D.B. y TINGLE, F.C. 1972. In season control of the boll weevil with ultra-low-volume sprays of azinphosmethyl or malathion. (*Anthonomus grandis*, cotton, pests). *Journal of Economic Entomology* 65(4):1153-1156.
- 0726 _____; McKIBBEN, G.H.; KNIPLING, E.F.; WITZ, J.A.; HARTSTACK, J.E.; LEGGETT, J.E. y LOCKWOOD, D.F. 1980. Mass trapping for detection, suppression and integration with other suppression measures against the boll weevil. Presented at an international colloquium on the management of insect pests with semio-chemicals, Gainesville, Florida.
- 0727 _____; _____; LEGGETT, J.E. y HARTSTACK, A.W. Pheromones for survey, detection and control (*Anthonomus grandis*, *Heliothis zea*, *Heliothis virescens*, cotton insects). U.S. Department of Agriculture. Agriculture Handbook N° 589, 1989. Pág. 179-205.
- 0728 _____; _____; WITZ, J.A.; HARTSTACK, A.W.; LOCKWOOD, D.F.; KNIPLING, E.F. y LEGGETT, J.E. Mass trapping for detection, suppression and integration with other suppression measures against the boll weevil (*Anthonomus grandis*). Management of insect pests with semiochemicals: concepts and practice. Edited by Everett R. Mitchell, New York, Plenum Press, 1981. Pág. 191-203.

- 0729 LLOYD, E.P.; McMEANS, J.L. y MERKL, M.E. 1961. Preferred feeding and egg-laying sites of the boll weevil and the effect of weevil damage of the cotton plant. *Journal of Economic Entomology* 54: 979-984.
- 0730 _____ y MERKL, M.E. 1966. A field-cage study of population dynamics of the boll weevil. *Journal of Economic Entomology* 59: 83-86.
- 0731 _____ ; TINGLE, F.C.; SCOTT, W.P.; HARDEE, D.D. y DAVICH, T.B. 1972. Evaluation of male-baited traps for control of boll weevils following a reproduction diapause program in Monroe County, Mississippi (*Anthonomus grandis*). *Journal of Economic Entomology* 65(2): 552-555.
- 0732 _____ ; POE, W.E. y HEDIN, P.A. 1980. Essential amino acids in dietary protein sources and the nutritional status and oviposition of boll weevils. *Journal of Economic Entomology* 73(1): 172-175.
- 0733 _____ y SCOTT, W.P. 1974. Intensive sampling of twentyfive selected fields on eradication and first buffer areas, of the pilot boll weevil eradication experiment in 1973. In *Proceedings of a Conference*, Memphis. Pg 8-108-112.
- 0734 _____ y _____. 1976. Intensive sampling of twenty-five selected fields in eradication and first buffer areas of the Pilot Boll Weevil (*Anthonomus grandis*) Eradication Experiment in 1973 (Cotton). U.S. Agricultural Research Service South Reg. 71: 108-112.
- 0735 _____ ; SHAUNAK, K.K.; TINGLE, F.C. y DAVICH, T.B. 1972. A modified trapping system for suppressing low-density populations of everwintered boll weevils (*Anthonomus grandis*). *Journal of Economic Entomology* 65(4): 1144-1147.
- 0736 _____ ; TINGLE, F.C. y GAST, R.T. 1967. Environmental stimuli inducing diapause in the boll weevil. *Journal of Economic Entomology* 60: 99-102.
- 0737 _____ ; MCCOY, J.R. y DAVICH, T.B. 1966. The reproduction-diapause approach to population control of the boll weevil. *Journal of Economic Entomology* 59: 813-816.

- 0738 LLOYD, E.P.; TINGLE, F.C.; MERKL, M.E.; BURT, E.C.; SMITH, D.B. y DAVICH, T.B. 1967. Comparison of three rates of application of ultra-low-volume azinphosmethyl in a reproduction-diapause program against the boll weevil. *Journal of Economic Entomology* 60: 1696-1699.
- 0739 _____; WOOD, R.H. y MITCHELL, E.B. 1977. Boll weevil (Anthonomus grandis): suppression with TH-6040 applied in cottonseed oil as a foliar spray. *Journal of Economic Entomology* 70(4):442-444.
- 0740 MACGOWN, M.W.; SIKOROWSKY, P.P. 1981. Digestive anatomy of the adult boll weevil. Anthonomus grandis Boheman (Coleoptera:Curculionidae). *Annals of the Entomological Society of America* 74:117-126.
- 0741 _____ y _____. 1980. Histopathology of midgut of mass reared, irradiated boll weevils (Anthonomus grandis) contaminated with Staphylococcus aureus and Streptococcus sp. *Journal of Economic Entomology* 73(1):81-87.
- 0742 MADEL, W. 1971. Ein Denkmal fur den Baumwollkapselkafer; The Boll Weevil Monument (Anthonomus grandis). *Z. Angew Zool* 58(1): 25-27.
- 0743 MANGUM, C.L.; EARLE, N.W. y NEWSON, L.D. 1968. Photoperiodic induction of diapause in the boll weevil. Anthonomus grandis. *Ann. Entomology Society America* 61: 1125-1128.
- 0744 MANNERS, I.R. 1979. The persistent problem of the boll weevil (Anthonomus grandis). Pest control in principle and in practice(Cotton ecosystem, pesticides policies, United States). *Geographical review* 69(1): 25-42.
- 0745 MARIN, H.C. 1981. El picudo del algodonero. Treinta años de existencia en Colombia. En Seminario Picudo del Algodonero, Montería, Colombia, 1981.(Trabajos), Bogotá, Colombia, Sociedad Colombiana de Entomología. Págs. 23-43.
- 0746 MARIN ACOSTA, J.C. 1978. Depredación del picudo, Anthonomus grandis Boheman (Coleoptera, Curculionidae) y del gusano rosado, Pectinophora gossypiella Saunders (Lepidoptera, Gelechiidae) por la avispa cachi-camera Synoecea septentrionalis Richards (Hymenoptera, Vespidae) en botones florales y frutos del algodonero, Gossypium hirsutum L. (Malvaceae). *Revista de la Facultad de Agronomía, Universidad Centr*

- 0747 MARLOTT, C.L. 1933. Report of the Chief of the Bureau of Entomology. USDA, Washington, D.C. 47 págs.
- 0748 MARSH, P.M. 1982. Two new species of Heterospilus (Hymenoptera:Braconidae) from México being introduced against the botton boll weevil, Anthonomus grandis (Coleoptera: Curculionidae). Proceedings of the Entomological Society of Washington 84(4): 849-854.
- 0749 MARTIN, W. 1981. Toward better control of boll weevils (Irradiation for male sterility, Anthonomus grandis, USA). United States Agricultural Research Service 30(4): 12 págs.
- 0750 MATTESON, J.W. 1963. Chemically induced resistance in the cotton plant to attack by the boll weevil. Journal of Economic Entomology 56(2): 189-192.
- 0751 _____ y TAFT, H.M. 1963. Carbamate-induced systemic repellency to the boll weevil on cotton. Journal of Economic Entomology 56(6): 892-893.
- 0752 MAULDIN, J.K.; HAMNER, A.L. y BRAZZEL, J.R. 1966. The effect of insecticides on egg production of the boll weevil. Anthonomus grandis Boh. Journal Georgia Entomology Soc. 1(4): 16-19.
- 0753 MAXWELL, F.G. 1977. Plant resistance to cotton insects. Bulletin of the Entomological Society of America 23(3): 199-203.
- 0754 _____, et. al. 1963. A boll weevil repellent from the volatile substance of cotton. Journal of Economic Entomology 56(6): 894-895.
- 0755 _____, et. al. 1963. An arrestant and feeding stimulant for the boll weevil in water extracts of cotton-plant parts. Journal of Economic Entomology 56(4): 449-454.
- 0756 _____; JENKINS, J.N. y PARROTT, W.L. 1972. Resistance of plants to insects. Advance Agron. 24: 187-265.

- 0757 MAXWELL, F.G.; JENKINS, J.N.; PARROTT, W.L. y BUFORD, W.T. 1969. Factors contributing to resistance and susceptibility of cotton and other hosts to the boll weevil, Anthonomus grandis. Entomol. Exp. Appl. 12(5): 801-810.
- 0758 MAYFR, M.S. y BRAZZEL, J.R. 1966. Laboratory studies to sterilize the boll weevil with radiation. Ann. Entomol. Soc. Am. 59: 284-290.
- 0759 McCARTY JUNIOR, J.C.; JENKINS, J.N. y PARROTT, W.L. 1977. Boll weevil (Anthonomus grandis) resistance agronomic characteristics, and fiber quality in progenies of a cotton cultivar crossed with 20 primitive stocks. Crop Science 17(1):5-7. Ref.
- 0760 ; y . 1982. Partial suppression of boll weevil oviposition by a primitive cotton (Anthonomus grandis). Crop Science 22(3): 490-492.
- 0761 ; y DAVICH, T.B. 1972. Effect of dyes on body fat and eye color of ebony pearl boll weevils(Anthonomus grandis). Journal of Economic Entomology 65(2): 370-372.
- 0762 McCLENDON, R.W.; MITCHELL, E.B.; JONES, J.W.; McKINION, J.M. y HARDEF, D.D. 1976. Computer simulation of pheromone trapping systems as applied to boll weevil (Anthonomus grandis) population suppression: a theoretical example. Environmental Entomology 5(5): 799-806. Ref.
- 0763 MCCOY, J.R. 1971. Evaluation of air flow systems for the collection of insects from cotton. Tesis I.S. Mississippi State Univ., State College. 49 págs.
- 0764 . 1979. High-insert: a dominant mutant in the boll weevil (Anthonomus grandis) with recessive lethal effect. The journal of heredity 70(5): 349-350.
- 0765 . 1975. Phenotypic deviants in the ebony genotype in the boll weevil (Cotton pests, control) (Anthonomus grandis). Journal of Economic Entomology 68(6):775-776.

- 0766 McCOY, J.R. et al. 1975. Evaluation of airflow systems for the collection of boll weevils from cotton. *Journal of Economic Entomology* 68(1): 49-52.
- 0767 _____; LLOYD, E.P. y BARTLETT, A.C. 1968. Diapause in crosses of a laboratory and a wild strain of boll weevils. *Journal of Economic Entomology* 61:163-166.
- 0768 _____ y WRIGHT, J.E. 1979. Evaluation of bisazir and penflururon as sterilants for the boll weevil (Anthonomus grandis). *The Southwestern Entomologist* 4(3): 209-215.
- 0769 _____ y _____. 1983. Two new mutants of the boll weevil (Anthonomus grandis). *The Journal of Heredity* 74(3): 208-209.
- 0770 McDAVID, G.E. 1980. Eradicate the boll weevil? (Anthonomus grandis, cotton, chemical control). *Agrichemical Age*. 24(9): 32-34.
- 0771 McGARR, R.L. 1973. Field tests with Bacillus thuringiensis HD-1 and chemical insecticides for control of the tobacco budworm and the bollworm at Brownsville, Texas, 1972. (Heliothis virescens, Heliothis zea, Anthonomus grandis). *Texas Agricultural Experiment Station. Agr. Econ. Sociol. Dep. Tech. Rep.* 20:13-17.
- 0772 _____ y CHAPMAN, A.J. 1966. Initial field tests with methyl parathion and EPN in Mexico against the boll weevil. *Journal of Economic Entomology* 59:1529.
- 0773 _____ y WOLFENBARGER, D.A. 1968. Aerial applications of ultra-low-volume methyl parathion for control of cotton insects. *Journal of Economic Entomology* 61: 1107-1108.
- 0774 _____ y _____. 1970. Insecticides for control of four cotton insects in 1968. (Heliothis virescens, Heliothis zea, Pectinophora gossypiella, Anthonomus grandis). *Journal of Economic Entomology* 63(4):1324-1325.

- 0775 McGARR, R.L. y WOLFENBARGER D.A. 1969. Methyl parathion, toxaphene, and DDT used alone and in combination for control of several cotton insects. *Journal of Economic Entomology* 62:1249-1250.
- 0776 McGOVERN, W.L.; CROSS, W.H. y HARRIS, W. 1975. Implications of early emergence of Bracon mellitor a parasite of the boll weevil (Anthonomus grandis). *Journal of the Georgia Entomological Society* 10(2): 183-186.
- 0777 _____; _____; LEGGETT, J.E.; MCKIBBEN, G.H.; JOHNSON, W.L.; MCCOY, J.R. y HAYNES, J.W. 1976. Boll weevils (Anthonomus grandis): field competitiveness among several laboratory strains, chemosterilized weevils and field weevils. *Environmental Entomol.* 5(2):354-356.
- 0778 _____; _____ y MITLIN, N. 1973. Boll weevils: a technique for measuring the production of pheromone and the competitiveness of ³²P (phosphorus) tagged adults in the field. (Anthonomus grandis). *Journal of Economic Entomology* 66(3): 809-310.
- 0779 _____; HARDEE, D.D. y DAVICH, T.B. 1969. Chemosterilants applied as sprays against populations of boll weevils on cotton in field cages. *Journal of Economic Entomology* 62(5): 1144-1147.
- 0780 _____; MCKIBBEN, G.H.; CROSS, W.H.; ESSIG, H.W. y LINDIG, O.H. 1976. Boll weevil (Anthonomus grandis): square ingestion and utilization studies. *Ann. Entomol. Soc. Am.* 69(4): 738-739.
- 0781 _____; _____ y HAYNES, J.W. 1975. Cotton square: increase in density after oviposition by the boll weevil (Anthonomus grandis) and its possible implications. *Journal of Economic Entomology* 68(2):207-208.
- 0782 _____; _____; GUELDRN, R.C. y CROSS, W.H. 1975. Irradiated boll weevils (Anthonomus grandis): pheromone production determined by GLC (gas-liquid chromatography) analysis (Field crops, chemo-sterilants). *Journal of Economic Entomology* 68(4): 521-523. Ref.

- 0783 McGOVERN, W.L.; MCKIBBEN, G.H.; JOHNSON, W.L.; MERKL, M.E. y CROSS, W.H. 1976. Pheromone production by overwintered boll weevils (Anthonomus grandis, cotton pests). Environmental Entomology 5(1): 101-102.
- 0784 _____; MITCHELL, E.B. y CROSS, W.H. 1978. Improved technique for tagging boll weevils (Anthonomus grandis) with ³²P (phosphorus isotopes). Journal of the Georgia Entomological Society 13(1): 24-28.
- 0785 McHAFFEY, D.G. 1970. Boll weevil chemosterilants; research program seeks compounds to eradicate a major pest of cotton. (Anthonomus grandis). Southern Res. Inst. Bull. 23(1): 3-7.
- 0786 _____ y BORKOVEC, A.B. 1976. Vacuum dipping: a new method for administering chemosterilants to the boll weevil (Anthonomus grandis). Journal of Economic Entomology 69(2):139-143. Ref.
- 0787 _____; FLINT, H.M.; HAYNES, J.W.; KLASSEN, W.; MITLIN, N. y DAVICH, T.B. 1972. Sterility induced in boll weevils by alkylating agents administered in an adult diet. (Anthonomus grandis). Journal of Economic Entomology 65(1): 13-19.
- 0788 McINDOO, N.E. 1926. Senses of the cotton boll weevil an attempt to explain how plants attract insects by smell. Journal of Agricultural Research 33: 1095-1140.
- 0789 MCKIBBEN, G.H. 1972. A device for injecting glandlure into cigarette filters. (Anthonomus grandis). Journal of Economic Entomology 65(5): 1509-1510.
- 0790 _____ . 1974. An improved device for dispensing pheromone solutions. (Anthonomus grandis, control, tobacco). Journal of Economic Entomology 67(4): 558.
- 0791 _____ . 1983. Sequential sampling for boll weevils in cotton: a simulation study (Model, Anthonomus grandis Anthonomus grandis). Journal of the Georgia Entomological Society 18(2):224-229.

- 0792 McKIBBEN, G.H. y DAVICH, T.B. 1975. Air-dropped boll weevil (Anthonomus grandis) bait dispensers (Cotton). Mississippi, Agricultural and Forestry Experiment Station. Res. Rep. Miss. Agric. For. Exp. Stn. 1(2) : 1-3.
- 0793 _____ et al. 1971. Addition of food acidulants to increase attractiveness to boll weevils of bait containing cottonseed oil. Journal of Economic Entomology 64(3): 583-585.
- 0794 _____; GUELDRNER, R.C.; HEDIN, P.A.; HARDEE, D.D. y DAVICH, T.B. 1972. Release characteristics of polymeric attractant and repellent compositions (Anthonomus grandis). Journal of Economic Entomology 65(5): 1512-1514.
- 0795 _____; HARDEE, D.D.; DAVICH, T.B.; GUELDRNER, R.C. y HEDIN, P.A. 1971. Slow-release formulations of grandlure, the synthetic pheromone of the boll weevil. (Anthonomus grandis). Journal of Economic Entomology 64(1): 317-319.
- 0796 _____; HEDIN, P.A.; DAVICH, T.B.; DAUM, R.J. y LASETER, M.W. 1971. Addition of food acidulants to increase attractiveness to boll weevils of bait containing cottonseed oil. Journal of Economic Entomology, Maryland, 64(3):583-585.
- 0797 _____; _____; McGOVERN, W.L.; WILSON, N.M. y MITCHELL, E.B. 1977. A sex pheromone for male boll weevils (Anthonomus grandis) from females (Cotton; reprinted from Journal of Chemical Ecology). U.S. Agricultural Research Service (Reprints of articles by ARS employees) 3(3):331-335.
- 0798 _____; _____; McLAUGHLIN, R.E. y DAVICH, T.B. 1971. Development of the bait principle for control of boll weevils: addition of terpenoids and related plant constituents. (Anthonomus grandis). Journal of Economic Entomology 64(6):1490- 495.
- 0799 _____; JOHNSON, W.L.; EDWARDS, R.; KOTTER, E.; KEARNY, J.F.; DAVICH, T.B.; LLOYD, E.P. y GANYARD, M.C. 1980. A polyester-wrapped cigarette filter for dispensing grandlure (for trapping the boll weevil, Anthonomus grandis). Journal of Economic Entomology 73(2), pag. 250-251.

- 0800 McKIBBEN, G.H.; McGOVERN, W.L.; CROSS, W.H. y LINDIG, O.H. 1976. Search for a super laboratory strain of boll weevils: a rapid method for pheromone analysis of frass (Cotton pest control, sterile male releases, Anthonomus grandis). Environmental Entomology 5(1): 81-82.
- 0801 ; y DICKERSON, W.A. 1982. Boll weevil (Coleoptera: Curculionidae) oviposition behavior: a simulation analysis (Anthonomus grandis grandis). Journal of Economic Entomology 75(5): 928-931.
- 0802 ; MITCHELL, E.B.; SCOTT, W.P. y HEDIN, P.A. 1977. Boll weevils (Anthonomus grandis) are attracted to volatile oils from cotton plants. Environmental Entomology 6(6): 804-806.
- 0803 ; MITLIN, N.; HAYNES, J.W. y DAVICH, T.B. 1972. Feeding stimulants added to diet of adult boll weevils. (Anthonomus grandis). Journal of Economic Entomology 65(4): 1190-1191.
- 0804 McLAUGHLIN, R.E. 1978. Contact transfer of Dielubenzuron (Dimilin) by boll weevils (Anthonomus grandis) and the relation of site of application and effect on egg hatch. Entomol. Exp. Appl. 23(2): 171-176.
- 0805 . 1976. Development of feeding formulations for boll weevil (Anthonomus grandis): effect of ratios of cottonseed oil to invert sugar on quantity ingested and initiation of a feeding response. Journal of Economic Entomology 69(3): 374-376.
- 0806 . 1977. Dose-responses of the boll weevil (Anthonomus grandis) to topical formulations of TH-6040. Journal of the Georgia Entomological Society 12(4):369-373.
- 0807 . 1969. Glugea gasti sp. N., a microsporidan pathogen of the boll weevil Anthonomus grandis. J. Protozool 16(1):84-92.
- 0808 . 1966. Infection of the boll weevil with Mattesia grandis induced by a feeding stimulant. Journal of Economic Entomology 59: 909-911.

- 0809 McLAUGHLIN, R.E. 1966. Laboratory techniques for rearing disease-free insect colonies: Elimination of Mattesia grandis McLaughlin, and Nosema sp. from colonies of boll weevils. *Journal of Economic Entomology* 59:401-404.
- 0810 . 1978. Observations of boll weevil midgut when fed natural food or on bacterially contaminated artificial diet. *Journal of Invertebrate Pathology* 32(1):64-70.
- 0811 . 1976. Response of the boll weevil (Anthonomus grandis) to TH 6040 (N-(4-chlorophenyl)-N'-(2,6-difluorobenzoyl) urea) administered by feeding. *Journal of Economic Entomology* 69(3): 317-318.
- 0812 . Systems of mass-rearing disease-free insects. Their value to studies of diseased natural populations, with particular reference to the boll weevil (Anthonomus grandis Boh.). Entomology Research Division, ARS, USDA. State College, Mississippi 39762, USA.
- 0813 y ADAMS, C.H. 1966. Infection of Bracon mellitor by Mattesia grandis. *Ann. Entomol. Soc. Am.* 59:800-802.
- 0814 y BELL, M.R. 1970. Mass production *in vivo* of two protozoan pathogens, Mattesia grandis and Glugea gasti of the boll weevil, Anthonomus grandis. *Journal of Invertebrate Pathology* 16:84-88.
- 0815 ; y McREYNOLDS, G.B. 1971. In vitro primary culture of embryonic cells from the boll weevil, Anthonomus grandis. *Journal of Invertebrate Pathology*. 17(1): 81-86.
- 0816 ; y VEAL, S.D. 1966. Bacteria and fungi associated with dead boll weevils (Anthonomus grandis) in a natural population. *Journal of Invertebrate Pathology* 8:401-408.
- 0817 ; CLEVELAND, T.C.; DAUM, R.J. y BELL, M.R. 1969. Development of the bait principle for boll weevil control. IV. Field tests with a bait containing a feeding stimulant and the sporozoans Glugea gasti and Mattesia grandis. *Journal of Invertebrate Pathology* 13:429-441.

