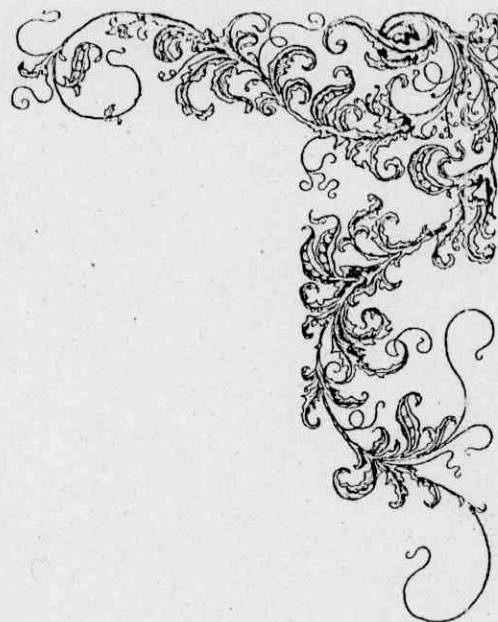
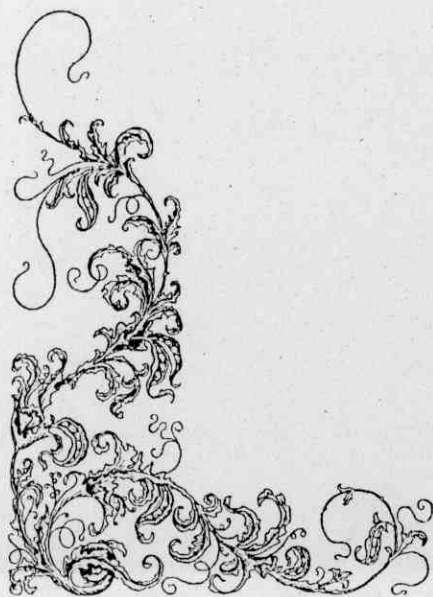




REFERENCES



REFERENCES

- Abraham, C.C. and Nair, M.R.C.K. (1970):** Relative susceptibility of different varieties of paddy seeds to infestation by the grain moth *S. cerealella*.
- Ali, S.I.; Singh, O.P. and Misra, M.S. (1983):** Effectiveness of plant oils against pulse beetle, *Callosobruchus chinensis* (L.). Indian J. Ent., 45: 6 – 9.
- Back, E.A. and Cotton, L.M. (1960):** Pest of stored grains and productions. 23: 34-35.
- Bekele, A.J.; Obengofori, D. and Hassanali, A. (1996):** Evaluation of *Ocimum suave* (Willd) as a source of repellents, toxicants and protectants in storage against three stored product insect pests. International J. of Pest Management, 42(2): 139-142.
- Bitran, E.A.; Campos, T.B.; Oliveira, D.A. and Shiba, S. (1983):** Evaluation of the residual action of some organophosphorus and pyrethroid insecticides for the control of infestations of *Sitophilus zeamais* Motschulsky, 1855, in stored maize. Biologico, 49(11/12): 265-273.
- Boff, M.I.C. Almeida, A.A. de and De-Almeida (1995):** Residual effect of extracts of *Piper nigrum* L. on

neonatal larvae of *Sitotroga cerealella* Oliv. Anais da Sociedade Entomologica do Brasil. 24(1): 155-121.

Boff, M.I.C. Almeida, A.A. de and De-Almeida (1996): Activity of *Pipper nigrum* L. on eggs of *Sitotroga cerealella* Oliv. Anais da Sociedade Entomologica do Brasil. 25(3): 423-429.

Bradley, R.H.E.; Moore, C.A. and Pond, D.D. (1966): Spread of potato virus Y curtailed by oil. Nature, 209: 1370-1371.

Candura, G.S. (1944): Further damage caused by the Tudian Neal moth (*P. interpunctella*) and Angoumois grain moth (*S. cerealella*). Ent. Bull. Plant. Prot., No. 2:19

Candura, G.S. (1950): Notes on *S. cerealella* Olive in Northern Italy and other moths infesting stored foods-fluffs. Boll. Zool. Agric. Bachic, 99-140.

Candura, G.S. (1954): Notes *S. cerealella* in Northern Italy and on other moths infesting stored food-stuffs. Boll. Zool. Agric. Bachic, 3: 99-146.

