

V1. REFERENCES

- Abbott, W.S. (1925):** A method of computing the effectiveness of an insecticides. J. Econ. Ent., 18 : 265-267.
- Abdallah, D.M.; M.H., Zazzou and M. A., El-Tantawy (1975):** Reduction in the fecundity of adult females and hatchability of eggs of *Spodoptera littoralis* (Boisd.) after exposure of pupae and eggs to juvenile hormone and analogues. Z. ang. Ent. 78: 176-181.
- Abdel-Gawad, A.A., E.S., Karim; F.A., El-Lakwah and A.R., Berry (1974):** Effect of some juvenile hormone analogues on *S.littoralis* (Boisd.) Z.Ang.Ent.76:321-325.
- Abdel-Geliel, R.M. (1997):** Toxicological studies on the cotton bollworms. M.Sc.Thesis, Fac. Agric., Cairo Univ., Egypt.
- Abdel-Khalek, A. E. B. (1990):** Toxicological and biochemical influences of certain insect growth regulators against the cotton leafworm, *S.littoralis* Boisd. M.Sc.Thesis, Fac. Agric., Ain Shams Univ., Egypt.
- Abdel-Megeed, M.I.; W.M ,Watson; Z.H ,Zidan; H.M., Hegazy, and N.M., Hussein (1987):** Insecticidal activites of pyriproxyfen, mineral oil and their binary mixtures on the spiny bollworm, *Earias insulana* (Boisd.).Fourth Arab Gong, of Plant Protection,Cairo, 1-5 Dec.
- Abdel-Rahman, S.A. (1972):** .The effect of Cyrolan, Endrin and Metacil on eggs, larvae and adults of the cotton leafworm *Spodoptera littoralis* (Boisd.). M.Sc. Thesis, Fac. Agric., Cairo Univ., Egypt.

- Abdel-Rahman, H.A.; M., Hussein, Nagwa; M.S, Abdel-Fattah; A.M., Omar and A.A., Hewady, Mona (1991):** Insecticidal activities of pyriproxyfen, mineral oil and their binary mixtures on the spiny bollworm, *Earias insulana* (Boisd.). Fourth Arab Conf., of Plant Protection, Cairo, 1-5 Dec.
- Abdel-Sattar, M.D.; M. A., El-Guindy; M. R. S., El-Assar and E. I., El-Sayed (1982):** The effect of diflubenzuron formulation on the development of newly hatched larvae of the cotton leaf worm *Spodoptera littoralis* (Boisd.) Proc.Egypt National Con.Ent., 2:483-492.
- Abo-Elghar, M.R. and H.S.A., Radwan (1978):** The ovicidal effect of chitin biosynthesis dirubtor on *S. littoralis* egg-masses. 3rd Pest control Conf., Ain Shams Univ., Egypt.
- Abo-Elghar, M.R.; H.S.A., Radwan and I.M.A., Amar (1976):** The ovicidal effect of a chitin biosynthesis distrubtar on *Spodoptera littoralis* egg-masses. 3rd pest Control Conf. Ain Shams Univ., Egypt.
- Abo-Elghar, M.R.; I.A., El-Keie; S.H., Mitri and H.S.A., Radwan (1980):** Field evaluation of certain insecticides for ovicidal activity of the cotton leafworm, *Spodoptera littoralis* (Boisd.).Sonderduck aus Bd., 89:100-104.
- Ahmed, M.T. (1987):** The effect of some benzoyl phenyl urea compounds on sperm transfer, sterility, mortality and egg viability of *Spodoptera littoralis*. Mededlingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit.Gent., 52 :485-494.
- Al-Jboory, I. J.; F. M., Aziz and Q. K., Zoien (1998):** Effect of insect growth inhibitor lufenuron (Match) on *Ephestia*

cautella (Walk.) (Pyralidae: Lepidoptera) under laboratory conditions .Arab J. Plant Protection. 16: 81-85.