- 0818 McLAUGHLIN, R.E.; DAUM, R.J. y BELL, M.R. 1968. Development of the bait principle for boll weevil control. III. Field-cage tests with a feeding stimulant and the protozoans Mattesia grandis and a microsporidian. *Journal of Invertebrate Pathology* 12:168-174.
- 0819 _____ y LUSK, J.W. 1967. Morphogenesis of testes and ovaries in the boll weevil, Anthonomus grandis. *Ann. Entomol. Soc. Am.* 60:120-126.
- 0820 _____ ; SCOTT, H.A. y BELL, M.R. 1972. Infection of the boll weevil by Chilo iridescent virus. (Anthonomus grandis). *Journal of Invertebrate Pathology* 19(3):285-290.
- 0821 MEEKS JUNIOR, R.A.; LLOYD E.P.; ROBINSON, R.C. y MERKL, M.E. 1966. A large-scale field evaluation of boll weevil diapause control in Mississippi. *Journal of Economic Entomology* 59:811-813.
- 0822 MEINKE, L.J. y SLOSSER, J.E. 1981. Boll weevil (Anthonomus grandis grandis) parasite surveys in the northern Texas rolling plains. *Journal of Economic Entomology* 74(5):506-509.
- 0823 _____ y _____. 1982. Fall mortality of the boll weevil in fallen cotton squares, with emphasis on parasite-induced mortality (Anthonomus grandis grandis, Texas). *Environmental Entomology* 11(2):318-323.
- 0824 MEISCH, M.V. Diel susceptibility of the boll weevil, Anthonomus grandis Boheman to certain organophosphorous insecticides. *Tesis, Texas A & M University*, 1970. 133 págs.
- 0825 _____ ; NEMEC, S.J. y ADKISSON, P.L. 1972. Effects of temperature and photoperiod on the toxicity of azinphosmethyl and malathion to the boll weevil (Anthonomus grandis). *Journal of Economic Entomology* 65(4):1021-1023.
- 0826 MERKL, M.E. 1977. Grandlure for boll weevils (Anthonomus grandis): test of new formulations in Mississippi. *Journal of the Georgia Entomology Soc.* 12(3):273-276.

- 0827 MERKL, M.E. 1978. Postexperiment developments of the Pilot Boll Weevil (Anthonomus grandis) Eradication Experiment (Cotton). ARS-S/U.S. Agric. Res. Serv. South Reg. 71:119-121.
- 0828 _____; CROSS, W.H. y JOHNSON, W.L. 1978. Boll weevil (Anthonomus grandis): detection and monitoring of small populations with in-field traps (Cotton pests). Journal of Economic Entomology 71(1): 29-30.
- 0829 _____; LANE, H.C. y MCCOY, J.R. 1980. Narrow row cotton in Mississippi: effect on insects (Anthonomus grandis) and yield. Journal of the Georgia Entomological Society 15(2):109-114.
- 0830 _____ y MCCOY, J.R. 1978. Boll weevils (Anthonomus grandis grandis): seasonal response over five years to pheromone baited traps (Cotton). Journal of Economic Entomology 71(5):730-731.
- 0831 _____ y MEYER, J.R. 1963. Studies of resistance of cotton strains to the boll weevil. Journal of Economic Entomology 56(6):860-862.
- 0832 THE MEXICAN cotton boll weevil (Anthonomus grandis Boh.). Atlanta, Georgia. State Board of Entomology Bulletin N° 44, 1916. 22 págs.
- 0833 MILLER, J.H. y CRISFIELD, G.F. 1930. The presence in Georgia of Bracon mellitor Say, a parasite of the cotton boll weevil. Journal of Economic Entomology 23:607-608.
- 0834 MINYARD, J.P.; HARDEE, D.D.; GUELDRNER, R.C.; THOMPSON, A.C.; WIYGUL, G. y HEDIN, P.A. 1969. Constituents of the cotton bud compounds attractive to the boll weevil. (Anthonomus grandis). J. Agr. Food Chem. 17(5):1093-1097.
- 0835 MISSISSIPPI AGRICULTURAL AND FORESTRY EXPERIMENT STATION. 1975. Air-dropped boll weevil (Anthonomus grandis) bait dispensers tested (Cotton). M.A.F.E.S. Res. Highlights (Miss. Agric. For. Exp. Stn.) 38(6): 1-7.
- 0836 _____ 1975. Boll weevil (Anthonomus grandis) eradication moves outside state-Virginia North Carolina next in line (Cotton). M.A.F.E.S. Res. Highlights (Miss. Agric. For. Exp. Stn.) 38(6): 6.

- 0837 MISSISSIPPI AGRICULTURAL AND FORESTRY EXPERIMENT STATION. 1976. Helicopter studied as possible tool in boll weevil (Anthonomus grandis) research projects (Cotton pests and their hosts). M.A.F.E.S. Res. Highlights (Miss Agric. For. Exp. Stn.) 39(1): 4-5.
- 0838 MISTRIC JUNIOR, W.J. 1968. Effects of nitrogen fertilization on cotton under boll weevil attack in North Carolina. Journal of Economic Entomology, Maryland, 61(2):282-283.
- 0839 _____ by COVINGTON, B.M. 1968. A preventive boll weevil control program applied to a ten-square mile area within an untreated county. Journal of Economic Entomology 61:186-190.
- 0840 _____ by _____. 1968. Effects of square removal on cotton production witer reference to boll weevil damage. Journal of Economic Entomology, 61(4): 1060-1067.
- 0841 _____ by _____. 1969. End of squaring as an economic indicator of approximate time to end insecticidal treatments for boll weevil control. Journal of Economic Entomology 62:35-36.
- 0842 _____; _____ by SMITH, F.D. 1970. Effects of methyl parathion DDT, and toxaphene on the boll weevil, bollworm, and cotton plant in North Carolina. (Anthonomus grandis, Heliothis zea, crop yields). Journal of Economic Entomology 63(2):596-599.
- 0843 _____ by MITCHELL, E.R. 1968. A preventive boll weevil control program applied to a ten-square-mile area within a treated county. Journal of Economic Entomology 61:179-186.
- 0844 _____ by _____. 1966. Effects of low dosages of insecticidal seed-treatments on cotton and cotton insects. Journal of Economic Entomology 59:57-60.
- 0845 MITCHELL, E.B. 1977. Boll weevils: sterility induced by ³²P tagging. Journal of Economic Entomology 70(4):393-394.
- 0846 _____ et al. 1977. Evaluation of high density trapping alone and in combination with insecticides against the boll weevil. Journal of the Georgia Entomological Society 12(2):141-145. Digitized by Google

- 0847 MITCHELL, E.B. y HARDEE, D.D. 1976. Boll weevils (Anthonomus grandis): attractancy to pheromone in relation to distance and wind direction (cotton). Journal of the Georgia Entomological Society 11(2): 114-117.
- 0848 _____ y _____. 1974. In-field traps: a new concept in survey and suppression of low populations of boll weevils. (Anthonomus grandis, cotton, pest control). Journal of Economic Entomology 67(4):506-508.
- 0849 _____ y _____. 1974. Seasonal determination of sex ratios and condition of diapause of boll weevils in traps and in the field. (Anthonomus grandis). Environmental Entomology 3(3): 386-388.
- 0850 _____; _____; CROSS, W.H.: HUDDLESTON, P.M. y MITCHELL, H.C. 1972. Influence of rainfall, sex ratio, and physiological condition of boll weevils on their response to pheromone traps. (Anthonomus grandis). Environmental Entomology 1(4): 438-440.
- 0851 _____; _____ y WILSON, N.M. 1975. Male boll weevils (Anthonomus grandis): studies relating to attractancy. Journal of Economic Entomology 68(2):150-152.
- 0852 _____; HAYNES, J.W. y HUDDLESTON, P.M. 1975. Feasibility of sterilizing emerging overwintered boll weevils (Anthonomus grandis)with bait stations. Journal of Economic Entomology 68(5):610-612.
- 0853 _____; HOPKINS, A.R.; WALKER, J.T. y JAMES, W. 1966. Winter mortality of boll weevils in cotton bolls in South Carolina. Journal of Economic Entomology 59:1027-1028.
- 0854 _____; HUDDLESTON, P.M. y MCKIBBEN, G.H. 1978. Boll weevil (Anthonomus grandis) traps: Influence of size on capture efficiency (Pheromones). Journal of the Georgia Entomological Society 13(3): 222-226.
- 0855 _____; _____ y WILSON, N.M. 1977. Influence of mating sterile male boll weevils (Anthonomus grandis) to overwintered females. Journal of Economic Entomology 70(1): 76-77.

- 0856 MITCHELL, E.B.; LLOYD, E.P.; HARDEE, D.D. CROSS, W.H. y DAVICH, T.B. 1976. In-field traps in insecticides for suppression and elimination of populations of boll weevils (Anthonomus grandis). *Journal of Economic Entomology* 69(1):83-88. Map.
- 0857 _____ y McGOVERN, W.L. 1979. Influence of field applications of diflubenzuron on longevity, fertility, and attractiveness of released irradiated boll weevils (Anthonomus grandis grandis, biological control). *Journal of the Georgia Entomological Society*. 14(3): 251-254.
- 0858 _____ ; _____ y JOHNSON, W.L. 1982. Boll weevils: labeling with rubidium for field dispersal studies (Anthonomus grandis). *Journal of the Georgia Entomological Society* 17(4):453-455.
- 0859 _____ ; _____ y WILSON, N.M. 1977. Boll weevils (Anthonomus grandis): sterility induced by ³²P (phosphorus isotope) tagging. *Journal of Economic Entomology* 70(4):393-394.
- 0860 _____ ; MERKL, M.E.; DAVICH, T.B. y BROWN, M.A. 1993. Field performance of boll weevils (Coleoptera:Cureulionidae) sterilized with diflubenzuron and gamma irradiation (Anthonomus grandis grandis). *Journal of Economic Entomology* 76(2): 294-297.
- 0861 _____ ; _____ ; WRIGHT, J.E.; DAVICH, T.B. y HEISER, R.F. 1980. Sterility of boll weevils (Anthonomus grandis grandis) in the field following treatment with diflubenzuron and gamma irradiation (Cotton). *Journal of Economic Entomology* 73(6): 824-826. Maps.
- 0862 _____ y TAFT, H.M. 1966. Starvation method for obtaining diapausing boll weevils able to survive the winter in hibernation. *Journal of Economic Entomology* 59:55-57.
- 0863 MITCHELL, H.C. y CROSS, W.H. 1971. Mating of boll weevils in the field (Anthonomus grandis). *Journal of Economic Entomology* 64(3): 773-774.

- 0864 MITCHELL, H.C. y CROSS, W.H. 1969. Oviposition by the boll weevil in the field. *Journal of Economic Entomology* 62:604-605.
- 0865 _____; _____; McGOVERN, W.L. y DAWSON, E.M. 1973. Behaviour of the boll weevil on frego bract cotton (Anthonomus grandis). *Journal of Economic Entomology* 66(3):677-680.
- 0866 MITLIN, L.L. y MITLIN, N. Boll weevil Anthonomus grandis Boh. Abstracts of research publications 1961-65. United States Department of Agriculture, Agricultural Research Service, Miscellaneous Publication Nº 1092, 1968. 32 págs.
- 0867 MITLIN, N. y HEDIN, P.A. 1974. Biosynthesis of grandlure, the pheromone of the boll weevil, Anthonomus grandis from acetate, mevalonate and glucose. *Journal of Insect Physiology* 20(9):1825-1831.
- 0868 _____; LUSK, G.J.y WIYGUL, G. 1967. An electrophoretic study of the changes in proteins in the haemolymph during the life cycle of the boll weevil, Anthonomus grandis. *Ann. Entomol. Soc. Am.* 60:1155-1158.
- 0869 _____ y MAULDIN, J.K. 1966. Uric acid in nitrogen metabolism of the boll weevil: a preliminary study. *Ann. Entomol. Soc. Am.* 59: 651-653.
- 0870 _____; _____ y HEDIN, P.A. 1966. Free and protein-bound amino acids in the tissues of the boll weevil, Anthonomus grandis Boheman during metamorphosis. *Comp. Biochem. Physiol.* 19:35-43.
- 0871 _____; REILLY, V.L.y GAST, R.T. 1966. Color preference in the feeding behavior of the boll weevil. *Journal of Economic Entomology* 59: 598-599.
- 0872 _____; VICKERS, D.H. y HEDIN, P.A. 1964. End products of metabolism in the boll weevil; non-protein amino-acids in the faces. *Journal of Insect Physiology* 10:393-397.

- 0873 MITLIN, N. y WIYGUL, G. 1976. A comparison of certain aspects of nitrogen metabolism in non-diapausing and diapausing boll weevils, Anthonomus grandis. Insect Biochemistry, 6(2): 207-209.
- 0874 _____ y _____. 1972. Contribution of pyrimidines to the biosynthesis of fecal uric acid in normal and busulfan-treated boll weevils. (Anthonomus grandis). Entomol. Soc. Amer. Ann. 65(3): 612-613. Ref.
- 0875 _____ y _____. 1970. Effect of gamma-irradiation on utilization of glycine carbons in biosynthesis of RNA and amino acids in the boll weevil. (Anthonomus grandis). Journal of Insect Physiology 16(2):2271-2279.
- 0876 _____ v _____. 1969. Incorporation and metabolism of ¹³C-labeled tryptophan-3 in the boll weevil, Anthonomus grandis Boheman. Compar. Biochem. Physiol 30(2):375-381.
- 0877 _____ y _____. 1971. Synthesis of nucleic acid and protein in the boll weevil fed with busulfan. (Anthonomus grandis). Entomol. Soc. Amer. Ann. 64(4):822-824.
- 0878 _____ y _____. 1973. Uric acid in nucleic and amino acid synthesis in the boll weevil, Anthonomus grandis. Journal of Insect Physiology 19(8):1569-1574.
- 0879 _____ ; _____ y HAYNES, J.W. 1977. Inhibition of DNA synthesis in boll weevils (Anthonomus grandis Boheman) sterilized by Dimilin. Pesticide Biochemistry and Physiology 7(6):559-563.
- 0880 _____ ; _____ y LUSK, G.J. 1968. Incorporation of lysine-6-C¹⁴ into the protein of the adult boll weevil, Anthonomus grandis. Journal of Insect Physiology 14:1277-1283.
- 0881 _____ ; _____ y MAULDIN, J.K. 1968. The free amino-acids in the haemolymph of the maturing boll weevil. Camp. Biochemistry Physiol. 25:139-148.

- 0882 MOODY, D.S.; BOTTRELL, D.G.; WHITE, J.R. y NEWTON, O.H. 1974. A programmable trapper for studying daily response patterns of boll weevils (Anthonomus grandis) to pheromone-baited traps (Cotton). Texas A&M University, Agricultural Experiment Station MP 1164, 4 págs.
- 0883 _____; WHITE, J.R. y BOTTRELL, D.G. 1972. A machine for dispensing grandlure on cigarette filters used to bait boll weevil traps. (Anthonomus grandis). Journal of Economic Entomology 65(4):1215-1217.
- 0884 MOORE, C.A. A study of acid phosphatases in the normal and chemosterilized boll weevil, Anthonomus grandis Boh. Tesis - Mississippi State University, 1974. 39 págs.
- 0885 _____ y FRAZIER, J.L. 1976. Partial characterization of acid phosphatases of the boll weevil Anthonomus grandis. Insect Biochemistry, 6(5) 525-527.
- 0886 MOORE, J.H.; HAMMOND, A.M.y LLEWELLYN, G.C. 1978. Chemosterilant and insecticidal activity of mixed aflatoxins against Anthonomus grandis (Coleoptera). Journal of Invertebrate Pathology, 31(3): 365-367.
- 0887 MOORE, R.F. 1980. Apparatus for simultaneous determination of locomotor activity in multiple treatments of boll weevils (Anthonomus grandis, cotton). Journal of Economic Entomology 73(6): 795-797.
- 0888 _____ 1980. Behavioral and biological effects of NRDC-161 (insecticide) as factors in control of the boll weevil. (Anthonomus grandis grandis). Journal of Economic Entomology 73(2): 265-267.
- 0889 _____ 1981. Boll weevil: correlations between diet and triacylglycerols and LD50s of toxaphene-DDT (2:1) and permethrin (Anthonomus grandis grandis, cotton pest). Journal of Economic Entomology 74(6): 668-671.

- 0890 MOORE, R.F. 1980. Boll weevils (Anthonomus grandis): effect of insect growth regulators and juvenile hormone analogues on adult development. *Journal of the Georgia Entomological Society* 15(2):227-231.
- 0891 _____. 1982. Boll weevil: effect of proportions of dietary protein and sucrose on quality as determined by locomotor response and stress tolerance (Anthonomus grandis grandis, cotton pest). *Annals of the Entomological Society of America* 75(2):143-145.
- 0892 _____. 1983. Effect of dietary gossypol on the boll weevil (Coleoptera: Curculionidae) (Anthonomus grandis grandis). *Journal of Economic Entomology* 76(4):696-699.
- 0893 _____. 1980. The effect of varied amounts of starch, sucrose, and lipids on the fatty acids of the boll weevil (Anthonomus grandis). *Entomologia Experimentalis et Applicata* 27(3):246-254.
- 0894 _____. ; HOPKINS, A.R.; TAFT, H.M. y ANDERSON, L.L. 1967. Fatty acids in total lipid extracts of insecticide-treated boll weevils that survived or died. *Journal of Economic Entomology* 60:64-68.
- 0895 _____. ; LEOPOLD, R.A. y TAFT, H.M. 1978. Boll weevils (Anthonomus grandis) mechanism of transfer of diflubenzuron from male to female. *Journal of Economic Entomology* 71(4):587-590.
- 0896 _____. y TAFT, H.M. 1975. Boll weevils (Anthonomus grandis): chemo-sterilization of both sexes with busulfan plus Thompson-Hyaward TH-6040 (Cotton pest control). *Journal of Economic Entomology* 68(1):96-98.
- 0897 _____. y _____. 1969. Effect of melatonin on egg production of the boll weevil, Anthonomus grandis. *Ann. Entomol. Soc. Am.* 62: 252.
- 0898 _____. y _____. 1971. Effect of reproduction of the boll weevil by drugs which act on catecholamines and indolealkylamines (Anthonomus grandis). *Annals of the Entomological Society of America* 64(6): 1390-1393.

- 0899 MOORE, R.F. y TAFT, H.M. 1972. Relationship between phospholipids and triglycerides in the boll weevil and susceptibility to toxapene + DDT. (Anthonomus grandis). Journal of Economic Entomology 65(6): 1733-1735.
- 0900 _____; _____ y PAYNE, L.B. 1970. Dimethyl sulfoxide as a possible synergist for selected insecticides against the boll weevil. Journal of Economic Entomology 63:1342-1343.
- 0901 _____; WHISNANT, F.F. y TAFT, H.M. 1967. A laboratory diet containing egg albumin for larval and adult boll weevils. Journal of Economic Entomology 60:237-241.
- 0902 MORALES PEREZ, A. 1975. Control biológico para plagas del algodonero. Panagfa (México) 3(22):7-11.
- 0903 _____ . 1975. Control biológico para plagas del algodonero. (Pectynophora gossypiella). Panagfa (México) 3(21):12-13.
- 0904 MORENO Y PALOMINO, J. 1976. Combate del picudo del algodonero (Anthonomus grandis Boh.). Panagfa (México) 4(29):4-8.
- 0905 MORGAN, A.C. 1907. Papers on the cotton boll weevil and related and associated insects:the cotton stallborer. Washington D.C., USDA, 5 págs.
- 0906 MORI, K. 1978. Synthesis of the both enantiomers of grandisol, the boll weevil (Anthonomus grandis) pheromone. Tetrahedron 34(7): 915-920.
- 0907 _____ y TAMADA, S. 1978. (-)-Grandisol, the antipode of the boll weevil (Anthonomus grandis) pheromone, is biologically active. Naturwissenschaften 65(12):653-654.
- 0908 _____; _____ y HEDIN, P.A. 1978. (-)-Grandisol, the antipode of the boll weevil pheromone is biologically active. Naturwissenschaften, 65(12) 653-654.

- 0909 MORTTZ, R.J. 1979. West Texas diapause boll weevil (Anthonomus grandis) control program (Cotton). Summary proceedings - Western Cotton Production Conference. Pág 85-96.
- 0910 MULHERN, F.J. 1977. Boll weevil (Anthonomus grandis) eradication: today's challenge (Cotton). Cotton Gin Oil Mill Press 78(27); 16.
- 0911 MULLINS, J.W. y LENTZ, G.L. 1981. Seasonal pattern of boll weevil, Anthonomus grandis Boheman, emergence from cotton squares in West Tennessee. Journal of the Georgia Entomological Society 16(1):21-27.
- 0912 NAMKEN, L.N.; HEILMAN, M.D.; JENKINS, J.N. y MILLER, P.A. Plant resistance and modified cotton culture (Anthonomus grandis, integrated pest management, insect resistant cultivars). United States Department of Agriculture, Agriculture Handbook Nº585, 1981. Pág. 73-101. Maps.
- 0913 NATIONAL COTTON COUNCIL. 1974. Boll weevil losses: Value and location of Losses caused by the Boll Weevil. Beltwide and State Cost Summaries. The National Cotton Council in Cooperation with State Extension Specialists. Junio 52 págs.
- 0914 _____, 1973. Overall Plan for a National Program to eliminate the Boll Weevil from the United States. A report of the National Cotton Council of America Technical Subcommittee on Boll Weevil Eradication. Diciembre 4, 72 págs.
- 0915 _____, 1969. Selection of locations for Pilot Boll Weevil Eradication Experiments. A Report of the findings of a subcommittee appointed by the National Cotton Council's Special Study Committee on Boll Weevil Eradication. Agosto 15.
- 0916 NEFF, D.L. y VANDERZANT, E.S. 1963. Methods of evaluating the chemo-tropic response of boll weevils to extracts of the cotton plant and various other substance. Journal of Economic Entomology 56(6): 761-766.
- 0917 NELSON, D.R.; POMONIS, J.G.; CARDWELL, D.L. y SUKKESTAD, D.R. 1972. Fate and distribution of busulfan in the boll weevil. (Anthonomus grandis, cotton, pest control). Pestic Biochem Physiol 2(2): 178-183.