Chakanyuka, K.M. and Giga, D.P. (1986): Evaluation of four chemical protectants against some pests of stored grain in Zimbabwe. Zimbabwe J. of Agric. Res., 24(2): 173-180.

- Champagne, D., Isman, M.B. and Neil, G.H. (1989):** Insecticidal activity of phytochemicals and extracts of the Meliaceae. pp. 95-109, In Arnason, J. T., Philogene, B.J.R. and Morand P. (Eds), *Insecticides of Plant Origin*, American Chemical Society Washington D.C.
- Cotton, L.M. and Russel, M.P. (1970):** Some effects of rice varieties on the biology of the Angomios grain moth *S. cerealella*. Ann. Ent. Soc. Am., 63(4): 930-931.
- Crombie, A.C. (1944):** The development of the Angoumois grain moth (*S. cerealella*). Nature, 152, No., 3852: 246.
- Darwish, A.A. (1989):** Studies about the effect of inert gases on the efficiency of phosphine to some stored product-insects. Ph.D. Thesis, Economic Entomology, Fac. Agric., Moshtohor, Zagazig University.
- Darwish, A.A. (1997):** Effect of neem and datura plant extracts under modified atmospheres on certain stored products insects. Annals of Agric. Sci., Moshtohor, 35(4): 2529-2544.
- Deb-Kirtaniya, S.; Ghosh, M.R.; Mitra, S.A.; Adityachau, D.N. and Chatterjee, A. (1980):**

Extract of garlic as possible source of insecticides.
Indian J. Agric. Sci., 50(6): 507-510.

El-Lakwah, F.A. and Mohamed, R.A. (1999): Efficiency of datura fruit extracts and their mixtures with malathion against the cowpea beetle (*Callosobruchus maculatus*, F.). Annals of Agric. Sci., Moshtohor, 37(3): 1967-1978.

El-Lakwah, F.A.; Abdel-Latif, A.M. and Halawa, Z.A. (1998a): Effect of *Conyza dioscoridis* leaf extracts on three major insects of stored products in Egypt. Egypt. J. Agric. Res., 76(3): 971-982.

El-Lakwah, F.A. and Abdel-Latif, A.M. (1998): Effect of surface treatment of grain bags with the botanical insecticide neemazal-T and certain plant extracts on weight loss of stored wheat and maize grains due to infestation with *Sitophilus oryzae* (L.). Egypt. J. Agric. Res., 76(3): 1003-1015.

El-Lakwah, F.A.; Darwish, A.A. and Halawa, Z.A. (1996): Toxic effect of extracts and powders of some plants against the cowpea beetle (*Callosobruchus maculatus*). Annals of Agric. Sci., Moshtohor, 39 (4): 1849-1859.

El-Lakwah, F.A.; Darwish, A.A. and Omnia M. Khaled, (1992): Effectiveness of dill seed powder (*Anethum graveolens* L.) on some stored product

insects. Annals of Agric. Sci. Moshtohor, 30 (4): 2031-2037.

El-Lakwah, F.A.; Halawa, Z.A. and Abdel-Latif, A.M. (1997): Effect of the extracts of *Withania somnifera* leaves and fruits on some stored products insects. Annals of Agric. Sci., Moshtohor, 35(1): 537-552.

El-Lakwah, F.A.; Hamed, M.S. and Abdel-Aziz, A.E. (1998): Toxicity and joint action of neemazal with certain modified atmospheres against two species of stored product insects. Annals of Agric. Sci., Moshtohor, 36(3): 1941-1958.

El-Lakwah, F.A.; Hamed, M.S. and Abdel-Latif, A.M. (1996): Effectiveness of *Lantana camara* and *Nerium oleander* extracts alone and in mixtures with two insecticides against *Rhizopertha dominica*, (F.). Annals of Agric. Sci., Moshtohor, 34(4): 1879-1905.

El-Lakwah, F.A.; Khaled, O.M. and Darwish, A.A. (1993): Laboratory studies on the toxic effect of some plant seed extracts on some stored product insects. Annals of Agric. Sci., Moshtohor, 31(1): 593-603.