Ammar, I.M.A. (1976): Toxicological and histological studies on the Egyptian cotton leaf-worm *Spodoptera littoralis* (Boisd.) with special reference to antimoulting insecticides. M.Sc. Thesis, Fac. Agric., Shebin El-Kom, Menoufia Univ., Egypt.

Arora, R. and H.S., Sidhu (1994): Ovicidal and sterilizing effects of diflubenzuron against *Helicoverpa armiger* .AUSO: Plant Protection Bulletin Faridabad, 46:11-15.

Ascher, K.R.S. and N.E., Nemny (1974). The ovicidal effect of PH 60-40 (1,4-chlorophenyl 3-2, 6, difluorobenzoyl-urea) in *Spodoptera littoralis* (Boisd.). Phytoparasitica, 2:131-133.

Ascher, K.R.S. and N.E., Nemny (1984): The effect of CME. 134 on *Spodoptera littoralis* eggs and larvae. Phytoparasitica, 12:13-27.

Ascher, K.R.S. and M., Eliyahu (1988): the ovicidal properties of the juvenile hormone mimic Sumitoma S-31184 (SK-591) to insects. Phytoparasitica, 16: 15-21.

Ascher, K.R.S.; M., Eliyahu; N.E., Nemny and I., Ishaaya (1982): The toxicity of some novel pesticides, synthetic pyrethroids and benzoyphenyl urea chitin synthesis inhibitor for eggs of *Spodoptera littoralis* (Boisd.). Z. Ang. Ent., 94: 504-509.

Ascher, K.R.S.; V., Melamed Madjar; N.E., Nemny; S., Tam and V., Melamed Madjar (1987): The effect of benzylphenylurea moulting inhibitors on larvae and eggs of the European corn borer, *Ostrinia nubilalis* Hbn.

(Lepidopter, Pyralidae). Zeit schrift fur Pflanzen Krankheiten und Pflanzenschutz., 94:584-589.

Ascher, K.R.S.; V., Melamed Madjar; N.E., Nemny and S., Tam (1989): The effect of benzoylphenyl urea moulting inhibitors on larvae and eggs of the European corn borer, *Ostrinia nubilalis* Hbn. (Lepidoptera; Pyralidae). Acta Phytopathologica, et Entomologica Hungarica 24: 25-30.

Assal, O.M.; H.S.A., Radwan and M.E., Samy (1983): Egg hatch inhibition in the cotton leaf worm with certain IGRs and synthetic pyrethroids. Z.Ang.Ent., 95: 259-263.

Berger, T.P.; Hofmeister, P; S., Emmling and A. Dorn (2003): Ovicide-induced serosa degeneration and its impact on embryonic development in *Manduca sexta* (Insecta: Lepidoptera). Tissue and Cell. 2003; 35(2): 101-112.

Biddinger, D. J.; L. A., Holl and E. G., Rajotte (1998): Stage specificity of various insecticides to Tufted Apple Bud moth larvae (Lepidoptera: Tortricidae). J. Econ. Ent. 91:200-208.

Bishara, I. (1951): The cotton leafworm problem. Alexandrie, Societe de publications Egytiennes, pp:1-15.

Borchert, D. M.; J. F., Walgenbach ;G. G., Kennedy and J.W., Long (2004): Toxicity and residual activity of methoxyfenozide and tebufenozide to codling moth (Lepidoptera: Tortricidae) and oriental fruit moth (Lepidoptera: Tortricidae). J. Eco. Ent. 97: 1342-1352.

Bull, D.L. and R.W., Meola (1994): Interactions of the insect growth regulator pyriproxyfin with immature and adult

stages of the stable fly. Southwestern Entomologist., 19:257-263.

Chandler, H. M.; S. D. ,Pair and W. E., Harrison (1992): RH-5992, a new insect growth regulator active against corn ear worm and fall armyworm (Lepidoptera: Noctuidae).J.Econ. Ent., 85: 1099-1103.

Charmillot, P.J.; A., Gourmelon; A.L., Fabre and D.,Pasquier (2001): Ovicidal and larvicidal effectiveness of several insect growth inhibitors and regulators on the codling moth *Cydia pomonella* l. (Lep., Tortricidae). J. Appl. Ent. , 125: 147-153.