- 0918 NEMEC, S.J. 1972. Resistance levels and results of laboratory insecticide tests for controlling boilworms, tobacco budworms and boll weevils. (Heliothis zea, Heliothis virescens, Anthonomus grandis). Texas Agricultural Experiment Station Prog. Rep. (Consol Prog. Rep), págs. 74-85.
- 0919 _____ y ADKISSON, P.L. 1969. Effects of simulated rain and dew on the toxicity of certain ultra-low-volume insecticidal spray formulations. Journal Economic Entomology 62: 71-73.
- 0920 _____ y _____. 1973. Organophosphate insecticide resistance levels in tobacco budworm and bollworm populations in Texas. (Heliothis virescens, Anthonomus grandis). Texas Agricultural Experiment Station, Dep. Agr. Econ. Sociol. Dept. Tech. Rep. 29: 18-25.
- 0921 NETTLES JUNIOR, W.C. 1972. Toxic sugars and longevity of Anthonomus grandis. Journal of Insect Physiology. 18(6): 1107-1113.
- 0922 _____ y BETZ, N.L. 1975. Lack of synergism when Strobane-DDT mixtures are injected into the boll weevil (Anthonomus grandis, cotton). Journal Economic Entomology 68(4): 438-440.
- 0923 _____ y _____. 1966. Surface sterilization of eggs of the boll weevil with cupric sulfate. Journal Economic Entomology 59:239 págs.
- 0924 _____ y BURKS, M.L. 1971. Absorption and metabolism of galactose and galactitol in Anthonomus grandis. J. Insect Physiol. 17(9): 1615-1623.
- 0925 _____ y _____. 1973. Metabolism of sugars to polyols in the boll weevil, (Anthonomus grandis). J. Insect Physiol. 19(8):1677-1687.
- 0926 _____; PARRO, B; SHARBAUGH, C. y MANGUM, C.L. 1971. Trehalose and other carbohydrates in Anthonomus grandis, Heliothis zea, and Heliothis virescens during growth and development. J. Insect Physiol. 17(4): 657-675.
- 0927 _____; _____; _____ y _____. 1972. Trehalose and other carbohydrates in diapausing and starving boll weevils (Anthonomus grandis) Entomol. Soc. Amer. Ann 65(3): 554-558.

- 0928 NETTLES, W.C. y SPARKS JUNIOR, L.M. 1948. Cotton insects; boll weevil, cotton leafworm, cotton aphid, cotton fleahopper bollworm, red spider. South Carolina Clemson Agricultural College, Circular N°312. 12 págs.
- 0929 NEWELL, W.; GROSSMAN, E.F. y CAMP, A.F. 1926. The Mexican cotton boll weevil. Gainesville. Florida Agricultural Experiment Station Bulletin N° 180. 25 págs.
- 0930 NEWSOM, L.D. 1962. The boll weevil problem in relation to other cotton insects. Proceedings of the Boll Weevil Symposium, State College, Mississippi, March 21. Pág. 83-91.
- 0931 _____ 1976. The elimination concept and its alternatives (Anthonomus grandis, cotton). ARS-S/U.S. Agricultural Research Service South Reg. 71: 149-153.
- 0932 _____, 1970. The end of an era and future prospects for insect control. Tall Timbers Conf. Ecol. Anim. Contr. Habitat Manage. Tallahassee, Fl. Feb.26-28. 2:117-136.
- 0933 _____ y BRAZZEL, J.R.. 1968. Pests and their control. En: Advances in Production and Utilization of Quality Cotton: Principles and Practices. The Iowa State University Press, Ames, Iowa. Pág. 367-405..
- 0934 _____ y SMITH, C.E. 1949. Destruction of certain insect predators by applications of insecticides to control cotton pests. Journal Economic Entomology 42: 904-908.
- 0935 NICARAGUA, COMISION NACIONAL DEL ALGODON. 1977. Insecticidas para el control del picudo; ensayo N°5. En Posoltega, Nicaragua. Comisión Nacional del Algodón. Informe de las labores de la Sección de Entomología 1976/77, Managua, Nicaragua, 4 págs.
- 0936 NICARAGUA, MINISTERIO DE DESARROLLO AGROPECUARIO, REFORMA AGRARIA. Proyecto piloto de supresión de picudo. Informe Final de la Temporada 1982/83. Centro Experimental del Algodón, Posoltega, 1983. 45 págs.
- 0937 NICHOLSON JUNIOR, W.F. et al. 1983. An assessment of community-wide bollworm management programs. Arkansas Farm Research 32(1): 3.

- 0938 NILAKHE, S.S. 1977. Boll weevils (Anthonomus grandis, cotton pests); sperm transfer by sterile vs. normal males; fecundity and the use of sperm by females. Ann. Entomol. Soc. Ame. 70(6): 929-932.
- 0939 _____. 1977. Longevity and fecundity of female boll weevils (Anthonomus grandis) placed with varying numbers of males. Ann. Entomol. Soc. Am. 70(5): 673-674.
- 0940 _____. 1977. Sperm production in overwintered vs. Sterile boll weevils (Anthonomus grandis) and attractiveness of laboratory vs. overwintered males. Journal Ga Entomology Soc. 12(4): 321-327.
- 0941 _____. y EARLE, N.W. 1976. Mating frequency of normal vs. Sterile male boll weevils in the laboratory (Anthonomus grandis, cotton insects). J. Econ. Entomol. 69(4): 459-461.
- 0942 _____. y _____. 1976. Sperm production in normal vs. Sterile boll weevils (Anthonomus grandis, for eradication or suppression purposes). J. Economic Entomology 69(5): 609-613.
- 0943 _____. y VILLAVASO, E.J. 1978. Effect of release time on recovery of tagged irradiated boll weevil (Anthonomus grandis). J. Economic Entomology 71(3): 401-402.
- 0944 _____. y _____. 1978. Effect of release time on recovery of tagged irradiated boll weevils. Journal of Economic Entomology 71(3): 401-402.
- 0945 _____. y _____. 1979. Measuring sperm competition in the boll weevil (Anthonomus grandis) by the use of females whose spermathecae have been surgically removed. Annals. Entomological Society of America 72(4): 500-502.
- 0946 NORMAN JUNIOR, J.W. y HENSON, J.L. 1979. Effects of water management practices on economics of insect control on cotton. Lower Rio Grande Valley, Texas (Pseudatomoscelis seriatus, Heliothis spp, Anthonomus grandis). Journal of Economic Entomology 72(3): 367-370.

- 0947 NORMENT, B.R. Temperature relationships and joint actions in organophosphorus poisoning in the boll weevil. Anthonomus grandis Boheman. Tesis (Ph. D.). Mississippi State University. 1969. 35 págs.
- 0948 _____ y CHAMBERS, H.W. 1970. Joint actions in organophosphorus poisoning in boll weevils (Anthonomus grandis, insecticides, defoliants cotton). Journal Economic Entomology 63 (2): 499-502.
- 0949 _____ y _____. 1970. Temperature relationship in organophosphorus poisoning in boll weevil. (Anthonomus grandis, cotton, insecticides defoliants). Journal Economic Entomology 63 (2): 502-504.
- 0950 NORTH, D.T.; LEOPOLD, R.A. y CHILDRESS, D. 1981. Meiotic and mitotic chromosomes of the cotton boll weevil (Coleoptera: Curculionidae) (Anthonomus grandis). Canadian Journal of genetics and cytology 23 (3): 443-447.
- 0951 OLIVER, A.D. et. al. 1964. Effects of various water volumens of the effectiveness on methil-parathion-DDT in controlling the cotton boll weevil. Anthonomus grandis. Journal of Economic Entomology 57(2): 292-294.
- 0952 OLIVER, J.E.; BROWN, R.T.; STOKES, J.B. y McHAFFEY, D.G. 1973. Chemosterilants against the boll weevil. Miscellaneous compounds. (Anthonomus grandis, cotton pests). Journal Economic Entomology 66(3): 796-798.
- 0953 _____; DEMILO, A.B.; BROWN, R.T. y McHAFFEY, D.G. 1977. AI3-63223: a highly effective boll weevil (Anthonomus grandis) sterilant. Journal Economic Entomology 70(3): 286-288.
- 0954 ORGANISMO INTERNACIONAL REGIONAL DE SANIDAD AGROPECUARIA. 1967. Insectos que atacan al algodón de importancia cuarentenaria para México, Centro América y Panamá. San Salvador, El Salvador. 53 págs.
- 0955 OURTH, D.D. y JONES, B.R. 1980. Lysozume in eggs of the cotton boll weevil. Anthonomus grandis Boheman (Coleoptera: Curculionidae). Experientia, 36 (2): 196 págs.

- 0956 GURTH, D.D. y SMALLEY, D.L. 1980. Phagocytic and humoral immunity of the adult cotton boll weevil, Anthonomus grandis (Coleoptera: Curculionidae) to Serratia marcescens. Journal of Invertebrate Pathology 36(1): 104-112.
- 0957 PARAGUAY, Ministerio de Agricultura y Ganadería - IICA. Lineamientos para un plan de acción contra el picudo del algodón (Anthonomus grandis Boheman) en el Paraguay. IICA, Programa de Sanidad Vegetal, 1983. 3 págs.
- 0958 PARENCEA, C.R. 1968. Control of cotton insects with an insect-collecting machine. Journal Economic Entomology 61: 274-279 págs.
- 0959 . 1976. Events leading to the pilot boll weevil (Anthonomus grandis) eradication experiment (Cotton). ARS-S/U.S. Agricultural Research Service South Reg. 71: 59-61.
- 0960 . 1978. Dept. Agric. One hundred twenty years of Research on Cotton Insects in the United States. USDA Handbook N°515, 75 págs.
- 0961 . 1976. The Pilot Boll Weevil (Anthonomus grandis) Eradication Experiment (Cotton). U.S. Northeastern Forest Experiment Station Gen Tech Rep. 27: 3-6, 15.
- 0962 . y COWAN JUNIOR, C.B. 1960. Increased tolerance of the boll weevil and cotton fleahopper to some chlorinated hydrocarbon insecticides in central Texas in 1958. Journal of Economic Entomology 53(1): 52-56 págs.
- 0963 et. al. 1957. Control of cabbage loopers on cotton with boll weevil and bollworm insecticides in Central Texas in 1956. Journal of Economic Entomology 50(5): 666-668.
- 0964 et. al. 1964. Studies on the ability of overwintered boll weevils to find fruiting cotton plants. Journal of Economic Entomology 57(1): 162, 165.
- 0965 PARROTT, W.L.; JENKINS, J.N. y BUFORD, W.T. 1970. Instars and duration of stadia of boil weevil larvae (Anthonomus grandis). Entomol. Soc. Amer. Ann. 63(5): 1265-1267.

- 0966 PARROTT, W.L.; JENKINS, J.N. y SMITH, D.B. 1973. Frego bract cotton and normal bract cotton: how morphology affects control of boll weevils by insecticides (Anthonomus grandis). Journal Economic Entomology 66(1): 222-225.
- 0967 _____; MAXWELL, F.G.: JENKINS, J.N. y MAULDIN, J.K. 1969. Amino acids in hosts and nonhosts of the boll weevil, Anthonomus grandis. Ann. Entomol. Soc. Am., Maryland 62(2): 255-261.
- 0968 PASSOS, S.M. de G.; da CRUZ, V.R. y NOVO, J.P.S. Recomendações para o controle das pragas do algodoneiro com medidas para erradicação do bicho (Anthonomus grandis) no Estado do São Paulo. Ano Agrícola 1983/84. Governo do Estado de São Paulo, Secretaria de Agricultura e Abastecimento, Coordenadoria de Assistência Técnica Integral, Campinas, Doc. Técnico Nº40. 1983. 14 págs.
- 0969 PELLETIER, S.W. y MODY, N.V. 1976. A facile synthesis of the cyclohexyl constituents of the boll weevil (Anthonomus grandis) sex pheromone. Journal Org. Chem. 41 (6) 1969-1971.
- 0970 PEREZ CERVANTES, M. 1982. Control biológico. En Curso sobre Control Integrado de Plagas del Algodón, San Salvador, El Salvador, 1982. (Trabajos). San Salvador, Ministerio de Agricultura y Ganadería. 25 págs.
- 0971 PERIMMER, T.R.; FURR, R.E. y STADELBACHER, E.A. 1971. Materials for control of boll weevils, bollworms and tobacco budworms on cotton at Stoneville, Mississippi. (Anthonomus grandis, Heliothis zea, Heliothis virescens, chemical control-insects). Journal Economic Entomology 64(2): 475-478.
- 0972 PERKINS, J.H. 1980. Boll weevil (Anthonomus grandis) eradication (Cotton). Science 207 (4435): 1044-1050.
- 0973 _____ Insects, experts and the insecticide crisis. New York, Plenum Press. 1982. 304 págs.
- 0974 PEST INJURY resembling disease effect. 1981. En Watkins, G.M. ed. Compendium of cotton diseases. St. Paul, Minnesota, American Phytopathological Society. 68 págs.

- 0975 PFRIMMER, T.R. 1968. Field tests with in-furrow and seed treatments of systemic insecticides on cotton at Stoneville, Mississippi. Journal Economic Entomology 61: 1607-1612.
- 0976 . 1966. Systemic insecticides for cotton insect control in 1965. Journal Economic Entomology 59: 1113-1118.
- 0977 ; FURR, R.E. y STADELBACHER, E.A. 1971. Materials for control of boll weevils, bollworms and tobacco budworms on cotton at Stoneville, Mississippi. Journal Economic Entomology 64: 475-478.
- 0978 y MERKL, N.E. 1981. Boll weevil: winter survival in surface woods trash in Mississippi. Environmental Entomology 10(4): 419-423.
- 0979 PHILLIPS, J.R. 1976. Diapause as it relates to the boll weevil Anthonomus grandis Boheman (Cotton). ARS-S/U.S.Agricultural Research Serv. South Reg. 71: 10-11.
- 0980 ; ANDERSON, D; HARRIS, A.; HARDEE, D.D.; SMITH, B.F.; MAXWELL, F.G.; CLOWER, D. y LINCOLN, C. 1976. Final discussion (Boll weevil eradication, Anthonomus grandis, cotton). ARS.U/U.S. Agricultural Research Service South Reg. 71: 169-172 págs.
- 0981 PICUDO (Del algodón). Anthonomus grandis. En Schmuttered H. Plagas y enfermedades del algodón en Centroamérica. Eschborn Sociedad Alemana de Cooperación Técnica, 1977. Págs.23-29.
- 0982 PICUDO del Algodón. En mejores cosechas con Shell, 2(17): 2, 1956.
- 0983 . Revista Nicaraguense de Agricultura y Ganadería 6(27):1-2. 1978.
- 0984 . Podremos detener su avance. Entomólogo 29: 1-2. 1981.
- 0985 . Que tiene 1.000 años. Agricultura de las Américas 13(6): 44-46. 1969.

- 0986 PIERCE, W.D. 1913. The occurrence of a cotton boll weevil in Arizona. Journal of Agricultural Research 1: 89-98.
- 0987 ; CUSHMAN, R.A. y HOOD, C.E. 1912. The insect enemies of the cotton boll weevil. USDA Bur. Entomol. Bulletin N°100. 99 págs.
- 0988 PIETERS, E.P. 1976. Chemical control of overwintering boll weevils (Anthonomus grandis) in the Coastal Bend area of Texas (Cotton). Texas, Agricultural Experiment Station Prog. Rep. 3419. 3 págs.
- 0989 . 1976 Movement of boll weevils (Anthonomus grandis) to fall trap crops. Journal Economic Entomology 69(2): 189-191
- 0990 y BIRD, L.S. 1977. Field studies of boll weevil (Anthonomus grandis) resistant cotton lines possessing the okra leaf-frego bract characters. Crop Sci. 17(3):431-433.-
- 0991 y STERLING, W.L. 1975 Sequential sampling cotton squares damaged by boll weevils (Anthonomus grandis) or Heliothis spp. in the Coastal Bend of Texas. Journal Economic Entomology 68(4): 543-548.
- 0992 y URBAN, T.C. 1977. Dispersal of the boll weevil (Anthonomus grandis) cotton pest, in the coastal bend area of Texas. Southwest Entomology 2(1): 4-7. Map.
- 0993 PLAGAS DEL ALGODON: el picudo. En carta del MAC, Venezuela 6(29):1-5., 1962.
- 0994 PLAGAS QUE vuelan a largas distancias. Agricultor Costarricense 34(12):432, 1977.
- 0995 POLLES, S.G.; PAYNE, J.A. y JONES, R.L. 1977. Attraction of the pecan (Carya illinoensis) weevil (Curculio caryae) to its natural pheromone and grandlure (the synthetic pheromone of Anthonomus grandis). Pecan South 4(1): 26-28.

- 0996 PRICE, J.R. y SLOSSER, J.E. 1983. A mark-release trap for boll weevils (Coleoptera: Curculionidae) (Anthonomus grandis, pests of cotton). Texas Agricultural Experiment Station P.R. 4135, 5 págs.
- 0997 PROTEJA sus cultivos contra el "picudo", el gusano de la bellota. En mejores cosechas con Shell 2(25): 3. 1956..
- 0998 PRUITT, G.R.; RUMMEL, D.R.; WADE, L.J. y WHITE, J.R. 1978. Effects of long term suppression program on boll weevil (Anthonomus grandis) susceptibility to malathion. Southwest Entomology 3(3): 215-218.
- 0999 RAINWATER, C.P. 1970 Prospects for the eradication of the boll weevil (Anthonomus grandis, cotton, plant pest control). Wash Academy Sci 60(2): 48-53.
- 1000 RAST, L.E. 1917. Cotton production under boll weevil conditions. Georgia, State College of Agriculture, Bulletin Nº115. 32 págs.
- 1001 REDDY, P.S.C. y JONES, J.E. Plant microclimate and cotton boll weevil (Anthonomus grandis Boh) hatch-out as influenced by three leaf types of Gossypium hirsutum L. Madison USA, American Society of Agronomy. 1973. 13 págs.
- 1002 REINECKE, L.H.; KLASSEN, W. y NORLAND, J.F. 1969. Damage to testes and recovery of fertility in boll weevils fed chemosterilants (Anthonomus grandis). Entomology Soc. Americ. Ann 62(3):511-525 .
- 1003 REINHARD, H.J. 1943. Hibernation of the boll weevil. Texas, Texas Agricultural Experiment Station Bulletin Nº638, 23 págs.
- 1004 REYNOLDS, H.T. 1976. Insect pest (Anthonomus grandis, Heliothis zea) management on cotton in the United States. Texas, Agricultural Experiment Station MP 1276: 123-134.
- 1005 ; MELCALF, R.L. y FUKUTO, T.R. 1966. Systemic insecticidal action of o-methyl-o-para-methylthiophenyl methylphosphonothionate and related compounds. Journal Economic Entomology 59: 293-299.

- 1006 RIDGWAY, R.L.; BARIOLA, L.A. y HARDEE, D.D. 1971. Seasonal movement of boll weevils near the high plains of Texas (Anthonomus grandis). Journal Economic Entomology 64(1): 14-19.
- 1007 _____; JONES, S.L.; COPPEDGE, J.R. y LINDQUIST, D.A. 1968. Systemic activity of 2-Methyl-2 (methylthio) Propionaldehyde O-(methylcarbamoyl) oxime (UC-21149) in the cotton plant with special reference to the boll weevil. Journal Economic Entomology 61(6): 1705-1712.
- 1008 _____; HOLLINGSWORTH, J.P. y BULL, D.L. 1976. Efficiency of boll weevil (Anthonomus grandis) pheromone traps (Cotton). Texas, Agricultural Experiment Station, Res. Monogr. 8:16-19.
- 1009 _____; JONES, S.L. y GORZYCKI, L.J. 1966. Tests for boll weevil control with a systemic insecticide and a boll weevil feeding stimulant. Journal Economic Entomology 59: 149-153.
- 1010 _____ y LINDQUIST, D.A. 1966. Systemic activity of Shell SD-9129 in cotton plants. Journal Economic Entomology 59: 961-964.
- 1011 _____; LLOYD, E.P. y CROSS, W.H. (Eds). Cotton insect management with Special Reference to the Boll Weevil. USDA/ARS Agriculture Handbook N°589, 1983.
- 1012 RIEMANN, J.G. y FLINT, H.M. 1967. Irradiation effects on midguts and testes of the adult boll weevil, Anthonomus grandis, determined by histological and shielding studies. Ann. Entomology Soc. Am. 60:298-308.
- 1013 ROACH, E.R. 1973. The effects of the boll weevil eradication experiment on certain wildlife species. M.S. Tesis Dept. of Wildlife and Fish., Mississippi State University, 54 págs.
- 1014 ROACH, S.H. 1979. Boll weevils (Anthonomus grandis, pest of cotton), reproductive potential, feeding and longevity of overwintering adults and some effects of photoperiod on fecundity. Journal Georgia Entomological Society 14(4): 346-350.