El-Lakwah, F.A.; Khaled, Omnia M. and Abdel-Gawaad, A.A. (1997): Effect of *Lantana camara*

and *Nerium oleander* extracts alone and in combinations with pirimiphos-methyl and/or fenvalerate against the rice weevil (*Sitophilus oryzae*, (L.). Annals of Agric. Sci., Moshtohor, 35(3): 1779-1798.

El-Lakwah, F.A.; Khaled, Omnia M. and Abdel-Gawaad, A.A. (1997): Effectiveness of two plant extracts and their mixtures with insecticides against red flour beetle *Tribolium castaneum*, (Herbst.). Annals of Agric. Sci., Moshtohor, 35(3): 1799-1820.

El-Lakwah, F.A.; Mahgoub, Sanaa M. and Mohamed, Salwa M. (2000): Effect of maize husk ash and mustard seeds powder (*Brassica arvensis*) as grains protectants on some stored product insects. Annals of Agric. Sci., Moshtohor, 38(1): 565-571.

El-Lakwah, F.A.; Mohamed, R.A. and Darwish, A.A. (1995): Evaluation of the toxic effect of Chinaberry (*Melia azedarach*) on *Sitophilus oryzae*. Annals of Agric. Sci., Moshtohor, 33(1): 389-398.

El-Lakwah, F.A.; Moustafa, Taheya S. and Shemais, Sawsan A. (1998): Efficiency of neemazal against Khapra beetle larvae *Trogoderma granarium*

everts. *Annals of Agric. Sci., Moshtohor*, 36(2): 1145-1155.

Finney, D.J. (1971): Probit analysis 3rd Edt., Cambridge University Press: Cambridge, UK 318pp.

Ghulam, J. and Mohamed, M.M. (1973): Studies on neem plant as repellent against stored grain insects. *Pakistan J. Sci. Ind. Res.*, 16(6): 251-254.

Giga, D.P. and Zvoutete, P. (1990): The evaluation of different insecticides for the protection of maize against some stored product pests. *International Pest Control*, 32(1): 10-13.

Giga, D.P.; Mutemerewa, S.; Moye, G. and Neeley, D. (1991): Assessment and control of losses caused by insect pests in small formers stores in Zimbabwe. *Crop Protection*, 10(4): 287-292.

Glob, P.; Mwambula, J.; Mahongo, V. and Ngulube, F. (1982): The use of locally available materials as protectants of maize grains against insect infestation during storage in Malawi. *J. Stored Prod. Res.*, 18(2): 66.

Grewall, S.S. and Atwal, A.S. (1969): The influence of temperature and humidity on the development of *S. cerealella* Olivier (Clechiidae : Lepidoptera). *J. Res. Punjab Agric. Univ.*, 6(2): 353-358. (R.A.E., 1970, pp. 545).

- Halawa, Z.A. (1998):** Evaluation of acetone and petroleum ether extracts of *Lantana camara* leaves and *Delonix regia* seeds against the cowpea beetle *Callosobruchus maculatus* (F.). Annals of Agric. Sci., Moshtohor, 36 (4): 2651-2669.
- Halawa, Z.A.; Mohamed, R.A. and El-Kashlan, I.H. (1998):** Laboratory evaluation of some plants and insecticides against cowpea beetle (*Callosobruchus maculatus*, F.) infesting stored products. Egypt. J. Agric. Res., 76(1):85-94.
- Hammad, S.M.; Shenouda, M. Gh. and El-Deeb, A.L. (1967):** Studies on the biology of *Sitotroga cerealella* Oliv. Plant Protection Dept., Fac. Agric., Alex. Univ. Bull. Soc. Ent. Egypt., L1: 257-268.
- Harukawa, C. and Kumashiro, S. (1936):** On *S. cerealella* Oliv. (in Japanese). Nogahukenkyn, 26: 426-448.
- Headlee, T.J. (1917):** Report of the Entomologist Rept., New Jersey Agric. Coll., Expt. Sta., 1915: 306-335.
- Howard, L.O. (1926):** Report (1924-1925), of the Entomologist- U.S. Dept. Agric., 35pp.
- Jembere, B.; Obeng-Ofori, D.; Hassanali, A.; Nyamasyo, G.N.N. (1995):** Products derived from the leaves of *Ocimum kilimandscharicum* (Labiatae) as post-harvest grain protectants against the infestation of

three major stored product insect pests. Bulletin of Entomological Research, 85(3): 361-367.