Chen, P. and H. F., Gong (1989): The influence of a chitin synthesis inhibitor on the tracheal system formation in the embryo of the Asian corn borer. Acta Entomologica Sinica., 32: 144-148.

Chen, P.; H. F., Gong; J. Z.,Wang ; J. Y., Ding and Z.S., Wang (1993): Mechanism of chemosterilization by diflubenzuron in armyworm. Acta-Entomologica Sinica., 36: 396-408.

Chino, H. (1957):Enzymatic synthesis and hydrolysis of acetylcholine in the eggs of the silkworm, *Bombyx mori* (L.). Annotations Zool. Japan,30:106-113.

Chino, H. and T., Yushima (1953):On the occurrence of an acetylcholine-like substance in some insect eggs. 2-The change in acetylcholine-like substance content during embryonic development in some insect eggs. Annotations Zool. Japan, 26:233.

- Chino, H. and T., Yushima (1954):** Studies on the appearance and change of cholinestreaasa activity in the eggs of some lepidopterous insects. Zool. Mag.(Dobutsugaku Zasshi), 63: 185-188.
- Degheele, D.; S.X., Yi and C., Bai (1993):** Toxicity of benzoylphenyl ureas to the African army worm *Spodoptera exempta* (Walker.). Crop Protection. 12: 35-38.
- Dorn, A.; E., Sehn and P., Hofmeister (1987):** Effects of a new IGR-ovicide on a heteropteran (*Oncopeltus fasciatus* Dallas) and lepidopteran (*Manduca sexta* Johansen). J. Appl. Ent. 104: 157-166.
- Dorn, S.; M. L., Frischknecht ;V., Martinez ; R., Zcrfloh and U., Fisher (1981):** A novel non-neurotoxic insecticide with a broad activity spectru. Zeitschr. Krankh.po. Schutz. 88:269-275.
- Edomwande E. O. ;A. S. Schoeman ;J. A. Brits and M. M. Van der (2000 a):** Laboratory evaluation of lufenuron on immature stages of potato tuber moth (Lepidoptera: Gelechiida). J. Econ.-Ent., 93: 1741-1743.
- Edomwande, E.O.; A.S., Schoeman; J. A., Brits; M. van der, Merwe and M. Merwe der, van (2000 b):** Effect of the chitin synthesis inhibitor lufenuron on the American bollworm.The BCPC Conf. Pests and diseases, Proceedings of an international conference.13-16-Nov.,2000. 523-526.
- Elayidam, U. G. and D., Muraleedharen (2001)** Influence of juvenile hormone on the early embryonic development of *Dysdercus cingulatus* Fabr. (Heteroptera: Pyrrhocoridae). Ent., 26: 173-182.

- El-Bassyoni, M.S. (1982):** Studies on the effect of some juvenile hormone analogue on some cotton pestes. M.Sc. Thesis, Fac. Agric. Zagazig Univ.
- El-Dahan, A.A.; M.A., Serigand and M., Kady (1990):** Ovicidal action of organophosphorus insecticides, insect growth regulators and their binary mixtures on eggs of the cotton leaf worm, *Spodoptera littoralis* (Boisd.). Agric. Res. Rev., Cairo, 68: 113-120.
- El-Gayar, F.; W.M, Watson and S., Soliman (1980):** Ovicidal and larvicidal activity of different formulation of Dimilin against *Spodoptera littoralis* (Boisd.) under field conditions. Alex. J. Agric. Res., 28: 667-678.
- El-Ghareeb, A.M. (1992):** Comparative toxicity of some benzoylphenyl urea molt inhibiting insecticides to cotton leaf worm *Spodoptera littoralis* (Boisd.). Indian J. Ent., 54: 388-393.
- El-Guindy, M.A.; M.M., Abdel-Satar and R.M., El-Refai (1983):** The ovicidal action of the insecticides and insect growth regulators insecticide mixtures on the eggs of various ages of *Spodoptera littoralis* (Boisd.). Pestic. Sci., 14: 253-260.
- El-Guindy, M.A.; S.M., Madi and M.M., Ei-Sayed (1976):** The ovicidal action of insecticides and insect growth regulators on eggs of susceptible and resistant strains of the Egyptian cotton leafworm *Spodoptera littoralis* (Boisd.). Bull. Ent. Soc. Egypt. Econ., 10: 69-75.
- El-Sayed, E. I. (1978)** Larvicidal and ovicidal effects of Dimilin PH 66-13 and PH 66-14 on the Egyptian cotton leafworm.