- 1015 ROACH, S.H. 1973. Developmental changes in the boll weevil. Anthonomus grandis, studied with time-lapse photography. Annals of the Entomological Society of America 66(1): 24-27.
- 1016 _____; AGEE, H.R. y RAY, L. 1972. Influence of position and color of male-baited traps on captures of boll weevils (Anthonomus grandis). Environ Entomol 1(4): 530-532.
- 1017 _____ y LEGGET, J.E. 1979. Boll weevil (Anthonomus grandis) parasites; emergence from cotton squares in the Florence, South Carolina, area. Journal of Economic Entomology 72(2): 162-164.
- 1018 _____ y RAY, L. 1972. Boll weevils captured at Socastee, South Carolina in 1970, in wing traps placed around fields and without growing cotton (Anthonomus grandis). Journal Economic Entomology 65(2): 559-560.
- 1019 _____; _____; HOPKINS, A.R. y TAFT, H.M. 1971. Comparison of attraction of wing traps and cotton trap plots baited with male boll weevils for overwintered weevils (Anthonomus grandis). Entomol. Soc. Amer. Ann 64(2): 530-531.
- 1020 _____; _____; TAFT, H.M. y HOPKINS, A.R. 1971. Wing traps baited with male boll weevils for determining spring emergence of overwintered weevils and subsequent infestations in cotton (Anthonomus grandis). Journal Economic Entomology 64(1): 107-110.
- 1021 _____; TAFT, H.M.; RAY, L y HOPKINS, A.R. 1971. Population dynamics of the boll weevil in an isolated cotton field in South Carolina (Anthonomus grandis). Entomol. Soc. Amer. Ann 64(2): 394-399.
- 1022 _____ y WALKER, J.T. 1970. A parasitic mite found on boll weevil near Florence, South Carolina in 1968 (Leptus, Anthonomus grandis). Journal Economic Entomology 63(2): 646-647.
- 1023 ROBERTSON, K., SCHOENECKER, B. y McEWEN, L.C. 1965. The effects of the 1964 grasshopper control program in Sioux County, Nebraska, U.S. Plant Pest Control Division. 11 pags.

- 1024 ROBERTSON, O.T. 1957. Occurrence of the boll weevil in the Big Bend of Texas. *Journal of Economic Entomology* 50(1): 102.
- 1025 _____; NOBLE, L.W. y ORR, G.E. 1966. Spread of the boll weevil and its control in far west Texas. *Journal Economic Entomology* 59: 754-756.
- 1026 ROGERS, C.E.; DAKES, S.N. y RUMMEL, D.R. 1976. Evaluation of infiel pheromone traps for boll weevil (Anthonomus grandis) suppression in the Texas Rolling Plains (Cotton). *Texas, Agricultural Experiment Station, Res. Monogr.* 8:45-52.
- 1027 RON PEDRIQUE, A. El picudo del algodón en Venezuela. *El Agricultor Venezolano* 14(141): 24-28. 1950.
- 1028 ROSENBLATT, N.K. 1980. Ambush insecticide labeled for boll weevil control (Anthonomus grandis, on cotton). *Aerial applicator* 18(6):10.
- 1029 ROTH, H. y KENNEDY, J.W. 1972. Methyl bromide and aluminum phosphide as fumigants for control adult boll weevils: laboratory studies. (Anthonomus grandis). *Journal Economic Entomology* 65⁶ :1650-1651.
- 1030 ROTHROCK, M.A. y STERLING, W.L. 1982. A comparison of three sequential smapling packages for arthropods in cotton. *Southwestern Entomologist* 7(1): 39-49.
- 1031 ROUSSEL, J.S. 1976. In season control of the boll weevil (Anthonomus grandis, cotton). *ARS-S/U.S. Agricultural Research Service South Reg.* 71: 26-27.
- 1032 _____ y CLOWER, D.F. 1957. Resistance to the chlorinated hydrocarbon insecticides in the boll weevil. *Journal Economic Entomology* 50:436-438.
- 1033 RUMMEL, D.R. 1976. An area-wide boll weevil (Anthonomus grandis) suppression program-organization, operation and economic impact (Cotton). *Texas, Agricultural Experiment Station MP 1276:* 152-159.

- 1034 RUMMEL, D.R. 1980. Effectiveness of diflubenzuron on boll weevils (Anthonomus grandis) in the Texas rolling plains. The Southwestern Entomologist (suppl. 1): 8-14.
- 1035 _____. 1976. Reproduction-diapause boll weevil (Anthonomus grandis) control (Cotton). ARS-S/U.S. Agricultural Research Service South Reg. 71:28-30.
- 1036 _____. 1980. Summary (Effectiveness of diflubenzuron (Dimilin) for boll weevil, Anthonomus grandis, suppression in Texas. The Southwestern Entomologist (suppl. 1):36-37.
- 1037 _____. y ADKISSON, P.L. 1971. A two-phased control program designed for maximum suppression of the boll weevil in the high and rolling plains of Texas (Anthonomus grandis). Journal Economic Entomology 64(4): 945-948.
- 1038 _____. y _____. 1970. Distribution of boll weevil-infested cotton fields in relation to overwintering habitats in the high and rolling plains of Texas (Anthonomus grandis). Journal Economic Entomology 63(6):1906-1909.
- 1039 _____. y BOTTRELL, D.G. 1976. Relationship of overwintered boll weevil (Anthonomus grandis) response to pheromone traps and natural entry into cotton. Texas, Agricultural Experiment Station, Res. Monogr. 8:26-31.
- 1040 _____. y _____. 1976. Seasonally related decline in response of boll weevils (Anthonomus grandis) to pheromone traps during mid-season (Cotton). Environ. Entomol. 5(4):783-787.
- 1041 _____. ; _____. ; ADKISSON P.L. y MCINTYRE, R.C. 1975. An appraisal of a 10-year effort to prevent the westward spread of the boll weevil (Anthonomus grandis, cotton pests). Bull. Entomol. Soc. Amer. 1: 6-11. Map.
- 1042 _____. y CARROLL, S.C. 1983. Winter survival and effective emergence of boll weevil cohorts entering winter habitat at different times (Anthonomus grandis, Texas). The Southwestern Entomologist 8(2): 101-106.

- 1043 RUMMEL, D.R. y JORDAN, L.B. 1973. A rescheduled reproductive-diapause control program for maximum suppression of potential overwintering boll weevils in the Rolling Plains of Texas. (Anthonomus grandis, cotton, Heliothis zea). Texas A.M.University, Agricultural Experiment Station PR. 3210. 11 págs.
- 1044 _____; _____; WHITE, J.R. y WADE, L.J. 1977. Seasonal variation in the height of boll weevil (Anthonomus grandis) flight (in a cotton field in Texas). Environ Entomology 6(5): 674-678.
- 1045 _____; MCINTYRE, R.C. y NEEB, C.W. 1976. Suppression of boll weevils (Anthonomus grandis) with grandlure-baited trap crops (Cotton). Texas, Agricultural Experiment Station Res. Monogr. 8: 53-61.
- 1046 _____; PRUITT, G.R.; WHITE, J.R. y WADE, L.J. 1979. Comparative effectiveness of diflubenzuron and azinphosmethyl for control of boll weevils (Anthonomus grandis, in Texas cotton fields). The Southwestern Entomologist 4(4): 315-320.
- 1047 _____; WADE, L.J. y WHITE, J.R. 1977. Efficiency of grandlure baited boll weevil (Anthonomus grandis) traps. Southwest Entomol 2(3):137-143.
- 1048 _____; WHITE, J.R.: CARROLL, S.C. y PRUITT, G.R. 1980. Pheromone trap index system for predicting need for overwintered boll weevil (Anthonomus grandis grandis) control (Cotton). Journal of Economic Entomology 73(5): 306-810.
- 1049 _____; _____ y _____. 1978. A wild feeding host (Hymenopappus flavesens) of the boll weevil (Anthonomus grandis) in west Texas. Southwest Entomol. 3(3): 171-175.
- 1050 _____; _____ y _____. 1975. Late season immigration of boll weevils (Anthonomus grandis) into an isolated cotton plot. Journal Economic Entomology 68(5): 616-618.
- 1051 RUSSELL, W.G. y MULLINS, J.A. 1969. A new technique for determining direct impingement of insecticide on boll weevils. Journal Economic Entomology 62: 1122-1123.

- 1052 SALAZAR V., J.; VILAIN P., L. y PEREZ, A. 1979. Fluctuación poblacional de las plagas principales del algodonero en los llanos occidentales durante el período 1974/79. I. Picudo del algodonero (Anthonomus grandis) y gusano bellotero (Heliothis sp.). En Congreso Venezolano de Entomología, 4º Araure, Venezuela, 1979. Resúmenes. Maracay, Venezuela, Sociedad Venezolana de Entomología. 3 págs.
- 1053 SALGADO SOSA, E. 1978. Algodonero resistente al ataque del complejo bellotero, Heliothis spp. y picudo Anthonomus grandis (Boh.). Algodón mexicano, Abril/Junio 1978 (92): 35-39.
- 1054 _____. 1981. Efecto de varios dispersantes del atrayente grandlure en la captura de hembras del picudo del algodonero. Agricultura Técnica en México 7(1): 25-35.
- 1055 SANTIZO R., F.A. El picudo del algodón. Guatemala, Instituto Agropecuario Nacional, s.f.; 7 págs.
- 1056 SARTOR, C.F. 1972. Diapause boll weevil control and its importance in pest management programs and developing an educational program for the adoption of a cotton insect pest management program by farmers (Anthonomus grandis). En Implementing Practical Pest Management Strategies Proceedings National Extension Insect-Pest Management Workshop. Pág. 124-128.
- 1057 _____. Insect pest management techniques for Mississippi cotton production (Anthonomus grandis, boll weevil). Mississippi State University, Publ. Ext. Serv. Miss State Univ. Coop U.S. Dpt. Agric. N°924, 1975. 6 págs.
- 1058 SCOTT, W.P. 1977 Suppression of boll weevils (Anthonomus grandis) with diflubenzuron applied at different rates and spray intervals (Cotton). Mississippi, Agricultural and Forestry Experiment Station Res. Rep. Miss. Agric. For Exp. Stn. 3(10); 1-3.
- 1059 _____. LLOYD, E.P.; BRYSON, J.G. y DAVICH, T.B. 1974. Trap plots for suppression of low density overwintered populations of boll weevils (Anthonomus grandis, cotton pests, control). Journal Economic Entomology 67(2): 281-283.

- 1060 SCOTT, W.P. y LLOYD, E.P. 1975. Suppression of the boll weevil (Anthonomus grandis) with ULV(ultra-low-volume) azinphosmethyl, and malathion and with LV (low-volume) methyl parathion (on cotton). Journal Economic Entomology 68(6): 827-828.
- 1061 _____; y McKIBBEN, G.H. 1975. Boll weevil (Anthonomus grandis) control with controlled release formulations of methyl parathion (a preliminary report)(Cotton). Mississippi, Agricultural and Forestry Experiment Station Res Rep Miss Agric For Exp. Stn.1(14): 1-2.
- 1062 _____ y McKIBBEN, G.H. 1978. Toxicity of black pepper extract to boll weevils (Anthonomus grandis). Journal Economic Entomology 71(2): 343-344.
- 1063 _____; SMITH, D.B. y LLOYD, E.P. 1974. Direct and residual kill of the boll weevil with ULV (ultra-low-volume) sprays of azinphosmethyl. (Anthonomus grandis, cotton pests). Journal Economic Entomology 67(3): 408-410.
- 1064 _____; SMITH, J.W. y PARENCEA JUNIOR, C.R. 1981. Insecticide usage in Panola and Pontotoc Counties, Mississippi, 1977/1980, during the optimum pest management trial. Bulletin of the Entomological Society of America 27(4): 271-274.
- 1065 SCRUGGS, C.G. 1976. The will to win (Cochliomyia hominivorax, livestock, male sterility theory of control, Anthonomus grandis, cotton). ARS-S/ U.S. Agricultural Research Service South Reg. 71:127-129.
- 1066 SCHROEDER, M.L. y SNOW, J.P. 1982. Passage of boll rot fungi through alimentary canal of cotton boll weevil. Plant Disease 66(11):1049-1050.
- 1067 SCHUSTER, M.F.; ANDERSON, R.E. y CANNON, C.E. 1981. Boll weevil (Anthonomus grandis) oviposition on frego bract cotton. Journal of Economic Entomology 74(3): 346-349.
- 1068 _____; HOLDER, D.G.; CHERRY, E.T. y MAXWELL, F.G. Plant bugs (Anthonomus grandis, Heliothis zea, Heliothis virescens) and natural enemy insect populations on frego bract and smoothleaf cottons (Biological control). Mississippi, Agricultural and Forestry Experiment Station Miss State Univ. Agric. for Exp. Stn Tech Bull. 75. 1976, 11 págs.

- 1069 SCHWARZ, E.A. 1904. The cotton boll weevil in Cuba. Proc. Ent. Soc. Washington 6:13-17.
- 1070 SEMINARIO PICUDO DEL ALGODONERO, Montería, Colombia. 1980. Trabajos. Bogotá, Colombia, Sociedad Colombiana de Entomología, 1981. 75 págs.
- 1071 SEQUEIRA, Julio. The effects of thurberia weevil genes on oviposition of populations of the boll weevil, Anthonomus grandis (Coleóptera, Curculionidae). Tesis, University of Florida, 1972. 101 págs.
- 1072 SERRANO CERVANTES, L. 1978. Identificación, multiplicación y liberación de parásitos hymenópteros del picudo del algodonero Anthonomus grandis Boheman. Tesis Ing.Agr., San Salvador, El Salvador, Universidad de El Salvador, Facultad de Ciencias Agronómicas. 133 págs.
- 1073 _____ y ARGUETA ROMERO, A. 1979. Informe sobre los estudios de campo y laboratorio sobre Anthonomus grandis Boh., picudo del algodonero: realizadas durante Jul/Dic. 1978 en La Hacienda "La Provincia", Campo Experimental de la Facultad de Ciencias Agronómicas. San Salvador, El Salvador, Universidad de El Salvador, Facultad de Ciencias Agronómicas. 153 págs.
- 1074 SHELL ENDRIN combate el picudo, plaga principal del algodón. Mejores Cosechas con Shell 1(11):2. 1955.
- 1075 SHEPERD, R.L. 1982. Registration of eight germplasm lines of frego-bract cotton (Reg. N° GP 167 to GP 174). Crop Science 22(3): 692-693.
- 1076 SKKOROWSKI, P.P. 1975. Microbial monitoring in the boll weevil rearing facility, Mississippi, Mississippi Agric. & Forestry Exp. Stn. Tech. Bulletin N° 71. 21 págs.
- 1077 _____ Microbiological monitoring in the Robert T Gast Boll Weevil (Anthonomus grandis) rearing facility: a procedural manual (cotton). Miss. State University, Agricultural For. Exp. Stn. Tech. Bull. N° 71, 1975. 21 págs.

- 1078 SIKOROWSKI, P.P.; KENT, A.D.; LINDIG, O.H; WIYGUL, G y ROBERSON, J. 1980. Laboratory and insectary studies of the use of antibiotics and antimicrobial agents in mass-rearing of boll weevils (Anthonomus grandis). Journal of Economic Entomology 73(1): 106-110.
- 1079 _____ y THOMPSON, A.C. Effects of internal bacterial contaminants on mass reared boll weevils (Anthonomus grandis Boheman). Mississippi Agricultural and Forestry Experiment Station Technical Bulletin N°103. 1980. 6 págs.
- 1080 _____ ; WYATT, J.M. y LINDIG, O.H. 1977. Method for surface-sterilization of boll weevil eggs and the determination of microbial contamination of adults (Anthonomus grandis). Southwestern Entomology 2(1): 32-36.
- 1081 SIMONS, C.L. y WILSON, C.A. 1975. Studies to determine the effects of the boll weevil (Anthonomus grandis) eradication experiment on the honey bee, Apis mellifera L. Am Bee J. 115(9): 356, 358, 360, 372.
- 1082 SINGH, I.D. y WEAVER JUNIOR, J.B. 1972. Growthand infestation of boll weevils on normal glanded, glandless and high-gossypol strains of cotton. Journal of Economic Entomology 65(3): 821-823.
- 1083 SLATTEN, B.H.y LARSON, A.D. 1967. Mechanism of pathogenicity of Serratia marcescens. I. Virulence for the adult boll weevil. J.Invertebr.Pathol. 9: 78-81.
- 1084 SLOSSER, J.E. 1981. Cultural control of the boll weevil (Anthonomus grandis); influence of bed shape (Cotton pest, Texas). Journal of Economic Entomology 74(5): 561-565.
- 1085 _____, 1978. The influence of planting date on boll weevil (Anthonomus grandis) management. Southwest Entomology 3(3): 241-246.
- 1086 _____ y BORING, E.P. 1980. Shelterbelts and boll weevils (Anthonomus grandis): a control strategy based on management of overwintering habitat. Environmental Entomology 9(1):1-6.

- 1087 SMALLEY, D.L. y OURTH, D.D. 1979. Bacterial genera isolated from field-collected (diapausing) and laboratory-reared cotton boll weevils, Anthonomus grandis, (Coleoptera, Curculionidae). Journal of Invertebrate Pathology 34(2): 158-163.
- 1088 SMITH, D.B. Equipment for capturing fallen cotton squares (infested with Anthonomus grandis). U.S. Dept. Agri. Tech. Bull N° 1561, 1977. 11 págs.
- 1089 _____; BURT, E.C. y LLOYD, E.P. 1975. Selection of optimum spray-droplet sizes for boll weevil (Anthonomus grandis) and (insecticide) drift control. Journal Economic Entomology 68(3): 415-417.
- 1090 SMITH G.D. 1922. A preliminary report upon an improved method of controlling the boll weevil. Gainesville, Florida. Agricultural Experiment Station Bulletin N°165. 72 págs.
- 1091 SMITH, G.L. 1965. Boll weevil movement from hibernation sites to fruiting cotton. Journal of Economic Entomology 58(2): 357-358.
- 1092 _____ 1936. Percentages and causes of mortality of boll weevil stages within the squares. Journal Economic Entomology 29: 99-105.
- 1093 SMITH, J.R. 1970. Industry launches all-out drive on costs (Cotton, Anthonomus grandis, insect control). Cotton Trade J. Int. Edition 37:50-53.
- 1094 SNODGRASS, G.L. y CROSS, W.H. 1983. The use of DDVP in Leggett trap tops to improve trap efficiency (Anthonomus grandis). Journal of the Georgia Entomological Society 18(1); 50-53 págs.
- 1095 _____ y JOHNSON, W.L. 1979. Efficiency of the Legget trap in capturing responding boll weevils (Anthonomus grandis grandis). Journal of Economic Entomology 72(3): 378-379.
- 1096 SOBRINHO, R.B. y LUKEFAHR, M.J. Biólogo (Anthonomus grandis Boheman) Nova ameaça: à cotonicultura brasileira; biologia e controle. EMBRAPA, Centro Nacional de Pesquisa do Algodão, Campina Grande, PB., 1993. 32 págs.

- 1097 SOUTH CAROLINA. 1924. Clemson Agricultural College. Fall Boll Weevil control. Clemson, 1 págs. (Inf. Card. 32).
- 1098 SOUTHWICK, I.M.; CLOWER, J.P.; CLOWER, D.F.; GRAVES, J.B. y WILLIS, G.H. 1983. Effects of ultra-low-volume and emulsifiable-concentrate formulations on permethrin coverage and persistence on cotton leaves (Anthonomus grandis, Heliothis zea, Heliothis virescens, Gossypium hirsutum). Journal of Economic Entomology 76(6): 1442-1447.
- 1099 SOUZA, J.P. de y GONCALVEZ, A.M.R. 1978. Alternative route to three of the four terpenoid components of the boll weevil (Anthonomus grandis) sex pheromone. Journal Org. Chem 43(10): 2068-2069.
- 1100 SPARKS, A.N. y HARRELL E.A. 1976. Corn earworm rearing mechanization. U.S. Dep. Agric. Tech. Bulletin N°1554. 11 págs.
- 1101 _____; PAVLOFF, A.M.; ROSE, R.L. y CLOWER, D.F. 1983. Temperature-toxicity relationships of pyrethroids on Heliothis virescens (F.) (Lepidoptera: Noctuidae) and Anthonomus grandis grandis Boheman (Coleoptera: Curculionidae). Journal of Economic Entomology 76(2): 243-246.
- 1102 SPENCER, N.R. 1971. Sterilization of insect diet by gamma irradiation (Anthonomus grandis) Journal of Economic Entomology 64(3): 753-754.
- 1103 STANLEY, W.W. et. al. 1964. Results of cotton insect control work - in an area where boll weevils are not present all season. Tennessee Farm Home Science N°50, págs. 23-24.
- 1104 STEIM, J.M. y EDNER, O.G. 1969. Boll weevil found in pre-columbian cotton from Mexico. Science 162 (3856): 911-912.
- 1105 STEPHENS, S.G. 1957. Sources of resistance of cotton strains to the boll weevil and their possible utilization. Journal of Economic Entomology 50(4): 415-418.
- 1106 STERLING, W.L. 1978. Fortuitous biological suppression of the boll weevil (Anthonomus grandis) by the red imported fire ant (Solenopsis invicta) Environ Entomol. 7(4): 564-568.