Jilami, G. and Malik, M.M. (1973): Studies on neem plant as repellent against stored grain insects. Pakistan J. Sci. Ind. Res., 16(6): 251-254.

Joubert, P.C. (1964): The reproductive system of *S. cerealella* Olivier (Lepidoptera : Clechiidae), I. Development of the female reproductive system. S. Afr. J. Agric. Sci., 7(1): 65-77. Pretoria, 1964. II. Structure and physiology of the female system, T.C. No., 3: 251-264. (R.A.E., 1965, pp. 131).

Joubert, P.C. (1967): Field infestation of stored product insects in South Africa. J. Stored Prod. Res., 2(2): 159-161.

Khare, B.P. and Mills, R.B. (1968): Development of Angoumois grain moth in kernels of wheat, sorghum, and corn as affected by site of feeding. J. Econ. Entomol., 61(2): 450-452.

Khattak, S.U.; Khalil, S.K.; Ahmad, I. and Hussain, N. (1996): Relative susceptibility of maize cultivars to Angoumois grain moths, *S. cerealella* (Oliv.). Pakistan J. of Zoology, 28(2): 139-143.

Klein, H.Z. (1930): On the life history and epidemiology of the grain moth *S. cerealella*. Anz. Schadlingak. vi, No., 97-101.

- Lavigne, R.J. (1991):** Stored grain insects in underground storage pits in Somalia and their control. *Insect Science and its Application*, 12(5-6): 571-578.
- Lepage, H.S. (1940):** Pests of stored maize. *Biologiee*, 5(11): 243-249.
- Mahgoub, S.M.; Ahmed, S.M. and Abdel-Baki, S.M. (1998):** Use of *Petroselinum sativus* oil for the protection of wheat grain and mung bean seeds against the rice weevil, *Sitophilus oryzae* L. and the cowpea beetle, *Callosobruchus maculatus*, F. *Egypt. J. Agric. Res.*, 76(1): 117-125.
- Mahgoub, Sanaa M. (1996):** Efficacy of *Ricinus communis* extracts in different solvents as protectants against the cowpea weevil, *Callosobruchus maculatus*, F. (Bruchidae : Coleoptera). *Egypt. J. Agric. Res.*, 76(1): 77-83.
- Matsubara, H. and Tanimura, R. (1966):** On the utilization of constituents of black pepper as an insecticide and pyrethrins or allethrin synergist. *Studies on synergist for insecticides. XXIV, Botyu-Kagaku*, 31: 162-167.
- Mills, R.B. (1965):** A color character (due to the testes) to distinguish sexes of mature larvae and pupae of *S. cerealella*. *J. Econ. Entomol.*, 51(5): 780-781.

- Mital, H.C. (1971):** Protection of cowpea from insect infestation with the aid of fixed oils. J. West Agric. Sdi. Assco., 16: 45-48.
- Mohamed, M.T. (1981):** Antifeedant materials for desert locusts *Schistocerca gregaria* Forsk in plants. M. Sc. Thesis Plant Protection Dept., Fac. of Agric., Moshtohor, Zagazig University.
- Mohamed, M.T. (1985):** Studies on insect control materials from plant origin. Ph. D. Thesis Plant Protection Dept., Fac. of Agric., Moshtohor, Zagazig University.
- Mohamed, R.A. (1997):** Effectiveness of datura leaves extracts and their mixtures with malathion against the cowpea beetle (*Callosobruchus maculatus*, F.). Annals of Agric. Sci., Moshtohor, 35(1): 589-604.
- Mohamed, R.A. (1999):** Effectiveness of some plant extracts under modified atmospheres against the cowpea beetle (*Callosobruchus maculatus*, F.). Annals of Agric. Sci., Moshtohor, 37(1): 709-720.
- Mohammed, A.K.H. and Al-Jabery, I.A.R. (1988):** Comparative toxicity of some insecticides in the laboratory to the *Anisopteromalus calandrae* (How). Mesopotamia J. Agric., 20(1): 289-306.
- Mohammed, Ashraf; Bilquis-Fatima; Tabil-Hussain; Ashraf, M.; Fatima, B. and Hussain, T. (1994):**

Effect of rearing media on the progeny production of *Sitotroga cerealella* (Olivi.). Fourteenth Pakistan Congress of Zoology, Held 1-3 April, 1994 at the University of Karachi, Pakistan. Proceedings of Pakistan Congress of Zoology, 14: 371-374.