The fourth pest control conference, Fac.Agric. Ain Shams Univ.

El-Sweerki, F.E.I. (2003) : Ovicidal activity of natural and synthetic compounds against cotton leaf-worm. Ph.D.Thesis Fac. Agric.Ain Shams Univ.

El-Tantawy, M.A. (1973): Action of insecticides in both S and R strains of *S. littoralis* (Boisd.) with special reference to the action of juvenile hormone and *Bacillus thuringensis*. Ph.D. Thesis, Fac. Agric. Cairo Univ.

Emam, A.K. and D., Degheele (1993): Ovicidal activity of benzoylphenyl ureas applied alone or together with Atplus 411 F on *Spodoptera littoralis*. Mededelingen van de faculteit landbouwwetens-chappen universiteit Gent., 58: 277-283.

Emam, A.K.; S.A., El-Refai; D.D., Degheele and S.A., Rafai (1988): Effect of sublethal dosages of four chitin synthesis inhibitors on the reproduction potential and F1 generation of the Egyptian cotton leaf worm, *Spodoptera littoralis* (Boisd.) (lepidoptera: Noctuidae). Mededelingen van de faculteit landbouw-wetenschappen rijksuniversiteit Gent., 53: 245-254.

Erler,F.and H. Cetin (2005): Evaluation of some selective insecticides and their combinations with summer oil for the control of the pear psylla *Cacopsylla pyri*. Phytoparasitica, 33: 169-176.

Farag, A.M.A. (2001):Biochemical studies on the effect of some Insect Growth Regulators on the cotton leafworm. M. Sc. Thesis, Fac. Agric. Cairo Univ.

- Faragalla, A.A.; E.C., Berry; L.C. Lewis and W.D. ,Guthrie (1984):** chemosterilization on European corn borer adults with diflubenzuron. J. Agric. Ent., 1: 4.
- Finney, D. J. (1971):** Probit analysis 3rd ed. Cambridge Univ., pp 333.
- Gelbic, I. and S., Matolin (1984):** Changes in fecundity and embryogenesis in *Spodoptera littoralis* caused by juvenoids. Acta Entomologica Bohemo-Slovaca, 81: 321-330.
- Ghattas, A.; M.B., Attia; M.R., Abo-Elghar and N.E., Abo-Elghar (1987):** Ovicidal action of insecticides on egg-mass of cotton leaf worm *Spodoptera littoralis* (Boisd.). Indian J. Agric. Sci., 57: 197-199.
- Hamman, I. and Sirrenberg, (1980):** Laboratory evaluation of SIR 8514. a new chitin synthesis inhibitor of the benzoyl urea class. Pflanzenschutz. Nachrichten Bayer, 33: 1-34.
- Helal, E.M. (1976):** Studies on the embryonic development in some arthropods. Ph.D. Thesis, Fac. Agric. Alexandria Univ.
- Hicks,B.J. and R.,Gordon (1992):** Effects of the juvenile hormone analog fenoxycarb on various developmental stages of the eastern spruce budworm, *Choristoneura fumiferana* (Clemens) (Lepidoptera: Tortricidae).Canadian Ent.,124: 117-123.
- Hicks, B.J. and R., Gordon (1994):** Effect of the juvenile hormon analogue fenoxycarb on post-embryonic development of the eastern spruce budworm, *choristoneura fumiferana*,

following treatment of the egg stage Entomologia Experimentalis et Applicata, 71: 181-184.