- 1107 STERLING, W.L. 1978. Imported fire ant (Solenopsis invicta) may wear a gray hat (Biological control of cotton boll weevil, Anthonomus grandis). Texas agricultural progress 24 (4): 19-20.
- 1108 _____. 1972. Photoperiodic sensitivity in the ontogeny of the boll weevil (Anthonomus grandis). Environmental Entomology 1(5): 568-571.
- 1109 _____. Population dynamics and seasonal history of the boll weevil, Anthonomus grandis Boheman in the semi-arid high and rolling plains of Texas. Tesis, Texas A & M University, 1969. 110 pag.
- 1110 _____. 1971. Season biology of the boll weevil in the high and rolling plains of Texas as compared with previous biological studies of this insect. Texas, Agricultural Experiment Station. Miscellaneous publication Nº 933. 12 págs.
- 1111 _____. 1971. Winter survival of the boll weevil in the high and rolling plains of Texas. (Anthonomus grandis, cotton). Journal of Economic Entomology 64(1): 39-41.
- 1112 _____. y ADKISSON, P.L. 1966. An artificial diet for laboratory cultures of boll weevil larvae and adults. Journal of Economic Entomology 59:1074-1077.
- 1113 _____. y _____. 1966. Differences in diapause response of boll weevils from the High Plains and central Texas and the significance of this phenomenon in revising present fall insecticidal control programs. Tex. Agr. Exp. Sta. Bull. 1047. 7 págs.
- 1114 _____. y _____. 1978. Population dynamics of the boll weevil (Anthonomus grandis) inhabiting the high and rolling plains of Texas (Cotton pests). Environmental Entomology 7(3):439-444.
- 1115 _____. y _____. 1971. Seasonal biology of the boll weevil in the high and rolling plains of Texas as compared with previous biological studies on this insect. Tex. Agr. Exp. Sta. MP-993. 12 págs.

- 1116 STERLING, W.L. y ADKISSON, P. Seasonal incidence of diapause and reproduction in boll weevils inhabiting the high and rolling plains of Texas. (Anthonomus grandis, cotton). Texas Agricultural Experiment Station MP N° 1145, 1974. 9 págs.
- 1117 _____ y _____. 1970. Seasonal rates of increase for a population of the boll weevil, Anthonomus grandis, in the high and rolling plains of Texas. Entomol. Soc. Amer. Ann. 63(6):1696-1700.
- 1118 _____; JONES, D. y DEAN, D.A. 1979. Failure of the red imported fire ant (Solenopsis invicta) to reduce entomophagous insect and spider abundance in a cotton agroecosystem (Natural control of habits on boll weevils, Anthonomus grandis grandis and Heliothis spp.). Environmental Entomology 8 (6):976-981.
- 1119 STILL, G.G. y LEOPOLD, R.A. 1978. The elimination of (N-((4-chlorophenyl)amino)carbonyl)-2,6-difluorobenzamide) by the boll weevil (Anthonomus grandis, cotton). Pesticide biochemistry and physiology 9(3): 304-312.
- 1120 STINNER, R.E.; BUTLER JUNIOR, G.D.; BACHELER, J.S. y TUTTLE, C. 1975. Simulation of temperature-dependent development in population dynamics models (Anthonomus grandis, Trichoplusia ni, Heliothis zea). Can Entomol 107(11): 1167-1174.
- 1121 STOKES, R.A.; COPPEDGE, J.R.; BULL, D.L. y RIDGWAY, R.L. 1973. Use of selected plastics in controlled release granular formulations of aldicarb and dimethoate. (Anthonomus grandis, Aphis gossypii). J. Agr. Food Chem. 21(1):103-108.
- 1122 _____; _____ y RIDGWAY, R.L. 1970. Chemical and biological evaluation of the release of aldicarb from granular formulations. J. Agr. Food Chem. 18:195-198.
- 1123 STONER, A. 1968. Sphaeralcea spp. as hosts of the boll weevil in Arizona. Journal of Economic Entomology 61:1100-1101.
- 1124 STRUCK, R.F.; FRYE, J.; SHEALY, Y.F.; HEDIN, P.A.; THOMPSON, A.C. y MINYARD, J.P. 1968. Constituents of the cotton bud. IX. Further studies on a polar boll weevil feeding stimulant complex. Journal of Economic Entomology, Maryland, 61(1):270-274.

- 1125 SUKKESTAD, D.R.; CARDWELL, D.L.; POMONIS, J.G. y NELSON, D.R. 1972. Quantitative analysis of busulfan in boll weevils by gas chromatography (Anthonomus grandis). Journal of Economic Entomology 65(2):353-356.
- 1126 SZUMKOWSKI, W. 1952. El algodon de Sabana, Cienfuegosia affinja (H.B.K.) Kochr. Huesped del "picudo del algodon" Anthonomus grandis Boh. en Venezuela. Agron. Trop. 1(4):279-286.
- 1127 TAFT, H. y AGEE, H.R. 1969. Response of overwintered boll weevils to reflected light, odor, and electromagnetic radiation. (Anthonomus grandis). Journal of Economic Entomology 62(2):419-424.
- 1128 _____; HAYS, S.B. y HOPKINS, A.R. A comparison of toxaphene+DDT+methyl parathion with presently recommended and experimental insecticides for control of cotton pests in South Carolina (Anthonomus grandis, Heliothis; reprinted from Beltwide Cotton Production Research Conferences Proceedings). U.S. Agricultural Research Service. U.S. Agric. Res. Serv. Reprints of articles by ARS employees, 1977. Pág. 5-6.
- 1129 _____ y HOPKINS, A.R. 1978. Boll weevils (Anthonomus grandis): effects of various numbers of leggett traps on small and large populations. Journal of Economic Entomology 71(4): 598-600.
- 1130 _____ y _____. 1975. Boll weevils (Anthonomus grandis): field populations controlled by sterilizing emerging overwintered females with a TH-6040 (N-(4-chlorophenyl)-N'-(2,6-difluorobenzoyl)urea) sprayable bait (Cotton). Journal of Economic Entomology 68(4): 551-554.
- 1131 _____ y _____. 1967. Control of cotton pests with low-volume insecticides applied with a low-volume mist sprayer. Journal of Economic Entomology 60:608-610.
- 1132 _____ y _____. 1966. Effect of different hibernation environments on survival and movement of the boll weevil. Journal of Economic Entomology 59:277-279.
- 1133 _____; _____ y AGEE, H.R. 1969. Response of overwintered boll weevils to reflected light, odor, and electromagnetic radiation. Journal of Economic Entomology 62:419-424.

- 1134 TAFT, H.M.; HOPKINS, A.R.; JAMES, W. y MOORE, R.F. 1973. Boll weevils: time of entry into hibernation sites and variations in survival and emergence. (Anthonomus grandis, cotton). Journal of Economic Entomology 66(1): 254-256.
- 1135 _____; _____; JERNIGAN, C.E. y WEBB, J.C. 1969. A new 8-row ground sprayer with auxiliary air for ULV application of pesticides to cotton. Journal of Economic Entomology 62:570-574.
- 1136 _____; _____ y ROACH, S.H. 1972. Suppression of emerging, early-season boll weevils using integrated control. (Anthonomus grandis) Journal of Economic Entomology 65(6):1663-1666.
- 1137 TALMADGE , K.; ALBERSHEIM, P. y EARLE, N.W. 1970. Cotton plant cell wall polysachharide-degrading enzymes of the boll weevil. (Anthonomus grandis). Journal of Economic Entomology 63(5):1712-1714.
- 1138 TALPAZ, H.; CURRY, G.L.; SHARPE, P.J.; DeMICHELLE, D.W. y FRISBIE, R.E. 1978. Optimal pesticide application for controlling the boll weevil on cotton. Am. J. Agric. Econ., Lexington, 60(3):469-475.
- 1139 TAYLOR, C.R. y LACEWELL, R.D. 1977. Boll weevil (Anthonomus grandis) control strategies: regional benefits and costs. South J. Agric. Econ. 9(1): 129-135.
- 1140 TEAGUE, T.G.; CATE, J.R. y PLAPP JUNIOR, F.W. 1983. Toxicity of Azinphosmethyl and methyl parathion to three populations of boll weevil (Anthonomus grandis). The Southwestern Entomologist 8(2): 107-112.
- 1141 TEMPLE JUNIOR, C.; ROBERTS, E.C.; FRYE, J.; STRUCK, R.F.; SHEALY, Y.F.; THOMPSON, A.C.; MINYARD, J.P. y HEDIN, P.A. 1968. Constituents of the cotton bud. XIII. Further studies on a nonpolar feeding stimulant for the boll weevil. Journal of Economic Entomology, Maryland, 61(5): 1388-1393.
- 1142 TERRANOVA, A.C. 1971. An automated procedure for analysis of busulfan in boll weevils and in fortified boll weevil diet. (Anthonomus grandis). Journal of Economic Entomology 64(2):549-550.

- 1143 TERRANOVA, A.C. 1982. Inheritance of esterases in Anthonomus grandis grandis. Annals of the Entomological Society of America 75(3):261-265.
- 1144 _____. 1980. Inheritance patterns of aldehyde oxidase, glutamate-oxaloacetate transaminase and phosphoglucomutase allozymes in the boll weevil (Anthonomus grandis, cotton). Annals of the Entomological Society of America 73(6): 653-657.
- 1145 _____. Polyacrylamide gel electrophoresis of Anthonomus grandis Boheman proteins. Profile of a standard boll weevil strain. United States Department of Agriculture, Science and Education Administration, Agricultural Research Results ARR-S-9, 1981. v + 48 págs.
- 1146 _____. 1969. The residual fate of n.n.n.'-tetramethyl-p-piperidine-phosphonic diamide after injection, tarsal contact, and topical application to the boll weevil (Anthonomus grandis). Journal of Economic Entomology 62(4):821-823.
- 1147 TERRY, P.H.; BORKOVEC, A.B. y McHAFFEY, D.G. 1972. Chemosterilants against the boll weevil. 3. Phosphorus amides. (Anthonomus grandis) Journal of Economic Entomology 65(6):1550-1552.
- 1148 _____. McHAFFEY, D.G. y BORKOVEC, A.B. 1977. Uptake and residues of chemosterilants in boll weevils (Anthonomus grandis) treated by fumigation or dipping. Journal of Economic Entomology 70(4): 427-430.
- 1149 TEXAS A. & M. UNIV. 1976. Detection and management of the boll weevil with pheromone. Texas Agric. Expt. Station. Research Monograph 8, 68 págs.
- 1150 TEXAS AGRICULTURAL EXPERIMENT STATION. Detection and management of the boll weevil (Anthonomus grandis) with pheromone (Cotton). Texas Agric. Expt. Station, Res. Monograph 8, 1976. 68 págs. Map.
- 1151 TEXAS COLLEGE STATION. 1980. Titers of 20-hydroxyecdysone in boll weevil pupae (Anthonomus grandis) The Southwestern Entomologist 5(1): 69-71.

- 1152 THOMAS JUNIOR, C.A. y GODDARD, R.J. 1966. Low-volume concentrated sprays applied by ground equipment for control of the boll weevil. *Journal of Economic Entomology* 59:114-116.
- 1153 _____ y _____. 1965. Low-volume concentrated sprays applied by ground equipment for control of the boll weevil. Knoxville, Agricultural Experiment Station. 3 págs.
- 1154 THOMAS, F.L. et al. 1929. Boll weevil control by airplane dusting. Texas, Texas Agricultural Experiment Station. 40 págs.
- 1155 THOMPSON, A.C.; HENSON, R.D.; GUELDRNER, R.C. y HEDIN, P.A. 1973. Constituents of the boll weevil, Anthonomus grandis Boheman - VIII. Lipids and fatty acids in the subcellular particles of pharate pupae. *Comparative Biochemistry and Physiology* 45(B.1): 233-239.
- 1156 _____ ; _____ ; _____ y _____. 1972. Constituents of the boll weevil, Anthonomus grandis Boheman. III. Lipids and fatty acids of subcellular particles of pupae. *Comparative Biochemistry and Physiology* 43(4B): 883-890.
- 1157 _____ y LEGGETT, J.E. 1978. Variation of lipid, protein and carbohydrate in over-wintered boll weevils, Anthonomus grandis Boheman. *Comparative Biochemistry and Physiology* 60(B.2): 201-203.
- 1158 _____ y McLAUGHLIN, R.E. 1977. Comparison of the lipids and fatty acids of Mattesia grandis and the fat body of the host, Anthonomus grandis. *Journal of Invertebrate Pathology* 30(1):108-109.
- 1159 _____ y MITLIN, N. 1979. Biosynthesis of the sex pheromone of the male boll weevil (Anthonomus grandis) from mono terpene precursors. *Insect Biochemistry* 9(3): 293-294.
- 1160 _____ ; PRATT, J.R.; MINYARD, J.P. y HEDIN, P.A. 1970. Constituents of the cotton bud. XVII. A survey of the lipids and fatty acids of glanded and glandless cotton with respect to nutrition and host-preference of the boll weevil. (Anthonomus grandis). *Journal of Economic Entomology* 63(3):753-756.

- 1161 THOMPSON, A.C. y SCOTT, W.P. 1979. Lipids, protein and carbohydrate in overwintered boll weevils, Anthonomus grandis Boheman, from woods trash. Comparative Biochemistry and Physiology 62(B2):155-157.
- 1162 y SIKOROWSKI, P.P. 1982. Hemolymph analysis of irradiated and Dimilin-treated boll weevils, Anthonomus grandis. Journal of Invertebrate Pathology 39(2):158-163.
- 1163 y . 1978. The effect of bacterial load on amino-acids in the boll weevil, Anthonomus grandis. Journal of Invertebrate Pathology 32(3): 388-389.
- 1164 ; y WYATT, J.M. 1977. The effect of bacterial load on fatty acids in the boll weevil, Anthonomus grandis (Coleoptera: Curculionidae). Journal of Invertebrate Pathology 30(2):274-275.
- 1165 ; WRIGHT, B.J.; HARDEE, D.D.; GUELDRER, R.C. y HEDIN, P.A. 1970. Constituents of the cotton bud. XVI. The attractancy response of the boll weevil to the essential oils of a group of host and non-host plants (Anthonomus grandis). Journal of Economic Entomology 63(3):751-753.
- 1166 TIMMONS, F.D.; BROOK, T.S. y HARRIS, F.A. 1973. Effects of aldicarb applied side-dress to cotton on some arthropods in the Monroe County, Mississippi, boll weevil diapause-control area in 1969. (Anthonomus grandis heliothis). Journal of Economic Entomology 66(1):151-153.
- 1167 TINGLE, F.C.; LANE, H.C.; KING, E.E. y LLOYD, E.P. 1971. Influence of nutrients in the adult diet on diapause in the boll weevil (Anthonomus grandis). Journal of Economic Entomology 64(4): 812-814.
- 1168 y LLOYD, E.P. 1969. Influence of temperature and diet on attainment of firm diapause in the boll weevil. Journal of Economic Entomology 62:596-599.
- 1169 TIPPINS, H.H. et al. 1958. Results of laboratory studies on the toxicity of several insecticides to the boll weevil in Georgia. Tifton, Georgia Agricultural Experiment Station. 11 págs.

- 1170 TREVINO SALINAS, J. 1973. Trabajos cooperativos para el combate del picudo del algodonero Anthonomus grandis Boh. en las zonas de Ojinaga y Ciudad Juarez, Chih. Fitofilo 23 (65): 12-13.
- 1171 TUMLINSON, J.H.; GUELDRNER, R.C.; HARDEE, D.D.; THOMPSON, A.C.; HEDIN, P.A. y MINYARD, J.P. 1971. Identification and synthesis of the four compounds comprising the boll weevil sex attractant. (Anthonomus grandis, pheromones). J.Org.Chem. 36(18): 2616-2621.
- 1172 _____; _____; _____; _____; _____ y _____. The boll weevil sex attractant. (Anthonomus grandis). Academic Press, New York 1970. Pág. 41-59.
- 1173 _____; HARDEE, D.D.; GUELDRNER, R.C.; THOMPSON, A.C.; HEDING, P.A. y MINYARD, J.P. 1969. Sex pheromones produced by male boll weevil: Isolation, identification and synthesis. Science 166: 1010-1012.
- 1174 TYNES, J.S. Cotton insect pest management. 1976. (Heliothis virescens, Anthonomus grandis, Heliothis zea). Louisiana State University and Agricultural and Mechanical College, Cooperative Extension Service Coop. Ext. Pub. N°1829. 1976. 4 págs.
- 1175 URRELLO, R. y CHAMBERS, H. 1978. Synergism of anticholinesterase insecticides by non-insecticidal phosphorus esters in the boll weevil Anthonomus grandis Boheman. Turrialba 28(1): 71-76.
- 1176 U.S.D.A. 1964. Cotton Boll Weevil. Abstracts of Research Publication. 1843-1960. U.S.D.A. Misc. Publication N°985. 194 págs.
- 1177 _____. 1980. Guidelines for the control of insect and mite pests of foods, fibers, feeds ornamental, livestock, household, forests and forest products. U.S.D.A. Agric. Handbook 571. 196 págs.
- 1178 _____. APHIS. Contingency plan for eradication of boll weevil from commercial cotton producing areas of Arizona, California and Northwestern México. Washington, 1983. 5 págs.

- 1179 U.S.D.A. - APHIS 1972. Environmental Statement. Cooperative Boll Weevil Diapause Control Program. APHIS-PPQ, ADM.-72-4, Abril 25.
- 1180 . Environmental Statement for Trial Boll Weevil Eradication Program, Washington, 1976. 296 págs.
- 1181 . 1971. Environmental Statement. Pilot Boll Weevil Eradication Experiment. USDA - APHIS - PPQ, Washington, August 2. 14 págs.
- 1182 . Trial Boll-Weevil Eradication Program. Washington. 64 págs.
- 1183 U.S.D.A., ARS, 1977. 30th annual conference report on Cotton Insect Research and Control. January 10-12, 1977; Atlanta, Georgia(Anthonomus grandis, Heliothis, Pectinophora gossypiella, biological and genetic control, insecticides). Washington. 74 págs.
- 1184 . 1979. Annual Conference Report on cotton-insect research and control, 32th Phoenix, Arizona, 1979. Report. New Orleans, La. USDA, Agricultural Research (Southern Region), Science and Education Administration. 78 págs. Incluye picudo del algodón: págs. 2-3; 6-7; 8-9; 11; 42-43; 63-64.
- 1185 . 1980. Annual Conference Report on cotton-insect research and control, 33, St. Louis, Missouri, 1980. Report. New Orleans, La. USDA, Agricultural Research (Southern Region), Science and Education Administration, 77 págs. Incluye picudo del algodón: págs. 2-3; 6-7; 8-9; 11; 42-43; 63-64.
- 1186 . 1981. Annual Conference Report on cotton-insect research and control, 34th, New Orleans, Louisiana, 1981. Report. New Orleans, La. USDA, Agricultural Research (Southern Region), Science and Education Administration. Incluye picudo del algodón: págs. 2-3; 6-7; 9; 11-12; 44.
- 1187 . 1976. Boll weevil suppression, management, and elimination technology. Proceedings of a Conference, Memphis, Tennessee, 1974. 172 págs.

- 1188 U.S.D.A., ARS. 1975. Curbing boll weevil (Anthonomus grandis) egg hatch (cotton). Agr. Res. 24(5):7.
- 1189 _____. 1974. Nematode parasitizes boll weevil (Mermithidae, Anthonomus grandis, cotton). Agric. Res. 22(8):11.
- 1190 _____. 1975. Super-male boll weevils (Anthonomus grandis), pheromones, cotton). Agric. Res. 24(4):11.
- 1191 U.S.D.A. Bureau of Entomology and Plant Quarantine. 1948. Boll weevil, bollworm, cotton aphid, cotton fleahopper, cotton leafworm, red spider, pink bollworm. Washington, 7 págs.
- 1192 U.S.D.A., FOR. SERV. Proceedings of the eighth annual Northeastern Forest Insect Work Conference. Techniques for research, development, and application; North Haven, Connecticut 1-3 April 1975 (Forest trees, economic crops, biological control, Porthetria dispar, Anthonomus grandis. U.S. Northeastern Forest Experiment Station, Gen.Tech. Rep. 27, 1976. 20 págs.
- 1193 U.S., SENATE DOCUMENT. 1912. The Mexican Cotton Boll Weevil. Washington D.C., Document Nº 305. 188 págs.
- 1194 VAISSAYRE, M. y ALVARADO, M. 1982. Activité insecticide du méthyl-parathion en culture cotonnière en El Salvador. Coton et Fibres Tropicales 37(3): 241-247.
- 1195 VANDERZANT, E.S. 1969. Physical aspects of artificial diets. (Anthonomus grandis). Entomol. Exp. Appl. 12(5): 642-650.
- 1196 _____. 1967. Wheatgerm diets for insects: rearing the boll weevil and the saltmarsh caterpillar. Ann. Entomol. Soc. Am. 60: 1062-1066.

- 1197 VANDERZANT, E.S. y CHREMOS, J.H. 1971. Dietary requirement of the boll weevil for arginine and the effect of arginine analogues on growth and the composition of the body amino acids. (Anthonomus grandis) Entomol. Soc. Amer. Ann. 64(2):480-485.
- 1198 VAVRA, J. y McLAUGHLIN, R.E. 1970. The fine structure of some developmental stages of Mattesia grandis McLaughlin (Sporozoa, Neogregarinida), a parasite of the boll weevil Anthonomus grandis Boheman. J. Protozool. 17(3):483-496.
- 1199 VICKERS, D.H. y MITLIN, N. 1966. Changes in nucleic acid content of the boll weevil, Anthonomus grandis Boheman, during its development. Physiol. Zool. 39:70-76.
- 1200 VILLAVASO, E.J. 1981. Boll weevils (Anthonomus grandis grandis): Fertility and competitiveness of males destined to enter diapause (Cotton). Journal of Economic Entomology 74(1): 116-117.
- 1201 _____. 1978. Boll weevils (Anthonomus grandis): increasing egg hatch and progeny development by the addition of antibiotics to the artificial adult diet. Journal of the Georgia Entomological Society 13(2):173-177.
- 1202 _____. 1982. Boll weevil (Coleoptera:Curculionidae): field competitiveness of diflubenzuron-fed, irradiated males - 1980,1981 (Anthonomus grandis). Journal of Economic Entomology 75(4):662-664.
- 1203 _____. 1982. Boll weevil: isolated field plot studies on disruption of pheromonal communication (Anthonomus grandis). Journal of the Georgia Entomological Society 17(3):347-350.
- 1204 _____. 1976. Dark-scale: a recessive sex-linked mutant of the boll weevil (Anthonomus grandis Boh.). Journal of Heredity 67(2):85-86.
- 1205 _____. 1981. Field competitiveness of sterile male boll weevils released in the boll weevil eradication trial, 1979. Journal of Economic Entomology 74(4):373-375.
- 1206 _____. 1975. Functions of the spermathecal muscle of the boll weevil, Anthonomus grandis. Journal of Insect Physiology 21(6): 1275-1278.