Mondragon, I. and Almeida, A.A. de (1988): Influence of two temperatures on the development of *Sitotroga cerealella* (Olivi.) (Lepidoptera, Gelechiidae) on stored maize. Anais da Sociedade Entomologica de Brasil, 17(2): 397-407.

Mookherjee, P.B. and Bose, B.N. (1970): Saving stored rice from attacks of insect pests. (R.A.E., 52, pp. 675).

Moustafa, Taheya S. (1977): Biological and ecological studies on the Angoumois grain moth [*S. cerealella* (Olivier)]. Ph.D. Thesis, Economic Entomology, Fac. Agric., Cairo Univ.

Noack, S. and Reichmuth, C.H. (1978): Einrechnerisches verfahren zur Bestimmung von beliebigen dosis werten eines wirkstoffes aus empirisch Dosis-Wirkungs-Datenmitt Biol. Bundesanstalt für Land-Ufozstwirtschaft., Berlin-Dahlen, Heft, 185:1-49.

- Pandey, G.P.; Shanker, S. and Gupta, P.C. (1983):** Efficacy of some organophosphorus insecticides against almond moth *Cadra cautella* (Wler). Bulletin of Grain Technology, 21(2): 115-118.
- Peters, D.C.; Zubur, M.S. and Fergason, V. (1960):** Preliminary evidence of resistance of high amylose corn to the Angoumois grain moth. J. Econ. Entomol., 53(4): 573-574.
- Prakash, A. (1983):** Effectiveness of contact insecticides to *Sitotroga cerealella* (Oliv.) at different levels of relative humidity and temperature. Bull. of Grain Tech., 21(3): 254-256.
- Ramamurthy, R. and Venugopal, M.S. (1997):** Effect of plant products on the incidence of *Sitotroga cerealella* under field condition. Indian J. of Entomology, 59 (1): 8-10.
- Ranganath, H.R. (1993):** Use of Lantana and Mentha leaves against paddy pest moth. J. of the Andaman Sci. Association, 9(1-2): 75-76.
- Rhine, J.J. and Staples, R. (1968):** Effect of high amylose field corn on larval growth and survival of five species of stored grain insects. J. Econ. Entomol., 61(1): 280-282.
- Samuel, C.K. and Chatterjii, S.C. (1953):** Studies on the varietal resistance and susceptibility of "Jowar"

(*Andropogon sorghum*) to storage pests in India. J. Ent., 15(3): 225-239. (R.A.E., 43, pp. 152).

Schiffers, B.C.; Fraselle, T.; Haubruge, E. and Verstraeten, C. (1987): Study of the persistence of effectiveness of some insecticides against three stored products beetles *Acanthoscelides obtectus* Say (Bruchidae), *Trogoderma granarium* Everst (Dermestidae) and *Prostephonus truncatus* (Bostrichidae). Mada de Lingen van de Faculteit. Landbouwwet Ensichappen, Rijksuniversiteit Gent, 52(26): 507-514.

Scott, W.P. and McKibben, G.H. (1978): Toxicity of black pepper extract to boll weevil. J. Econ. Ent., 71(2): 343.

Sharma, P.R.; Thappa, R.K.; Tikka, K.; Chand, D. and Saxena, B.P. (1997): Control of stored-product moths and beetles by sub-optimum temperatures. Tropical Science, 37(1): 28-34.

Shawir, M.; Patourel, G.N.J.; Mostafa, F. I. and Patourel, G.N. (1988): Amorphous silica as an additive to dust formulation of insecticides for stored grain pest control. J. Stored Products Research, 24(3): 123-130.

Shazali, M.E.H. and Smith, R.H. (1985): Life history studies of internally feeding pests of stored

sorghum, *Sitotroga cerealella* (Oliv.) and *Sitophilus oryzae* (L.). J. of Stored Products Research, 21(4): 171-178.