Horowitz, A.R.; M., Klein; S., Yablonski and I., Ishaaya (1992): Evaluation of benzoylphenyl ureas for controlling the spiny bollworm, *Earias insulana* (Boisd.) in cotton. Crop Protection. 11: 465-469.

Hussein, N.M. (1987): The ovicidal effectiveness of synthetic insecticides and insect growth regulators against the spiny and pink bollworms. Mededlingen van de Faculteit Landbouw Wetenschappen Rijksuniv., 52: 495-499.

Hussein, N.M.; M., Naguib; M.W., Watson; M.I. ,Abdel-Megeed and F.M., Mariy (1984/1985): Ovicidal and latent biological activities of IGR, insecticides and their binary mixtures on the American bollworm, *Heliothis armigera* (Hbn.) Bull. Ent. Soc. Egypt. Econ. 14: 413-421.

Isaacs, R.; K.S., Mason and E. Maxwell (2005): Stage specific control of grape berry moth, *Endopiza viteana* (Clemens) (Lepidoptera: Tortricidae), by selective and broad-spectrum insecticides. J.of Econ.Ent. 98: 415-422.

Ishaaya, I.; S., Yablonski; Z., Mendelson; Y., Mansour and A.R., Horowitz (1996): Novaluron (MCW-275) a novel benzoylphenyl urea suppressing developing stages of lepidoptera, whitefly and leafminer pests. Crop protection conference pests of diseases , Brighton, UK, 18-21, 1013-1020.

Jacob, M. and V.K.K., Prabhu (1988): Effect of two juvenile hormone analogues on embryonic morphogenesis, histogenesis, endocrines and cuticulogenesis of *Dysdercus*

cingulatus. Proceedings of the Indian Academy of Sci., Animal Sci. 97: 55-65.

Joginder, S.; J.S., Gill and S., Jasbir (1993): Ovicidal effect of insecticides on eggs of gram pod borer (*helicoverpa armigera*) and spotted bollworm (*Earias vittella*). Indian J. Agric. Sci., 63: 853-855.

Kange, J.H.; Oh, SeiWon; Lee, KyungRo; S. W., Oh and K. R., Lee (1993): Effect of methoprene on embryo development in the gypsy moth, *Lymantria dispar*. Korean J. Appl. Ent., 32: 450-456.

Knight, A. L (2000): Tebufenozide targeted against codling moth (Lepidoptera: Tortricidae) adults, eggs, and larvae. J. Econ. Ent., 93 : 1760-1767.

Kobayashi, Y.; Y., Ono; Y., Yoshioka; T., Okano and K., Buei (1994): Effect of juvenile hormone analogues, pyriproxyfen and methoprene against the cat flea *ctenocephalides felis* (Bouche). Japanese j. of Sanitary Zoology. 45: 245-251.

Kumar, Y. and S., Jaipal (1992): ovicidal activity of some juvenile hormone analogues on cotton stainer, *Dysdercus koenigii* Fab. J. Insect Sci., 5: 157-158.

Lockshin, R.A. (1966): Insect embryogenesis; Macro-molecular synthesis during early development. Science, 154 : 775-776.

Main, L. I. S., and Mir S. Mulla (1982): Biological activity of IGRs against four stored product Coleopterans. J. Econ. Ent. 63: 1043-1050.

Mandal, S. and D.k., Choudhuri (1984): Effects of Juvenoids methoprene and hydroprene on the hatching of eggs of

Earias vitella Fab. (Noctuidae; Lepidoptera), a serious cotton pest. Indian J. Agric. Sci., 54: 69-72.

Marchiondo, A.A.; J.L., Riner; D.E., Sonenshine; K.F., Rowe and j.h., Slusser (1990): Ovicidal and larvicidal modes of action of fenoxycarb against the cat flea (Siphonaptera: pulicidae). J. Medical Ent., 27: 913-921.