- 1207 VILLAVASO, E.J. 1975. The role of the spermathecal gland of the boll weevil, Anthonomus grandis. Journal of Insect Physiology 21(8):1457-1462.
- 1208 _____ y EARLE, N.W. 1974. Attraction of female boll weevils to diapausing and reproducing males. (Anthonomus grandis, cotton pests). Journal of Economic Entomology 67(2):171-172.
- 1209 _____ y _____. 1976. Competitiveness of busulfan-fed sterile vs. Native male boll weevils (Anthonomus grandis). Environmental Entomology 5(2):279-280.
- 1210 _____ y _____. 1975. Response of Virgin vs. Mated and sterile vs. Fertile female boll weevils (Anthonomus grandis) to male-baited traps. Environmental Entomology 4(4):566-568.
- 1211 _____ ; _____ y HOLLIER, D.D. 1977. Boll weevils (Anthonomus grandis): field and laboratory assessment of mating ability and sperm content after irradiation with or without diflubenzuron treatment. Journal of Economic Entomology 70(5):562-564.
- 1212 _____ ; LLOYD, E.P.; LUE, P.S. y WRIGHT, J.E. 1980. Boll weevils (Anthonomus grandis grandis): competitiveness of sterile males in isolated (cotton) field plots (in Louisiana and in North Carolina, biological control). Journal of Economic Entomology 73(2):213-217.
- 1213 _____ y McGOVERN, W.L. 1981. Boll weevil (Anthonomus grandis): Disruption of pheromonal communication in the laboratory and small (cotton) field plots. Journal of the Georgia Entomological Society 16(3): 306-310.
- 1214 _____ y NILAKHE, S.S. 1979. Field competitiveness of sterile male boll weevils (Anthonomus grandis). Journal of the Georgia Entomological Society 14(2):113-120.
- 1215 _____ y McGOVERN, W.L. 1979. Field competitiveness of sterile male boll weevils. Journal of the Georgia Entomological Society 14:113-120.

- 1216 VILLAVASO, E.J.; WIYGUL, G. y THOMPSON, M.J. 1983. Pheromone production in boll weevils (Coleoptera:Curculionidae) sterilized by three methods (Anthonomus grandis grandis). Journal of Economic Entomology 76(5):1038-1040.
- 1217 VINSON, S.B.; BARFIELD, C.S. y HENSON, R.D. 1977. Oviposition behaviour of Bracon mellitor, a parasitoid of the boll weevil (Anthonomus grandis). II. Associative learning. Physiological Entomology 2(2): 157-164.
- 1218 _____; HENSON R.D. y BARFIELD, C.S. 1976. Ovipositional behaviour of Bracon mellitor Say (Hymenoptera:Braconidae), a parasitoid of boll weevil (Anthonomus grandis Boh.). I. Isolation and identification of a synthetic releaser of ovipositor probing. Journal of Chemical Ecology 2(4):431-440.
- 1219 WADE, L.J. y RUMMEL, D.R. 1978. Boll weevil (Anthonomus grandis) immigration into winter habitat and subsequent spring and summer emergence (Cotton pests). Journal of Economic Entomology 71(2):173-178.
- 1220 WALKER, J.K. Earliness in cotton and escape from the boll weevil (Anthonomus grandis). Texas Agricultural Experiment Station MP 1451, 1980. Pág. 113-123.
- 1221 _____ 1967. Studies in the fall and winter of oviposition prior to diapause in the boll weevil with observations on reversion from diapause to reproduction. Journal of Economic Entomology 60:798-803.
- 1222 _____ 1966. The relationships of the fruiting of the cotton plant and overwintered boll weevils to the F₁ generation. Journal of Economic Entomology 59(2):323-326.
- 1223 _____ y BOTTRELL, D.G. 1970. Infestations of boll weevils in isolated plots of cotton in Texas, 1960-69. (Anthonomus grandis). Journal of Economic Entomology 63(5):1646-1650.

- 1224 WALKER, J.K.; GANNAWAY, J.R. y NILES, G.A. 1977. Age distribution of cotton bolls and damage from the boll weevil (Anthonomus grandis). Journal of Economic Entomology 70(1):5-8.
- 1225 _____; _____. y _____. The age distribution of cotton bolls and damage from different generations of the boll weevil (Anthonomus grandis). Texas Agricultural Experiment Station MP 1254C, 1976. 15 págs.
- 1226 _____ y HANNA, R.L. 1966. Effects of the boll weevil and boll-worm on cotton quality. Journal of Economic Entomology 59(1): 265-266.
- 1227 _____ y HART, E.R. 1979. Boll weevil (Anthonomus grandis) and thrips (Frankliniella spp.) resistance in pilose cotton. The Southwestern Entomologist 4(2):132-140.
- 1228 _____ y NILES, G.A. Population dynamics of the boll weevil and modified cotton types: implications for pest management. (Anthonomus grandis). Texas Agric. Exp. Station Bull. N° 1109, 1971. 14 págs.
- 1229 _____; _____; GANNAWAY, J.R.; BRADSHAW, R.D. y GLODT, R.E. 1976. Narrow row planting of cotton genotypes and boll weevil damage (Anthonomus grandis). Journal of Economic Entomology 69(2): 249-253.
- 1230 WALKER, R.L. et al. 1958. Effectiveness of several insecticides against the boll weevil, bollworm, and cotton leafworm. Journal of Economic Entomology 51(6):783-786.
- 1231 WALLACE, J.W. y MANSELL, R.L. 1976. Biochemical interaction between plants and insects. New York, Academic Press. 425 págs. Incluye: Anthonomus grandis.
- 1232 WANG, Y.; GUTIERREZ, A.P.; OSTER, G. y DAXL, R. 1977. A population model for plant growth and development: coupling cotton-herbivore interaction (Boll weevil, Anthonomus grandis). Can Entomol. 109(10): 1359-1374.

- 1233 WANNAMAKER, W.K. 1957. The effect of plant hairiness of cotton strains on boll weevil attack. *Journal of Economic Entomology* 50(4):418-422.
- 1234 WARD, F.C. 1920. Poison boll weevils. *Athens, Georgia State College of Agriculture*. 12 págs.
- 1235 WARNER, R.E. 1966. Taxonomy of the subspecies of Anthonomus grandis. *Ann. Entomol. Soc. Am.* 59:1073-1088.
- 1236 _____ y SMITH JUNIOR, C.E. 1968. Boll weevil found in precolumbian cotton from Mexico. *Science* 162 (3856):911-912,
- 1237 WATKINS JUNIOR, R.M.; DOUGLAS, A.G. y SCHUSTER, M.F. 1975. Effects of early maturity and an early season insecticide treatment on late season cotton insect control (Anthonomus grandis, Heliothis). *Proc. of the Beltwide Cotton Production Research Conference*. Pág. 94-97.
- 1238 WEAVER JUNIOR, J.B. et al. Influence of various insecticides on yield parameters of two cotton genotypes. *Journal of Economic Entomology* 72(1):119-123.
- 1239 _____ y REDDY, M.S. 1977. Boll weevil (Anthonomus grandis) non-preference, antibiosis, and hatchability studies utilizing cotton lines with multiple nonpreferred characters. *Journal of Economic Entomology* 70(3):283-285.
- 1240 WEBB, J.L. 1942. Cotton or boll weevils. *USDA. Miscellaneous publication* N° 484. 16 págs.
- 1241 WEBSTER, F.X. y SILVERSTEIN, R.M. 1982. Grandisol and lineatin enantiomers (Anthonomus grandis, Pissodes, Trypodendron lineatum) *American Chemical Society Symposium Series* 190:87-106.
- 1242 WEBRHahn, C.F.y KLASSEN, W. 1971. Genetic insect control methods involving the release of relatively few laboratory-reared insects. *Can. Entomol.* 103:1387-1396.

- 1243 WENDEL, L.E. y BULL, D.L. 1970. Systemic activity and metabolism of dimethyl p-(methylthio)phenyl phosphate in cotton.(Insecticides Anthonomus grandis, plant biochemistry). J. Agr. Food Chem. 18(3): 420-424.
- 1244 WESSLING, W.H. 1958. Genotypic reactions to boll weevil attack in upland cotton. Journal of Economic Entomology 51(4):508-512.
- 1245 _____. 1958. Resistance to boll weevil in mixed populations of resistant and susceptible cotton plants. Journal of Economic Entomology 51(4):502-506.
- 1246 WHARTON, R.A. 1983. New species of Illidops and Bracon(Hymenoptera: Braconidae) of potential use in biological control. Canadian Entomologist 115(6):667-672.
- 1247 WHITCOMB, W.H. 1970. History of integrated control as practiced in the cottonfields of the South-Central United States. Tall Timbers Conf. Ecol. Anim. Contr. Habitat. Manage. Tallahassee, Fl. Feb. 26-28. 2:147-155.
- 1248 _____. 1951. Que puede hacer el agricultor para combatir el pi-cudo del algodón. La Vida Rural 12(4): 21-23.
- 1249 _____. y BELL, K. 1964. Predaceous insects, spiders and mites of Arkansas cottonfields. Ark. Agric. Expt. Sta. Bull. N°690: 8-9.
- 1250 WHITE, J.R. y RUMMEL, D.R. 1978. Emergence profile of overwintered boll weevils (Anthonomus grandis) and entry into cotton. Environmental Entomology 7(1):7-14.
- 1251 _____. y WADE, L.J. 1977. A new concept in boll weevil (Anthonomus grandis) pheromone trap design. Southwest Entomology 2(1):37-41.
- 1252 WHITTEN, C.J. y BULL, D.L. 1978. In vivo effect of a juvenile hormone analogue on the nonspecific esterases of the boll weevil (Anthonomus grandis). Southwest Entomol. 3(3):226-231.

- 1253 WILLIAMS, I.W. 1917. How to grow cotton in spite of the boll weevil. Atlanta. Georgia State Board of Entomology. Bulletin Nº 47. 48 págs.
- 1254 WILSON, C.A. y SIMMONS, C.L. 1972. Results, honey bee, monitoring South Mississippi boll weevil eradication experiment. Mimeographed report. 1 págs.
- 1255 WISE, D.; WRIGHT, J.E. y McCOY, J.R. 1982. Meiotic chromosomes of the boll weevil (Anthonomus grandis). The Journal of Heredity 73(3): 234-236.
- 1256 WITZ, J.A. et al. 1981. Effect of infiel trap spacing on potential catch of adult boll weevils entering cotton: a computer simulation. Environmental Entomology 10(4):454-457.
- 1257 WIYGUL, G. y HAYNES, J.W. 1974. A locomotor test for the prediction of sterility in boll weevils. (Anthonomus grandis). Entomol. Exp. Appl. 17(3):452-453.
- 1258 _____; McGOWN, M.W.; SIKOROWSKI, P.P. y WRIGHT, J.E. 1982. Localization of pheromone in male boll weevils Anthonomus grandis. Entomologia Experimentalis et Applicata 31(3):330-331.
- 1259 _____ y MITLIN, N. 1976. Oxigen uptake in male and female boll weevils, Anthonomus grandis Boheman (Coleoptera: Curculionidae) of the ebony strain fed a laboratory diet. Comparative Biochemistry and Physiology 54(A2): 249-251.
- 1260 _____ y _____. 1977. Oxygen uptake in male and female boll weevils, Anthonomus grandis Boheman (Coleoptera:Curculionidae) of the ebony strain fed cotton squares (buds). Comparative Biochemistry and Physiology 56(A3): 395-397.
- 1261 _____; _____. LOVE, J.N. y LUSK, G.J. 1970. The absorption and metabolism of glycine-U-³⁴C in the irradiated and normal boll weevil, Anthonomus grandis Boheman. Comparative Biochemistry and Physiology 33:475-480.

- 1262 WIYGUL, G.; MITLIN, N. y THOMPSON, A.C. 1971. Metabolism of busulfan in the boll weevil (Anthonomus grandis Boheman). Pesticide Biochemistry and Physiology 1(3/4): 418-423.
- 1263 _____; _____; THOMPSON, A.C. y LINDIG, O.H. 1974. Free amino acid levels in the boll weevil (Coleoptera:Curculionidae): The effect of five different diets (Anthonomus grandis). Comparative Biochemistry and Physiology 49(4B):663-667.
- 1264 _____ y SIKOROWSKI, P.P. 1981. The effect of various levels of contamination by two species of bacterial (Staphylococcus aureus and Streptococcus sp.) on Oxygen uptake of the boll weevil (Anthonomus grandis). Comparative Biochemistry and Physiology 68(3):527-530.
- 1265 WOLFENBARGER, D.A. 1977. Boll weevil, bollworm, and tobacco budworm (Anthonomus grandis, Heliothis zea, Heliothis virescens) and fruiting structures of the cotton plant: number of plants that must be sampled at different square populations and percentage damaged. Journal of Economic Entomology 70(6):791-793.
- 1266 _____ y DAVIS, J.W. 1978. Chemical termination: use for suppression of boll weevil (Anthonomus grandis) populations in cotton. Folia Entomologica Mexicana 39/40: 66.
- 1267 _____ y _____. 1976. Termination of cotton plants with chemicals and the effect on populations of boll weevils(Anthonomus grandis) and tobacco budworms (Heliothis virescens). Proceedings of the Beltwide Cotton Production Research Conference, pág. 46-48.
- 1268 _____ y DILDAY, R.H. 1979. Boll weevil (Anthonomus grandis): relationship of predicted vs. observed peaks of populations to squaring rates of two cotton cultivars (in the Lower Rio Grande Valley of Texas). Environmental Entomology 8(3):506-511.
- 1269 _____; GRAHAM, H.M.; NOSKY, J.B. y LINDIG, O.H. 1982. Boll weevil (Coleoptera:Curculionidae): marking with rubidium chloride sprays on cotton and dispersal from cotton (Anthonomus grandis). Journal of Economic Entomology 75(6):1038-1041.

1270. WOLFENBARGER, D.A.; GRAHAM, H.M.; PARKER, R.D. y DAVIS, J.W. 1976. Boll weevil (Anthonomus grandis); seasonal patterns of response to traps baited with grandlure in the lower Rio Grande Valley. Environmental Entomology 5(3):403-408.
1271. _____; _____; _____ y _____. 1976. Seasonal patterns of boll weevil (Anthonomus grandis) response to traps baited with grandlure in the Lower Rio Grande Valley (Cotton). Texas Agricultural Experiment Station. Res. Monogr. 8:20-25.
1272. _____; GUERRA, A.A. y GARCIA, R.D. 1977. Diflubenzuron:effect on the tobacco budworm (Heliothis virescens) and the boll weevil (Anthonomus grandis). Journal of Economic Entomology 70(1):126-128.
1273. _____ y HARDING, J.A. 1977. Activity of 0-ethyl S-propyl organophosphorus compounds against tobacco budworm (Heliothis virescens) and boll weevils (Anthonomus grandis). Journal of Economic Entomology 70(1):92-94.
1274. _____ y _____. 1982. Effects of pyrethroid insecticides on certain insects associated with cotton. Southwestern Entomologist 7(4):202-211.
1275. _____; _____ y DAVIS, J.W. 1977. Isomers of (3-phenoxyphenyl) methyl (plus/minus)-cis,trans-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate against boll weevils (Anthonomus grandis) and tobacco budworms (Heliothis virescens, cotton). Journal of Economic Entomology 70(2):226-228.
1276. _____; McGAN, R.L.; LONGORIA, R.R.y NOSKY, J.B. 1970. Toxicity of EPN, Accothion, and certain chlorinated hydrocarbons to certain cotton insects. Journal of Economic Entomology 63:1568-1573.
1277. WOLLENBERG, R.H. y PERIES, R. 1979. Efficient syntheses of insect sex pheromones emitted by the boll weevil (Anthonomus grandis) and the red bollworm moth (Disparopsis castanea). Tetrahedron letters (4):297-300.

- 1278 WRIGHT, J.E. y HAYNES, J.W. 1979. Boll weevil (Anthonomus grandis) grandis; mating ability, sterility and survival of irradiated and fumigated adults of different ages. The Southwestern Entomologist 4 (1): 53-58.
- 1279 _____; McCOY, J.; LINDIG, O.; WINGUL, G. y LLOYD, E.P. Laboratory evaluation of sterile boll weevils (Coleoptera: Curculionidae) in the eradication trial in North Carolina (Anthonomus grandis), cotton pests, control). Mississippi Agricultural and Forestry Experiment Station. Technical Bulletin 115, 1983. 5 págs.
- 1280 _____; McCOY, J.R.; DAWSON, J.R.: ROBERSON, J. y SIKOROWSKI, P.P. 1980. Boll Weevil (Anthonomus grandis) sterility; effects of different combinations of diflubenzuron, antibiotics, fumigation and irradiation. The Southwestern Entomologist 5(2): 84-89.
- 1281 _____; MOORE, R.; McCOY, J.; WIYGUL, G. y HAYNES, J. 1980. Comparison of three sterilization procedures on the quality of the male boll weevil (Anthonomus grandis grandis). Journal of Economic Entomology 73 (4): 493-496.
- 1282 _____ y ROBERSON, J. 1981. Laboratory evaluation of a method of sterilizing the boll weevil (Anthonomus grandis grandis). Journal of Economic Entomology 74 (6): 696-697.
- 1283 _____; _____ y DAWSON, J.R. 1980. Boll weevil (Anthonomus grandis grandis) effects of diflubenzuron on sperm transfer, mortality, and sterility (Cotton). Journal of Economic Entomology 73 (6): 803-805.
- 1284 _____ y VILLAVASO, E.J. Boll weevil sterility (Anthonomus grandis cotton pest control). United States Department of Agriculture, Agriculture Handbook N°589. 1983. Pág. 153-177.

- 1285 YAMAMOTO I.; OHSAWA, K. y PLAPP JUNIOR, F.W. 1977. Effect of the inclusion compounds of pyrethroids and methyl parathion on certain cotton insects (Anthonomus grandis, Heliothis virescens, Campoletis sonorensis). *J. Pestic. Science* 2(1): 41-49.
- 1286 YOUNG JUNIOR, D.F. 1976. Activities of the Mississippi Cooperative Extension Service in the Pilot Boll Weevil(Anthonomus grandis) Eradication Experiment, 1971-1973 (Cotton). *ARS-S/U.S. Agric. Res. Serv. South Region* 71:70-72.
- 1287 YOUNG, J.H.; PINKSTON, K.; PRICE, R.G. y COAKLEY, J. Sequential sampling of the boll weevil (Anthonomus grandis) in Oklahoma (Cotton). Oklahoma State University, Cooperative Extension Service, OSU Ext. Facts. 7172, 1977. 2 págs.
- 1288 YOUNG, M.T. 1935. Boll weevil control with calcium arsenate on field plots in Madison Parish, La. from 1920 to 1934. USDA Technical Bulletin Nº 487. 24 págs.
- 1289 _____ et al. 1950. Tests of insecticides to control boll weevil cotton aphid, and two-spotted mite. *Journal of Economic Entomology*, Maryland, 43(5):727-731.