- Shemais, Sawsan A. and Al-Moajel, Nadra H. (2000):** Efficiency and persistence of extracted capparid, *Capparis spinosa* seeds against the rice weevil, *Sitophilus oryzae* L. (Curculionidae : Coleoptera). Egypt. J. Appl. Sci., 15(2): 267-274.
- Simmons, P. and Ellington, G.W. (1924):** U.S. Bur-Ent. Biology of the Angoumois grain moth. Progress Report. J. Econ. Ent., XVII, No., 1: 41-45.
- Simmons, P. and Ellington, G.W. (1933):** The life history of the Angoumois grain moth in Maryland. U.S. Dept. Agric. Tech. Bull., 351.
- Su, H.C.F. (1985):** Laboratory study of effects of *Anethum graveolens* seeds on four species of stored product insects. J. Econmic. Ent., 78(2): 451-453.
- Su, H.C.F. (1989):** Laboratory evaluation of dill seed extract in reducing infection of rice weevil in stored-wheat. J. Ent. Sci., 24: 317-320.
- Su, H.C.F.; Speris, R.D. and Mahany, P.D. (1972):** Citrus oils as protectants of blacklegged peas against cowpea weevil. J. Econ. Entomol., 1, 65: 1433-1436.

- Suchila, M.G.; Reddy, G.P.V. and Murthy, M.M.K. (1989):** Relative efficacy of pyrethroids against rice weevil (*Sitophilus oryzae* L.) infesting stored wheat. Indian J. Plant Protection, 17(2): 243-246.
- Tahir, S.; Anwar, T. and Nagvi, S.N.H. (1992):** Toxicity and residual effects of novel pesticides against rice weevil, *Sitophilus oryzae* L. (Coleoptera : Curculionidae). Pakistan J. Zoology, 24(2):111-114.
- Taylor, W.E. and Vickery (1974):** Insecticidal properties of limonene, a constituent of citrus oil. Chua J. Agric. Sci., 7:61-62.
- Toitil, T.P.S. and Pandey, G.P. (1979):** Insecticidal properties of rhizomes of sweet flag, *Acorus calamus* against rice weevil *Sitophilus oryzae* L. Indian J. Ent., 41(1): 91-94.
- Tsvetkov, D. (1965):** The winter cooling of cereals and of their products as a cheap and effective mean for the control of storehouse pests (in Bulgaria). Rastit. Zasht, 13 stl.: 12-17 (R.A.E., 1967, 55 pp. 175-Abst., 669).
- Verma, S.P.; Singh, B. and Singh, Y.P. (1983):** Studies on the comparative efficacy of certain grain protectants against *S. cerealella* (Oliver). Bull. of Grain Tech., 21(1): 37-42.

- Vukasević, D. (1941):** Contribution a l'étude *S. cerealella* (in Serbian). Arh. Min. Pol'Oprivr, 7(18): 3-49. (c.f. Shenoda, M.G., 1966. M.Sc. Thesis, Fac. Agric., Alex. Univ.
- Warren, L.O. (1956):** Behaviour of Angoumois grain moth on several strains of corn at two moisture levels. J. Econ. Ent., 316-319.
- Warthen, J.D. (1979):** *Azadirachta indica* a source of insect feeding inhibitors and growth regulators. U.S. Dept. Agric. Rev. Man., (ARM. NE 4, 21 pp.).
- Warui, C.M.; Kega, V.M. and Onyango, R. (1990):** Evaluation of an improved pyrethrum formulation in the control of maize pest in Kenya. Pyrethrum Post, 18(1): 15-17.
- Wenholz, H. (1928):** Storage of maize in Coastal Districts. Agric. Goze N.S.W. Sydney, XXXVIII: 255-261.
- White, N.D.G. (1984):** Residual activity of organophosphorus and pyrethroid insecticides applied to wheat stored under simulated western Canadian conditions. Canadian Ent., 116(10): 1403-1410.
- Willcocks, F.C. (1925):** The insect and related pests of Egypt. Vol. II: 385-388.

Zabel, A.; Kostic, M. and Oreskovic, M. (1987): Results of the evaluation of the persistence of action of the preparations Reldan 2E and Actellic 50 EC in the control of the rice weevil (*Sitophilus oryzae* L.). Zastita Bilja, 38(3): 263-271.

Zisman, U.; Carmi, I. and Shaay, A.E. (1986): Non-uniform application of actellic for the control of stored product insects. Institute for Technology and Storage of Agric. Product Progress Report for the Year 1983/84 of the Stored Products Division, 6: 44-61, VIII.