Marshall, D.B.; D.J., Pree and B.D, Mcgarvey (1988): Effects of benzoylphenylurea insect growth regulators on eggs and larvae of the spotted tentiform leafminer *Phyllonorycter blancardella* (Fabr.). (Lepidoptera: Gracillariidae Can. Ent., 120: 49-62.

Masner, P. (1969): the effect of substances with juvenile hormone activity on morphogenesis and function of gonads in *Pyrrhocoris apterus* (heteroptera). Acta. Ent. Bohemoslave., 66: 81-86.

Masner, R.; P.K., Salama and V., Landa (1968): Natural and synthetic material with insect hormone activity. Tv-specific female sterility effected produced by a juvenile analogue. J. Empryl. Exp. Morphol.5-20.

Masner, P; M., Angst and S., Dorn (1987): Fenoxycarb, an insect growth regulator with juvenile hormone activity: a candidate for *Heliothis virescens* (F.) control on cotton. Pest. Sci., 18: 89-94.

Matolin, S. (1973): Regulation of embryogenesis in *Pyrrhocoris apterus* L. with sterilants and a laser beam (heteroptera). Acta Ent. Bohem-oslovaca.,70: 225-237.

- Matolin, S. and I., Gelbic (1975):** The effect of juvenoids on embryogenesis of *carpocapsa pomonella* (L.). Czechoslovak. Acad. Sci. praha.
- Mehrotra, K.N. (1960):** Development of cholinergic system in insect eggs. J. Insect Physiol.,5: 128-142.
- Meisner, J.; K.R.S., Ascher and F., Assi (1987):** Effect of some benzoyl phenyl urease on *Earias insulana* eggs of different age. Pestic. Sci., 15: 91-96.
- Metwally, M.M.; F., Sehna and V., Landa (1972):** Reduction of fecundity and control of the khapra beetle by juvenile hormone mimics., J. Econ. Ent. 65: 1603-1605.
- Mitri, S.H. and A.A.M., kamel (1970):** The ovicidal effect of certain newer insecticides on *Spodoptera littoralis* egg masses. J. Econ.Ent., 63: 676-678.
- Mkhize, J.N. (1993):** Ovicidal effects of four synthetic juvenile hormone analogues on the confused flour beetle *tribolium confusum*. Insect Sci.
- Moawad, G.M.; Z.H., Zidan and F.E., El-Sweeki (1996a):** Latent bioinsecticidal effects of certain soft nontoxic compounds on the cotton leaf worm. *Spodoptera littoralis* (Boisd.) treated as eggs. Proc. 6th Conf. of Agricultural development research, 17-19 Dec. Cairo, 255-264.
- Moawad, G.M.; I.F.M., Salem; W.M.H., Dessuky; A., El-Sheakh and S.A.A. Raslan (1996b):** Latent effect of IGRs on egg-masses of *Spodoptera littoralis* (Boisd.) treated with three IGRs in Egypt. J. Agric. Res., 74: 115-121.

- Moreno, Mari; J. N., hawlitzky and R., Jimenez (1993):** Effect of treatment with fenozycarb on eggs of *Ephestia kuehniella* zeller (Lep. Pyralidae). Boletin de Sanidad vegetal, Plagas., 19: 11-17.
- Moustafa, O.L. and Z.M., El-Attal (1984):** Evaluation of chitin inhibitor triflumuron against the cotton leaf worm *Spodoptera littoralis* (Boisd.). Bull. Ent. Soc. Egypt. Econ., 14: 155-159.
- Mridula, G.; S., Ram and P. K., Gupta (1994):** Ovicidal activity of diflubenzuron on *Diacrisia obliqua*. Indian J. Ent., 56: 429-430.
- Novak, V.J.A. (1966):** Insect hormone-Methuen London.
- Novak, V.J.A. (1968):** morfogenese zivocichu a metamofosni hormony hmyzu-Biol-Listy, L.; 14-30.
- Novak, V.J.A. (1969):** morphogenetic analysis of the effects of juvenile hormone analogues and other morphogenetically active substances on embryos of *Schistocerca gregaria* (Forscal).J. Embryol. Exp.Morph., 21: 1-21.
- Novozhilov,K.V. and E. A., Stepanycheva (1984):** The effect of Dimilin - a chitin synthesis inhibitor on the development of the summer cabbage fly *Delia floralis*. Regulatory-rosta-i-razvitiya-nasekomykh-v-bor'be-s-sel'skokhozyaistvennymi-vreditelyami., 58-64.
- Odhiambo, T.R. (1966):** Site of action of the corpus allatum hormone at the Gellular level in *Schistocerca gregaria*. Acta trop., 23: 264-271.