II DIRECTORIO

- 1291 ARKANSAS UNIVERSITY
Department of Entomology
Fayetteville
AR 72701
USA
- 1292 AUBURN UNIVERSITY
Department of Zoology-Entomology
Alabama
USA
- 1293 CALIFORNIA UNIVERSITY
Division of Biological Control
Berkeley,
USA
- 1294 CAMPO AGRICOLA EXPERIMENTAL DE IGUALA
Guerrero
México
- 1295 CENTRO AGRONÓMICO TROPICAL DE INVESTIGACION Y ENSEÑANZA -CATIE-
Turrialba, Costa Rica
Tel: 56-6431 y 56-0122
Cable: CATIE (Turrialba, Costa Rica)
- 1296 CLEMSON UNIVERSITY
Department of Entomology
Plant Pest Regulatory Services
c/o Dr. H.B.Jackson
South Carolina 29631
USA
- 1297 ESTACION EXPERIMENTAL EL CUJI
Sección Entomología
Barquisimeto, Lara
Venezuela
- 1298 LOUISIANA STATE UNIVERSITY
Department of Entomology
Department of Zoology and Physiology
Baton Rouge, LA 70803
USA

1299 MEMPHIS STATE UNIVERSITY
Department of Biology
Tennessee 38152
USA

1300 MISSISSIPPI COOPERATIVE EXTENSION SERVICE
c/o Dr. G.L.Andrews
Dr. R.W.Seward
Batesville, MS 38606

c/o Dr. J.L.Hamer
Dr. R.B.Head
Dr. D.F.Young Jr.
Mississippi State, MS 39762
USA

1301 MISSISSIPPI STATE UNIVERSITY
Mississippi Agricultural and Forestry Experiment Station
Department of Agricultural Economic
c/o Dr. D.W.Parvin Jr.,
Dr. E.M.Simpson III

Department of Agricultural and Biological Engineering
c/o Dr. L.W. McClendon

Department of Biochemistry

Department of Entomology
c/o Dr. P.P.Sikorowski

Department of Industrial Engineering
c/o Dr. L.G.Brown

Mitchell Memory Library
State College
Mississippi 39762
USA

1302 NATIONAL COTTON COUNCIL OF AMERICA
Memphis
Tennessee 38152
USA

1303 NORTH ALABAMA UNIVERSITY
Department of Biology
Florence, Al. 35630
USA

- 1304 NORTH CAROLINA STATE UNIVERSITY
Department of Economic and Business
c/o Dr. G.A.Carlson
Dr. I.F.Sugiyama
Raleigh, NC 27650
USA
- 1305 SOUTHWESTERN ENTOMOLOGICAL SOCIETY
Texas Agricultural Experiment Station
Department of Entomology
College Station
Texas 77843
USA
- 1306 TENNESSEE UNIVERSITY
Department of Entomology and Plant Pathology
Agricultural Experiment Station
Knoxville, TN 37901
USA
- 1307 TEXAS A & M UNIVERSITY
Agricultural Experiment Station
P.O.Box 10607
Corpus Christi
Tx 78410
USA

Agricultural Experiment Station
Department of Entomology
College Station, Tx 77843
USA
- INTEGRATED PEST MANAGEMENT COORDINATOR
c/o Dr. R.E.Frisbie
College Station, Tx 77843
USA
- 1308 UNITED STATES DEPARTMENT OF AGRICULTURE
Agriculture Research Service
c/o Dr. E.E.Knipling
Beltsville, MD 20705
USA

- 1309 UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service
Bioenvironmental Insect Control Laboratory
c/o Dr. C.R. Parencia Jr.
 Dr. T.R. Pfrimmer
 Dr. W.P. Scott
 Dr. J.W. Smith
Stoneville, MS 38776
USA
- 1310 UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service
Biologically Active Natural Products Laboratory
Beltsville, Maryland 20705
USA
- 1311 UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service
Boll Weevil Eradication Research
c/o Dr. W.A. Dickerson
 Dr. E.P. Lloyd
 Dr. G.H. McKibben
Raleigh, NC 27607
USA
- 1312 UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service
Boll Weevil Policy Group
Executive Coordinator
c/o Dr. K.R. Keller
Raleigh, NC 27650
USA
- 1313 UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service
Boll Weevil Research Laboratory
c/o Dr. W.H. Gross
 Dr. J.G. Griffin
 Dr. O.H. Lindig
 Dr. E.J. Villavaso
 Dr. J.E. Wright
P.O.Box 5367
State College
Mississippi 39762
USA

1314 UNITED STATES DEPARTMENT OF AGRICULTURE
Agriculture Research Service
Cotton Insects Physiology Laboratory
Baton Rouge
Louisiana 70808
USA

1315 UNITED STATES DEPARTMENT OF AGRICULTURE
Agriculture Research Service
Cotton Insects Research
c/o Dr. J.R. Ables
Dr. D.L. Bull
Brownsville, Texas 78520
USA

1316 UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service
Cotton Insects Research Laboratory
Florence
P.O.Box 2131
South Carolina 29503
USA

1317 UNITED STATES DEPARTMENT OF AGRICULTURE
Agriculture Research Service
Cotton Production Research Laboratory
c/o Dr. A.R. Hopkins
Dr. J.E. Leggett
Florence, SC. 29503
USA

1318 UNITED STATES DEPARTMENT OF AGRICULTURE
Agriculture Research Service
Crop Science and Engineering Research Laboratory
c/o Dr. J.N. Jenkins
Mississippi State, MS. 39762
USA

1319 UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service
Entomology Research Division
4115 Gourrier Avenue
Baton Rouge
Louisiana 70808
11cA

1320 UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service
Entomology Research Division
Florence
South Carolina 29501
USA

1321 UNITED STATES DEPARTMENT OF AGRICULTURE
Agriculture Research Service
Metabolism and Radiation Research Laboratory
FARGO
North Dakota 58102
USA

1322 UNITED STATES DEPARTMENT OF AGRICULTURE
Agriculture Research Service
National Program Staff
c/o Dr. P.A. Miller
Dr. R.L. Ridgway
Dr. P.H. Schwartz
Beltsville, Md 20705
USA

1323 UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service
Pest Control Equipment and Methods Research
c/o Dr. H.W. Hartstack
Dr. J.A. Wits
Dr. J.L. Goodenough
College Station, Tx 77843
Texas, USA

1324 UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service
Plant Science Research Division
State College
Mississippi 39762
USA

1325 UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service
Soil and Water Conservation Research
Laboratory
c/o Dr. M.D. Heilman
Dr. L.N. Namken
Weslaco, Tx 78596

- 1326 UNITED STATES AGRICULTURAL DEPARTMENT
Agricultural Research Service
Systematic Entomology Laboratory
Agricultural Research Center
Beltsville, Maryland 20705
USA
- 1327 UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service
Western Cotton Insects Laboratory
c/o Dr. M.R. Bell
Phoenix, 85040
USA
- 1328 UNITED STATES DEPARTMENT OF AGRICULTURE
Economic Research Service
c/o Dr. F.T. Cooke Jr.,
Stoneville, MS. 38776
- 1329 UNIVERSIDAD CENTRAL DE VENEZUELA
Facultad de Agronomía
Departamento e Instituto de Zoología Agrícola
Maracay
Venezuela
- 1330 UNIVERSIDAD NACIONAL AGRARIA DE LA SELVA
Apartado 156
Tingo María
Perú
- 1331 UNIVERSITY OF ARKANSAS
Entomology Department
c/o Dr. J.R. Phillips
Fayetteville, AR 72701
USA
- 1332 UNIVERSITY OF FLORIDA
Department of Agricultural Engineering
c/o Dr. J.W. Jones
Gainesville, Fl. 32611
USA

1338 UNIVERSITY OF GEORGIA
Entomology Department
c/o Dr. W.R.A. Lambert
Tifton, GA 31794
USA

III. INDICE DE AUTORES

- ABDUL MATIN, A.S.M.: 1
ABLES, J.R.: 2-4, 125, 567, 1315
ADAIR, H.M.: 5
ADAMS, C.H: 6-7, 813
ADAMS, C.T.: 21
ADKISSON, P.L.: 8-9, 97, 195-196, 825, 919-920, 1037-1038, 1041, 1112-1117.
AGEE, H.R.: 10-12, 559, 1016, 1127, 1133
AGNEW, C.W.: 13
AHMAD, M.: 14
ALCALA, M.J.: 267
ALMAND, L.K.: 90-92
ALVARADO, M.: 1194-1195
AMBROSI, D.: 16
ANDERSON, D.M.: 17, 980
ANDERSON, D.L.: 18
ANDERSON, L.L.: 894
ANDERSON, R.E: 1067
ANDRAWES, N.R.: 19
ANDREWS, G.L.: 20, 451, 1300
APPERSON, C.S.: 21
ARGUETA R. A.: 1073
ARLE, H.F.: 636-637
ARMSTRONG, A.A.: 22
ARNOLD, D.M.: 92
ARTHUR, B.W. 150
ASHDOWN, D.: 573-575, 577
ATKINS JR., E.L.: 18
AUDANT, A.: 23
BACHELER, J.S.: 24-25, 624, 1120
BACHMANN, F.: 291

- BAETCKE, K.P.: 618
BAGGA, H.S.: 26
BAILEY, J.G.: 27-30
BAKER, D.N.: 31-32, 485
BALLARD, W.W.: 3
BANCROFT, H.R.: 34-35, 71-73
BARBOSA, J.F.: 36
BARBOSA, S.: 37-38
BARFIELD, C.S.: 39-40, 281, 544, 1217-1218
BARIOLA, L.A.: 41-44, 210, 637, 1006
BARNERS, G: 687
BARRIGA, A., E.E.: 46
BARTLETT, A.C.: 47-54, 767
BASU, A.K.: 70
BEAL, F.E.I.: 55
BECKHAM, C.M.: 56-60
BEDOUKIAN, R.H.: 61
BEE, M.J.: 3
BELL, M.R.: 63, 814-818, 920, 1327
BEINGOLEA, G.O. 62
BELL, K.: 1249
BELL, M.R.: 63-64
BENEDICT, J.H.: 65
BENNET, A.F.: 296, 660-661
BENNET, S.E.: 108
BERGER, E.W.: 66
BERGMAN, D.: 42
BETZ, N.L.: 67-69, 922-923
BHAT, M.G.: 70
BIBOW, W.R.: 327
BIGGERS, C.J.: 71-72
BILLINGSLEY, R.V.: 652-654
BIRD, T.G.: 73
BIRD, L.S.: 74, 990

BLACK, J.H.: 75
BLACK, C.T.: 76
BODEGAS V.R.: 77-78, 213, 331
BONDY, F.F.: 82
BONHAM, C.D.: 83, 163, 347-349, 354
BORING, E.P.: 1086
BORKOVEC, A.B.: 84-87, 126, 282, 495, 786, 1147-1148
BOTTRELL, D.G.: 39-40, 88-99, 209, 634, 652, 654, 171, 882-883, 1039-1041, 1223
BOURLAND, F.M.: 74
BOWEN, H....: 25, 623-624
BOWMAN, D.: 146
BOYD, F.J.: 100-101, 365-366, 461
BOYD JR. F.J.: 102-103
BOYER, W.P.: 687
BRADLEY JR., J.R.: 24-25, 104-105, 365-366, 623
BRADSHAW, R.D.: 1229
BRADY JR., U.E.: 106
BRAMBLETT, J.: 107
BRAND, J.: 146
BRASHER, C.: 108
BRAZZEL, J.R.: 5, 102-103, 109-114, 365, 367-368, 663, 752, 758, 933
BROOK, T.S.: 1166
BROOME J.R.: 148
BROWN, J.M.: 115
BROWN, L.G.: 116, 1301
BROWN, M.A.: 860
BROWN, R.T.: 852-853, 952-953
BRUCE, D.L.: 98
BRUER, H.L.: 117
BRYAN, J.M.: 249, 252
BRYSON, J.G.: 1059
BUFORD, W.T.: 118-119, 757, 965
BUIE, T.S.: 664
BULL, D.L.: 2, 4, 120-134, 209, 350, 539, 567, 1008, 1121, 1243, 1252, 1315

BUMGARNER, J.E.: 135, 660
BURGESS, E.P.: 136
BURKE, H.R.: 14, 137-140, 231, 239, 308-309
BURKS, M.L.: 296, 306, 308-309, 924-925
BURT, E.C.: 141-144, 486-487, 725, 738, 1089
BURTON, R.L.: 145
BUSDICKER, H.B.: 608
BUSH, D.L.: 74
BUTLER, L.I.: 608
BUTLER JR., F.D.: 1120
CALCAGNOLO, G.: 170
CALDWELL, W.D.: 146
CALHOUN, B.W.: 431
CALHOUM, S.L.: 147
CALLAHAM, M.F.: 148-149
CAMP, A.F.: 929
CAMP, H.B.: 150
CAMPBELL, L.S.: 151
CANERDAY, T.D.: 152-153
CANNON, C.E.: 1067
CANTU, E.: 154-155
CARDONA, C.: 156-157
CARDWELL, D.L.: 917, 1125
CARGILL, R.L.: 158
CARILLO, U.E.: 159
CARLSON, G.A.: 160, 1304
CARLTON, J.B.: 161-162
CARRANZA, R.L.: 163, 319
CARROLL, S.C.: 1042, 1048-1050
CARTER, F.L.: 164-165
CARVALHO, R.P.L.: 166
CASEY, J.E.: 653
CASSIDY, T.P.: 182-183
CATE, J.R.: 167-169, 240, 1140

CAVALERI, P.A.: 170
CAWLEY, B.M.: 333
CEBALLOS, E.: 171
CLARK, W.E.: 140
CLEVELAND, T.C.: 172-174, 462, 817
CLOWER, D.: 980
CLOWER, D.F.: 104, 175, 390, 1032, 1098, 1101
CLOWER, D.R.: 146
COAD, B.R.: 176-186, 582-583, 610
COAKLEY, J.M.: 187-188, 1288
COAKLEY, T.P.: 189
COBB, P.P.: 190
COLER, R.R.: 191-192
COLE, C.L.: 193-196, 350-351
COLLINS, H.L.: 197
COLMENARES, M.J.: 198
COLWICK, R.F.: 626
CONNELL, J.M.: 250
CONNER, A.B.: 205
COOK, O.F.: 208
COOKE, F.T.: 1328
COPPEDGE, J.R.: 44, 127-128, 209-212, 472, 698, 1007, 1121-1122
CORBIN, F.T.: 105
COSS, F., M.E. de: 77-78, 213, 331
COVINGTON, B.M.: 839-842
COWAN JR., C.B.: 214-219, 209-210, 272, 275, 698, 700, 962
CRISFIELD, G.F.: 833
CROSS, W.H.: 6-7, 220-237, 253, 268, 462-466, 470, 612-614, 616, 669-672,
776-778, 780-784, 800, 828, 850, 856, 863-864, 1011, 1094, 1313.
CRUZ, V.R.da: 968
CRYSTAL, M.M.: 592-593
CUDA, J.P.: 239
CURL, L.F.: 351
CURRY, G.L.: 168, 240, 281, 1136

CUSHMAN, R.A.: 241, 987
CHAMBERS, H.W.: 584, 618, 948-949, 1175
CHANG, Y.Y.H.: 242-247
CHAPMAN, A.J.: 772
CHERRY, E.T.: 248-252, 657-658, 1068
CHESNUT, T.L.: 225, 253
CHIANG, H.C.: 254
CHILDRESS, D.: 371-372, 396, 950
CHISHOLM, W.C.: 255
CHREMONS, J.H.: 1197
DAKES, S.N.: 1026
DAMESHEK, W.: 256
DANTAS, G.: 257
DAUM, R.J.: 258-260, 796, 817-818
DAVICH, T.B.: 1, 113, 174, 258-260, 261-270, 376, 464, 469, 494, 496,
502-504, 615, 628-630, 731, 735, 737-738, 761, 779, 787, 792,
794-796, 798-799, 803, 856, 860-861, 1059
DAVIS, B.D.: 271
DAVIS, J.W.: 216-219, 272-276, 462, 477, 700, 1266-1267, 1270-1271, 1275
DAVIS, R.L.: 384-386
DAWSON, E.M.: 865
DAWSON, J.R.: 495-497, 502-503, 505, 697, 1280, 1284
DAXL, R.: 277, 445-446, 1232
DEAN, D.A.: 325, 1118
DEAN, G.: 279, 687-688
DEAN, P.: 278
DEBORD, D.: 280
DEMichele D.W.: 281, 1138
DEMILO, A.B.: 282-284, 953
DIAL, P.F.: 661
DIAZ B., F.A.: 286
DIAZ, F.: 287
DICKERSON, W.A.: 288, 801, 1311

DIETRICH, W.H.: 289
DILDAY, R.H.: 1268
DILLIER, J.H.: 368
DOMINGUEZ R., Y: 290
DOROUGH, H.W.: 19
DOUGLAS, A.G.: 1237
DOWELL, G.C.: 687
DRABEK, J.: 291
DUNN, H.A.: 292
DUNNAM, E.W.: 323-324
EARLE, N.: 328, 743
EARLY, N.W.: 293-309, 941-945, 1208-1211
EARNHEART, A.T.: 605
EATON, J.: 328-329, 372
EDEN, W.G.: 254, 310-311
EDNER, O.G.: 1104
ENFIELD, F.D.: 312-315
EDWARDS, R.R.: 103, 799
ELDER, H.W.: 12
ERICKSON, R.: 312-313
ERNST, N.R.: 307-661
ETZEL, L.D.: 320
EVERETT, T.R.: 316-317
EVES, J.D.: 608
ERVING, K.P.: 318
EYE, R.E.: 319
FAIRBROTHER, G.L.: 683
FALCON, L.A.: 320, 445-446
FELTNER, R.L.: 322
FENTON, F.A.: 323-324
FERGUSON, J.R.: 661
FERRIS, C.F.: 320
FILLMAN, D.A.: 325
FISCHER JR., P.: 326

FLINT, H.M.: 327-330, 787, 1012
FLORES G., R.: 77-78, 213, 331
FLYNN JR, C.W.: 332
FONS, J.: 333
FORSYTH, W.R.: 608-683
FOWDEN, G.M.: 335
FRAZIER, J.L.: 35, 242-243, 885
FRISBIE, R.E.: 336, 653, 1138, 1307
FRYE, J.: 1124, 1141
FRYXELL, P.A.: 231, 338-340
FUENTES V., M.S.: 46
FUKUTO, T.R.: 1005
FURR, R.E.: 341, 971, 977
FYE, R.E.: 83, 342, 357, 673
FYE, R.L.: 283
GAINES, R.C.: 185, 358, 363
GAMBDA, L.P. 364
GANNAWAY, J.R.: 1224-1225, 1229
GANYARD, M.C.: 365-369, 799
GARCIA, R.D.: 437-440, 1272
GARCIA C., I.: 701
GARD, I.E.: 370
GARST, D.M.: 690
GASSNER, G.: 371-372
GAST, R.T.: 258-259, 270, 373-377, 736, 871
GEORGE, D.M.: 65
GIERSCH, W.: 448
GILLILAND JR, F.R.: 379-387, 707
GILREATH, M.E.: 609
GODDARD, R.J.: 252
GONCALVES, L.I.: 681-682
GONCALVEZ, A.M.R.: 1099
GLASS, E.M.: 254
GLICK, B.: 388
GLICK, P.A.: 389

GLOVER JR., D.: 307, 390, 595
GODDARD, R.J.: 1152-1153
GOMES, N.M.S.: 391
GOMEZ LOPEZ, V.: 392
GOODENUGH, J.L.: 1323
GOODIN, P.L.: 393
GORZYCKI, L.J.: 1009
GRAHAM, H.M.: 394-395, 1269-1271
GRAINVILLE, H.B.: 256
GRASSNER, G.: 396
GRAVES, J.B.: 105, 175, 1098
GRAVES, T.M.: 128, 468
GREEN, H.W.: 397
GREENBERG, D.: 330
GRIFFIN, J.G.: 398-422, 480, 1313
GRODNER, M.L.: 423-425
GROSSMAM, E.F.: 426-431, 929
GRUMBACH, M.M.: 650
GUELDRER, R.C.: 134, 432-436, 453-454, 468, 470, 517-520, 524-525, 527-531,
 540-543, 782, 794-795, 834, 1155-1156, 1165, 1171-1173
GUERRA, A.A.: 437-440, 1272
GUICE JR, O.T.: 441
GUILBAULT, G.G.: 442
GURROLA, L.G.: 443
GUTIERREZ, A.P.: 444-447, 1232
GUTIERREZ, F.: 287
GUTMANN, A.: 448
GUZMAN, M.A.: 449
HACSKAYLO, J.: 269
HAMER, J.L.: 197, 451, 1300
HAMMAN, P.J.: 452
HAMMOND, A.M.: 886
HAMNER, A.L.: 752
HANNY, B.W.: 453-454
HARDEE, D.D.: 50, 99, 127-128, 134, 162, 227-230, 236-237, 267, 270, 435,
 455-475, 519, 732, 762, 779, 794-795, 834, 847-851, 856, 980,

HARDING, J.A.: 274, 276, 476-478, 1273-1275,
HARE, W.W.: 483
HARP, S.J.: 479
HARRELL, E.A.: 480-483, 1100
HARRIS, A: 980
HARRIS, F.A.: 484-489, 1166
HARRIS, L.D.: 113
HARRIS, W.: 776
HART, E.R.: 1227
HARTSTACK JR, A.W.: 552, 705, 726-728, 1323
HARWALKER, M.R.: 490
HAYNES, D.L.: 254
HAYNES, J.W.: 244, 283, 491-513, 490, 724, 781, 787, 803, 852, 879, 1257, 1278-1279,
1281
HAYS, S.B.: 1128
HEAD, R.B.: 451, 514, 1300
HEDIN, P.A.: 433, 435, 453-454, 515-532, 540-543, 695, 732, 794-796, 802, 834,
867, 870, 872, 908, 1124, 1141, 115-1156, 1160, 1165, 1171-1173
HEILMAN, M.D.: 533, 912, 1325
HEIGER, R.F.: 616, 861
HEITZ, J.R.: 148, 243
HELMS, D.: 534-535
HELMES, W.F.: 103
HENDRICKS, A.G.: 536
HENNEBERRY, T.J.: 537
HENSON, J.L.: 946, 1155-1156
HENSON, R.D.: 517, 530, 538-544, 568, 1212-1218
HERNANDEZ JR, N.B.: 394-395
HERZOG, D.C.: 573
HILL, R.: 268
HILLS, T.M.: 574-575
HIMEL, C.M.: 545-547
HINDS, W.E.: 548-549
HOBBS, P.D.: 550

HOLLIER, D.D.: 1211
HOLLINGSWORTH, J.P.: 551, 595, 705, 1008
HOOD, L.E.: 987
HOOKER, P.A.: 50
HOPKINS, A.R.: 355, 553-566, 853, 894, 1019-1021, 1128-1136, 1317
HOUSE, V.S.: 2, 4, 127, 129, 132, 209, 567-, 569, 699
HOWARD, L.A.: 570
HOWARD, D.J.: 571
HOWE, R.W.: 572
HUDDLESTON, P.M.: 229, 268, 270, 464, 466, 471-473, 475, 573-578, 616, 628, 850
 852, 854-855
HUDSPETH, W.N.: 579
HUFFMAN, F.R.: 477
HUNKAPILLER, P : 370
HUNTER, W.D.: 580-583
HUREJ, M.: 584
HURST, G.A.: 489
HURST, G.H.: 651
INGRAM, W.R.: 588
IVI, E.E.: 318
IVIE, G.W.: 130-131, 539
JACKSON, D.S.: 608
JACKSON, H.B.: 1296
JACOBSON, M.: 589-594
JAMES, P.E.: 595
JAMES, W.: 554, 560-564, 566, 853, 1134
JANY, W.C.: 596-597
JARA, P.: 364
JENKINS, J.N.: 27-30, 188, 335, 579, 598-605, 628-629, 656, 756-757, 759-761
 912, 965-967, 1318
JERNIGAN, C.E.: 564, 1135
JERNIGAN, J.E.: 606
JIMENEZ, N.C.: 607
JOHANSEN, C.A.: 608