- Oliveira, Folho, A.M.; R., Pinchin; M.J., Figueiredo and C.A., Muller (1984):** Blokage of embryonic development in *Panstrongylus megistus* by juvenile hormone analogues. Insect Sci. and its Application., 5: 127-130.
- Olszak, R.W.; B., pawlik and R.Z., Zajac (1994):** The influence of some insect growth regulators on mortality and fecundity of the aphidophagous coccinellids *Adalia bipunctata* L. and *Coccinella septempunctata* L. (Col., Coccinellidae), J. Appl. Ent., 117: 58-63.
- Oouchi, H. (2005):** Insecticidal properties of a juvenoid, pyriproxyfen, on all life stages of the diamondback moth, *Plutella xylostella* (Lepidoptera: Yponomeutidae. Appl. Ent.and-Zoology. 2005; 40(1): 145-149.
- Pons, S.; H., Riedl and J. Avilla (1999):** Toxicity of the ecdysone agonist tebufenozide to codling moth (Lepidoptera: Tortricidae. J. Econ. Ent., 92: 1344-1351.
- Radwan, H.S.A.; O.M., Assal; M.R., M.A., Samy and M.R., Abo-Elghar (1983):** Synergistic ovicidal action of organo-phosphorus and carbamate compounds when mixed with insect growth regulators in controlling cotton leaf worm. Indian J. Agric. Sci., 53: 1055-1058.
- Radwan, H. S. A.; O. M., Assal and M. A., Samy (1985):** Ovicidal action potentiation of synthetic pyrethroid by insect growth regulators against the cotton leafworm, *Spodoptera littoralis* (Boisd.). Bull. Ent. Soc. Egypt., 4: 275-283.
- Riddiford, L.M. (1970):** Prevention of metamorphosis by exposure of insect eggs to juvenile hormone analogues. Science., 167: 287-288.

- Riddiford, L.M. (1971):** Juvenile hormone and insect embryogenesis. *Mitteilungender Schweizerischen entomomologishchen geselloschaft Bulletin dela Siciete entomologique Suisse*. Band 44 Heft. Lu. 2 September.
- Riddiford, L.M. and C.M., Williams (1967):** The effects of juvenile hormone analogues on the embryonic development of silkworms. *Proc. Nat. Acad. Sci. U.S.* 57: 595-601.
- Riddiford, L.M. and M., Hori (1981).** Control of larval cuticle formation and pigmentation by juvenile hormone. In juvenile biochemistry, Action agonism and antagonis. (Derby Partt, G.E. and Brooks G.T.) pp 438 -452. Elsevie. North Holand biomedical press, Amsterdam.
- Rizk, G.A.; M.A., Soliman and H.M., Isamel, (1990):** Semi-field and field evaluation of two acylureas on the cotton leaf worm. *Spodoptera littoralis* (Boisd.) in Middle Egypt. *Assiut J. Agric. Sci.*, 21: 44-57.
- Rodriguez, L. M.; J.A., Ottea and T. E., Reagan (2001):** Selection, egg viability, and fecundity of the sugarcane borer (Lepidoptera: Crambidae) with tebufenozide. *J.Econ. Ent.*, 94: 1553-1557.
- Shaaban, Z. and S.M.F., Ibrahim (1993):** Inhibition of growth and development of the sping bollworm by benzoylphenyl ureas. *Alex. Sci. Exch.* 14: 129-142.
- Shalaby, A.M. (2002):** Effect of flufenoxuron cascade on Embryogenesis of *Pectinophora gossypiella* (SAUND). *J. Egypt. Acad. Soci. for Environ. Develop. (A. Entomology)* 2: 53-66.
- Shalaby, F.F.; Eglal, Helal; M.M., Assar and M.S., El-Bassiony (1987):** Histological effects of some juvenile hormone

- analogues on the embryogenesis of *Spodoptera littoralis* L. Alex. J. Agric. Res., 32: 323-336.
- Salama, k. and C.M., Williams (1966):** The juvenile hormone.V- the sensitivity of the bug, *Pyrrhocoris apterus* (L.) to a hormonally active factor in American paper pulp. Biol. Bull., Woods, Hole, 130: 238-246.
- Smith, E.H. and E.H., Salkeld (1966):** The use and action of ovicides. Ann. Rev. Ent., 11: 331-368.
- Spielman, A. and C.M., Williams (1966):** Lethal effects of synthetic juvenile hormone on larvae of the yellow fever mosquito, *Aedes aegyptii*. Science 154: 1043-1044.
- Staal, G.B. (1975):** Insect growth regulators with juvenile hormone activity. Ann. Rev. Ent., 20: 417-460.
- Tariq, A.M.; L.J., Jiboory; A.S. Ali; M.A., Al-Lzzi (1999):** Effect of IGI match on maize stalk borer *Sesamia cretica* led. (Lepidoptera; Pholaenidae) under laboratory and field conditions. Arab J. of Plant Protection. 17: 1-8.
- Trisyono, A. and G.M., Chippendal (1997):** Effect of non steroidal ecdysone agonists, methoxyfenozide and tebufenozide on the European corn borerer (Lepidoptera; Pyralidae). J. Econ. Ent., 90: 1486-1492.
- Trisyono, A.; B., Puttler and G.M., Chippendal (2000):** Effect of the ecdysone agonists, methoxyfenozide and tebufenozide, on the lady beetle, *Coleomegilla maculata*. Entomologia Experimentalis et Applicata., 94: 103-105.
- Tuan, S. J.; N., Toscano ; J. L., Bi and G., Ballmer (2003):** Susceptibilities of *Trialeurodes vaporariorum* (Homoptera: Aleyrodidae) collected from three different regions in Southern California to the two insect growth regulators,

buprofezin and pyriproxyfen. Plant Protection Bulletin Taipei., 45: 199-209.

Vernnard, C.; B., Nguama; R.J., Dillon; H., Oouchi and A.K., Charnley (1998): Effect of the juvenile hormone mimic pyriproxyfen on egg development, embryogenesis, larval development and metamorphosis in the desert locust *Schistocerca gregaria* (orthoptera: Acarididae). J. Econ. Ent., 91: 41-49.

Vinson, J.W. and C.M., Williams (1967): lethal effects of synthetic juvenile hormone on the human body louse. Proc. Nat. Acad. Sci. M.S. 58: 294-297.

Willcocks, F.C. and S., Bahgat (1937): Insect and Related Pssts of Egypt, vol. 1 part 2 Len cioni, cairo.

Yokoyama, V.Y. and G.T., Miller (1991): Potential of pyriproxyfen as a quarantine treatment for codling moth and oriental fruit moth (Lepidoptera: Tortricidae). J. Econ. Ent., 84: 942-947.

Zeid, M.I.; A.H., El-Sebae ; N.M., Bakry and A.S.A., Saad (1973): Egptian cotton leafworm, laboratory and field evalution of certain insecticides. J. Econ. Ent.,66: 1293-1297.

Zidan, Z.H.; M.I., Abdel-Megeed ;W.M., Watson and A.K., El-Defrawi (1987):Ovicidal activity of certain mineral oils, organic insecticides and their mixtures against the cotton leafworm, *Spodoptera littoralis* (Boisd.) (Lepidoptera : Noctuidae). Appl. Ent. & Zool., 22: 241-247.