JOHNSON, D.R.: 609
JOHNSON, E.: 610
JOHNSON, W.L.: 468, 611-617, 672, 783, 799, 828, 858, 1095
JOINER, R.L.: 618, 627
JONES, B.R.: 34, 955
JONES, D.: 619-622, 1118
JONES, J.E.: 146, 390, 1001
JONES, J.W.: 25, 116, 602, 623-626-, 762, 1332
JONES, R.L.: 995
JONES, S.L.: 2-4, 567, 1007, 1009
JORDAN, C.R.: 153
JORDAN, L.B.: 1043-1044
KALMBACH E.R.: 55
KAPLAN, S.L.: 650
KEARNEY, J.F.: 298, 799
KEELEY, L.L.: 627
KELLER, J.C.: 268, 628-630
KENNEDY, J.W.: 1029
KENT, A.D.: 1078
KINCADE, R.T.: 5
KING, E.E.: 631-633, 1167
KINZER, R.E.: 212
KIRK, I.W.: 634-635
KITTOCK, D.L.: 636-637
KLASSEN, W.: 328-330, 638-647, 787, 1002, 1242
KLEMETSON, D.J.: 371, 396
KNIPLING, E.D.: 640, 641-649, 726-728, 1308
KNOTT, W.B.: 571
KOTTER, E.: 799
KUAN, S.S.: 442
KULIN, H.E.: 650
KULKARNI, P.G.: 651
LACEWELL, R.D.: 652-654, 1139
LAHREN, C.K.: 327

LAM JR., J.J.: 288
LAMAS, C. J.M.: 655
LAMBERT, L.: 656
LAMBERT, W.R.: 384-386, 1333
LAMBREMONT, E.N.: 68, 135, 296, 659-662
LANDIN, N.: 377
LANE, M.C.: 486-487, 633, 829, 1167
LARSON, A.D.: 1083
LARSON, J.L.: 652, 654
LASETER, M.W.: 796
LASTER, M.L.: 5, 26, 663, 723
LATHROP, F.H.: 664
LEDBETTER, R.J.: 665
LEGGETT, J.E.: 230, 353-354, 612, 666-677, 726-728, 777-778, 1017,
1157, 1317
LEIGH, T.F.: 75, 320, 678
LENTZ, G.L.: 657-658, 911
LEON, Q.G.: 679
LEOPOLD, R.A.: 297, 680, 895, 950, 1119
LEPAGGE, H.S.: 681-682
LEVIN, M.D.: 608, 683
LEWIS, A.C.: 684
LINCOLN, C.: 279, 678, 685-689, 980
LINDELL, K.F.: 690
LINDG, O.H.: 148, 409-418, 422, 499, 520, 522, 600, 691-697, 800, 1078, 1080,
1263, 1269, 1279, 1313
LINDQUIST, D.A.: 43, 133, 210, 268-269, 275, 569, 698-699, 1007, 1018
LINDGREN, P.P.: 700
LOBATON G., V.: 701
LOCKWOOD, D.F.: 726-728
LOFTIN, V.C.: 702
LONGORIA, R.R.: 1276
LOPEZ JR., JD.: 704-705
LOPEZ, L.C.: 170

LOVE, J.N.: 1261
LOWE, J.: 474
LOYA, R.J.: 706
LUDVIK, G.F.: 708
LUE, P.S.: 707, 1212
LUKEFAHR, M.J.: 38, 231, 340, 709-712, 1096
LUSK, G.J.: 869, 880, 1261
LUSK, J.W.: 819
LYNN, D.: 627
LLEWELLYN, G.C.: 886
LLOUD, E.P.: 31-32
LLOYD, E.P.: 125, 142-144, 288, 485-487, 617, 625, 674, 713-741, 767, 799, 821-856,
1011, 1 59-1061, 1063, 1089, 1167-1168, 1212, 1279, 1311
MACGOWN, M.W.: 740-741
MADEL, W.: 742
MAGNUS, P.D.: 550
MALONE, D.L.: 419, 421, 694
MANGUM, C.L.: 743, 926-927
MANNERS, I.R.: 744
MANSELL, R.L.: 1231
MARIN, H.C.: 745
MARIN A, J.C.: 746
MARLOTT, C.L.: 747
MARSH, P.M.: 748
MARTIN, D.F.: 351, 711
MARTIN, W.: 749
MATTESON, J.W.: 750-751
MATTIX, E.B.: 51, 54, 499, 513
MAULDIN, J.K.: 752, 869-870, 881, 967
MAUNHEY, J.R.: 837
MAXWELL, F.G.: 27-30, 188, 579, 628-629, 712, 753-757, 967, 980, 1068
MAY, J.E.: 53
MAYER, M. S.: 758
Mcatee, W.L.: 55

Mc da, W.C.: 357
Mc CART JR., J.C.: 600, 656, 759-761
Mc CLENDON, R.W.: 116, 762, 1301
Mc COY, C.E.: 387, 1255
Mc COY, J.R.: 144, 724-725, 737, 763-769, 829-830, 1279-1281
Mc CUTCHEN, T.C.: 249-250
Mc DAVID, G.E.: 770
Mc DANIEL, S.G.: 488
Mc GAN, R.L.: 1276
Mc GARR, R.L.: 771-775
Mc GEHEE, F.: 186
Mc GOVERN, W.L.: 63, 232, 298, 500, 502, 612-614, 672, 776-784, 797, 800-801,
865, 1213, 1215
Mc GOWN, M.W.: 1258
Mc GWIRRE JR, J.U.: 640, 649
Mc HAFFEY, D.G: 84, 86, 282, 785-787, 952-953, 1147-1148
Mc INDOO, N.E: 788
Mc INTYRE, R.C.: 1041, 1045
Mc KIBBEN, G.H.: 127, 260, 268, 270, 305, 468, 470-472, 502, 523, 630, 726-728,
789-803, 854, 1061-1062, 1311
Mc KINION, J.M.: 762
Mc LAUGHLIN, R.E.: 64, 260, 600-601, 798, 804-820, 1158, 1198
Mc LENDON, C.A.: 684
Mc MEANS, J.L.: 729
Mc MILLIAN, W.W.: 355
Mc REYNOLDS, G.B.: 815
MEEKS JR, R.A.: 821
MENIKE, L.J.: 822-823
MEISCH, M.V.: 824-825
MELVILLE, D.R.: 146
MERKL, M.E.: 270, 341, 723, 730-731, 738, 783, 821, 826-831, 860-861, 978
METCALF, R.L.: 1005
MEYER, J.R.: 830
MILES, L.R.: 524

MILLER, A.E.: 368
MILLER, J.H.: 833
MILLER, P.A.: 912, 1322
MINYARD, J.P.: 531-532, 834, 1124, 1141, 1160, 1171-1173
MISTRIC JR, W.J.: 838-844
MITCHELL, E.B.: 229, 268, 270, 465, 470, 473, 475, 576, 612, 616, 628, 630, 739,
762, 784, 797, 802, 845, 862
MITCHEL, E.R.: 843-844
MITCHELL, H.C.: 7, 229, 233-237, 466, 612, 614, 672, 850, 863-865
MITCHELL, H.R.: 175
MITLIN, L.L.: 866
MITLIN, N.: 52, 388, 490, 494, 496, 497, 499, 502-505, 651, 778, 787, 803,
866, 861, 1159, 1199, 1259, 1263
MODY, N.V.: 969
MOPPERT, K.B.: 146
MOODY, D.S.: 99, 617, 627, 882-883
MOODY, R.: 197, 474
MOORE, A.D.: 547
MOORE, C.A.: 35, 884-885
MOORE, J.H.: 886
MOORE, R.F.: 482, 552-553, 675, 887-901, 1134, 1281
MORALES P., A.: 902-903
MORENO y PALOMINO, J.: 904
MORGAN, A.C.: 905
MORI, K.: 906-908
MORTTZ, R.J.: 103, 909
MULHERN, F.J.: 910
MULKEY, J.R.: 22
MULLINS, J.A.: 108, 1051
MULLINS, J.W.: 911
NAIL, B.J.: 503
NAMKEN, L.N.: 533, 912, 1325

NEEB, C.W.: 1045
NEFF, D.L.: 916
NELSON, D.R.: 917, 1125
NEMEC, S.J.: 825, 918-920
NETTLES JR, W.C.: 69, 921-928
NEWELL, W.: 929
NEWSOM, L.D.: 114, 299, 743, 930-934
NEWTON, O.H.: 882
NICHOLS, F.: 228
NICHOLSON JR., W.F.: 937
NILAKHE S.S.: 300-301, 305, 938-945, 1214-1215
NILES, G.A.: 22, 1224-1225, 1228-1229
NOBLE, L.W.: 1025
NORLAND, J.F.: 1002
NORMAN JR., J.W.: 946
NORMENT, B.R.: 947-949
NORTH, D.T.: 312-313, 680, 950
NOSKY, J.B.: 1269, 1276
NOVAK, A.F.: 69
NOVO, J.P.S. 968
OBISPO, G.Q.: 171
O'BRIEN, C.W.: 577
OHLOFF, G.: 448
OHSAWA, K.: 1286
OLIVER, H.D.: 951
OLIVER, J.E.: 283, 952-953
OMAN? P.: 254
ORR, G.E.: 1025
OSTER, G.: 1232
OURTH, D.D.: 955-956, 1087
OWEN JR., W.L.: 9
PACHECO, L.C.: 156-157
PADOVANI, I.: 302
PANZANI, C.R.: 170

PARENCA J.R., C.R.: 174, 219, 272, 356, 958-964, 1064, 1309
PARKER, R.D.: 22, 1270-1271
PARRO, B.: 926-927
PARROTT, W.L.: 601-605, 656, 756-757, 759-761, 965-967
PASSOS, S.M. de G.: 968
PATANA, R.: 357
PARVIN JR., D.W.: 1301
PAULK, J.I.: 497
PAVLOFF, A.M.: 146, 1101
PAYNE, J.A.: 995
PAYNE, L.B.: 900
PAYNE, T.L.: 448
PELLETIER, S.W.: 969
PENDERGRASS, J.E.: 251, 970
PERCY, R.G.: 74
PEREZ, A.: 1052
PERIES, R.; 1277
PERIMMER, T.R.: 971
PERKINS, J.H.: 972-973
PERKINS, W.D.: 481-483
PFRIMMER, T.R.: 975-978, 1309
PHILLIPS, J.R.: 164-165, 688, 979-980, 1331
PIERCE, W.D.: 986-987
PIETERS, E.P.: 988-992
PINKSTON, K.: 1288
PITTS, A.: 474
PIAPP JR , F.W.: 1140, 1286
POE, W.E.: 695, 732
POLLES, S.G.: 995
POMONIS, G.: 372-917
POMONIS, J.G.: 1125
PRATT, J.R.: 1160
PRICE, J.R.: 996
PRICE, R.G.: 1288

PRUITT, G.R.: 998, 1046
PRYOR, N.W.: 132
PULLEY, J.L.: 578
QUANT, G.L.: 445-446
RAINS, D.M.: 264
RAINWATER, C.F.: 999
RANDALL, W.C.: 53
RAST, L.E.: 1000
RAY, L.: 1016, 1018, 1021
REDDY, M.S.: 1239
REDDY, P.S.C.: 1001
REDFERN, R.E.: 1282
REILLY, V.L.: 871
REINECKE, L.H.: 1002
REINHARD, H.J.: 205, 1003
RENDON, F.: 156-157
RESTER, D.C.: 175
REYNOLDS, H.T.: 254, 1004-1005
RIDGWAY, R.L.: 44, 128, 209, 210-212, 275, 539, 569, 698, 700, 1006-1011,
1121-1122, 1322
RIEMANN, J.G.: 245, 1012
RISCO, A.B.: 364
ROACH, E.R.: 1013
ROACH, S.H.: 565, 676, 1014-1022, 1136
ROBBINS, W.E.: 302
ROBERSON, J.: 696-697, 1078, 1280, 1283-1284
ROBERTS, E.A.: 448
ROBERTS, E.C.: 1141
ROBERTS, L.: 688
ROBERTSON, K.: 1023
ROBERTSON, O.T.: 1024-1025
ROBINSON, R.C.: 821
RODRIGUEZ, V.J.: 615
ROGERS, C.E.: 1026

ROLLINS, C.S.: 526
RON PEDRIGUE, A.: 1027
ROSE, R.L.: 1101
ROSENBLATT, N.K.: 1028
ROTH, H.: 1029
ROTHROCK, M.A.: 1030
ROUSEEL, J.S.: 1031-1032
RUBIO, F.: 256
RUMMEL, D.R.: 8-9, 94-97, 127, 472, 652, 654, 698, 998, 1026, 1033-1050,
1219, 1250-1251
RUSSELL, W.G.: 1051
SADAR, M.H.: 442
SALAZAR S, E.: 1053
SALAZAR V., J.: 1052
SANTIZO, R.: 1055
SARTOR, C.F.: 197, 1056-1057
SCHUSTER, M.F.: 1237
SCOTT, H.A.: 820
SCOTT, W.P.: 144, 173-174, 626, 725, 731, 733-735, 802, 1058-1064, 1163, 1309
SCRUGGS, C.G.: 1065
SCHROEDER, M.L.: 1066
SCHOENECKER, B.; 1023
SCHOENLEBER, L.G.: 595
SCHULTE-ELTE., K.H.: 448
SCHUSTER, M.F.: 1067-1068
SCHWARTZ, P.H.: 1322
SCHWARZ, E.A.: 1069
SEQUERA, J.: 1071
SERRANO C, L. 1072-1073
SEWARD, R.W.: 451, 1300
SHARBAUGH, C.: 926-927
SHARPE, P.J.H.: 40, 240, 281, 1138
SHAUNAK, K.K.: 489, 735
SHEALY, Y.F.: 1124, 1141

SHEPERD, R.L.: 1075
SIFUENTES A, J.A.: 443
SIKOROWSKI, P.P.: 305, 422, 434, 521, 584, 740-741, 1076-1080, 1162-1163, 1258,
1264, 1280, 1301
SILVERSTEIN, R.M.: 1241
SIMMONS, C.L.: 489, 1254
SIMMONS, L.A.: 303-305
SIMONS, C.L.: 1081
SIMPSON, D.M.: 33
SIMPSON III, E.H.: 1301
SINGH, I.D.: 1082
SKINNER, F.B.: 683
SKINNER, J.L.: 169
SLATTEN, B.H.: 296, 306, 309, 1083
SLOAN, L.E.: 494, 504-505
SLOSSER, J.E.: 822-823, 996, 1084-1086
SMALLEY, D.L.: 956, 1087
SMITH, B.F.: 980
SMITH, C.E.: 934, 1236
SMITH, D.B.: 142- 144, 626, 725, 738, 966, 1063, 1088 -1092
SMITH, F.D.: 842
SMITH, J.R.: 1093
SMITH JR, J.W.: 39, 1064, 1309
SNOW, J.W.: 145
SOBRINHO, R.B.; 38, 1096
SOUTHWICK, L.M.: 1098
SOUZA, J.P. de: 1099
SOWELL, R.S.: 623
STADELBACHER, E.A.: 971, 977
SPARKS, A.N.: 481-483, 1100-1101
SPARKS JR. L.M.: 928
SPENCER, N.R.: 1102
STANLEY, W.W.: 1103
STEFFENS, W.L.: 425

STEIM, J.M.: 1104
STEPHENS, S.G.: 1105
STERLING, W.L.: 8-9, 619-622, 991, 1030, 1106-1118
STILL, G.G.: 1119
STINNER, R.E.: 320, 623-625, 1120
STOKES, J.B.: 246, 952
STOKES, R.A.: 212, 1121-1122
STONER, A.: 351-1123
STROMBERG, L.K.: 320
STRUCK, R.F.: 1124, 1141
SUGUIYAMA, L.F.: 160, 1304
SUKKESTAD, D.R.: 917, 1125
SZUMKOWSKI, W.: 1126
TAFT, H.M.: 555-566, 617, 635, 677, 751, 862, 894, 901, 1019, 1021, 1127-1136
TALMADGE, K.: 1137
TALPAZ, H.: 1138
TAMADA, S.: 907-908
TAMAYO, J.A.: 395, 438
TAYLOR, C.R.: 1139
TEAGUE, T.G.: 1140
TEMPLE JR, C.: 1141
TERRANOVA, A.C.: 1142-1146
TERRY, P.H.: 87, 284, 1147-1148
THOMAS JR., C.A.: 1152-1153
THOMAS, F.L.: 1154
THOMPSON, A.C.: 435, 453-454, 517-519, 524-532, 540-543, 834, 1079, 1124, 1141,
1155-1165, 1171-1173, 1262-1263
THOMPSON, M.J.: 302, 1216
TIMMONS, F.D.: 1166
TINGLE, F.C.: 144, 351, 725, 731, 735-738, 1167-1168
TIPPINS,, H.H.: 60, 1169
TREVINO, S.J.: 1170
TUMILINSON, J.H.: 470
TUMILINSON, J.R.: 229, 1171-1173
TURNER, V.V.: 479

TUTTLE, C.: 1120
TYNES, J.S.: 1174
VAISSAYRE, M.: 1194-1195
VAN DEN BOSCH, R.; 320
VANDERZANT, E.S.: 916, 1195-1197
VAVRA, J.: 1198
VEAL, S.D.: 816
VICKERS, D.M.: 872, 1199
VILAIN P., L.: 1052
VILLAVASO, E.J.: 305, 307, 943, 1200-1216, 1285, 1313
VINSON, S.B.: 544, 627, 1217-1218
WADDLE, B.A.: 688
WADE, L.J.; 98, 998, 1044, 1046-1047, 1219, 1251
WALK, E.L.: 330
WALKER, A.B.: 308-309
WALKER, J.K.: 22, 1220-1229
WALKER, J.T.: 853, 1022
WALKER, R.L.: 355, 1230
WALLACE, J.W.: 1231
WANG, Y.: 447, 1232
WANNAMAKER, W.K. : 1233
WARD, C.R.: 577-578
WARD, F.C.: 1234
WARNER, R.E.: 1235-1236
WATKINS JR., R.M.: 1237
WATKINS JR., W.C.: 275, 700
WATSON, J.E.: 707
WEAVER JR., J.B.: 1082, 1238-1239
WEBB, J.C.: 1135
WEBB, J.L.: 1240
WEBSTER, F.X.: 1241
WEBRHAWN, C.F.: 1242
WEEKS, J.R.: 385-386

WENDEL, L.E.: 1243
WESSLING, W.H.: 1244-1245
WHARTHEN JR, J.D.:
WHARTON, R.A.: 1246
WHISNANT, F.F.: 901
WHITCOMB, W.H.: 1247-1249
WHITE, J.R.: 99, 882-883, 998, 1044, 1046, 1050, 1250-1251
WHITTEN, C.J.: 1252
WILLIAMS, I.W.: 1253
WILLIS, G.H.: 1098
WILSON, C.A.: 489, 1081, 1254
WILSON, N.M.: 51, 54, 475, 576, 797, 851, 855, 859
WISE, D.: 1255
WITZ, J.A.: 551-552, 674, 705, 726, 728, 1256, 1323
WIYGUL, G.: 436, 440, 522, 697, 834, 868, 873-881, 1078, 1212, 1257-1264,
1279-1281
WOLFENBARGER, D.A.: 154-155, 274, 276, 439, 477-478, 773-775, 1265-1276
WOLINSKY, J.: 61
WOLLENBERG, R.H.: 1277
WOMACK, H.: 153
WOOD, R.: 662, 739
WOODS, C.W.: 35-87, 247
WOODWARD, D.N.: 433
WOODWARD, G.: 571
WORLEY JR., G.B.: 369
WOTTERS, C.J.J.: 601
WRIGHT, B.J.: 1165
WRIGHT, B.W.: 158
WRIGHT, J.E.: 1, 500, 506-513, 697, 768, 861, 1212, 1255, 1258, 1278-1284, 1313
WYATT, J.M.: 434, 1080, 1164
WYATT, M.: 521
YAMAMOTO, I.: 1285
YEARIAN, W.C.: 688

YOUNG, D.F.: 197, 451, 1286, 1300

YOUNG, J.H.: 1287

YOUNG, M.T.: 1988-1989

ZORB, G.L.: 76

INSTITUTO INTERAMERICANO DE COOPERACION PARA LA AGRICULTURA
I I C A

PROGRAMA DE SANIDAD VEGETAL
AREA SUR

Sede TREINTA Y TRES 1374, Piso 5
(Casilla de Correo 1217)

Teléfonos: 95 92 80 - 95 93 80 - 95 93 26 Cables: IICA

Montevideo - Uruguay

FECHA DE DEVOLUCION

Digitized by srujanika@gmail.com

IICA
PM-527
c.2

Autor

Título

PICUDO DEL ALGODON
(*Anthonomus grandis*)
Bibliografía parcialmente
anotada

| Fecha Devolución | Nombre del solicitante |
|------------------|------------------------|
| 3 OCT 1987 | Hugo Cáceres |
| 12 NOV 1987 | Hugo Cáceres |
| | |
| | |
| | |





IICA

SERIE DE PUBLICACIONES MISCELANEAS No. 527
ISSN - 0534 - 5391

Digitized by Google