

## **BIBLIOGRAPHY**

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Acree, F.Jr.; Beroza, M. and Bowman, M.C. (1963) : Codistillation of DDT with water. *J.Agric. Food Chem.* II : 278-280.

Agarwal, S. and Beg, M.U. (1982) : Effect of endosulfan on endogenous IAA cell wall polysaccharide, peroxidase activity and its isoenzyme pattern in germinating C. arietinum seeds. *Indian J. Exp. Biol.*, 20 : 319-23.

Alaciv, M. (1980) : Progress in environmental mutagenesis. Elsevier North-Holland biomedical press New York.

Arnison, P.G. and Boll, W.G. (1976) : The effect of 2,4-D and kinetin on peroxidase activity and isoenzyme pattern in cotyledon cell suspension cultures of bush bean (Phaseolus vulgaris) *Can. J. Bot.*, 54 : 1857-1867.

Arnon, D.I. (1949) : Copper enzymes in isolated chloroplasts. Polyphenol-oxidase in Beta vulgaris. *Plant Physiol.*, 24 : 1-15.

Arya, H.C.; Shekhawat, N.S.; Purohit, S.D. (1981) : Accumulation of aromatic compounds as related to abnormal growth in plants. *J. Ind. Bot. Soc.*, 60 : 247-251.

Attri, B.S. and Rattan Lal (1972) : Residues and residual toxicity of ethyl and methylparathion on cabbage. *Indian J. Ent.*, 34(4) : 335-346.

Bishop, N.J. (1966) : Partial reactions of photosynthesis and photo-reduction. *Ann. Rev. Plant Physiol.*, 17 : 185-208.

Bishop, N.J. (1971) : Photosynthesis : The electron transport system of green plants. *Ann. Rev. Biochem.*, 40 : 197-226.

- Boardman, N.K. (1975) : Trace elements in photosynthesis In : Trace elements in soil-plant-animal systems (Eds.) Egan, D.J.D. and Egan, A.R. Academic Press New York : 199-212.
- Bowman, M.C.; Schlechter, M.S. and Carter, R.L. (1965) : Behaviour of chlorinated insecticides in a broad spectrum of soil types. J.Agric. Food Chem., 13(4) : 360-365.
- Boyce, A.M. (1975) : Historical aspects of insecticide development. In : The future for insecticides needs and prospects (Eds.) Robert M. Metcalf and John J. McKelvey Jr. A Wiley-Interscience publication, John Wiley and Sons. New York/London/Sydney/Toronto.
- Brag, H. (1972) : The influence of potassium on the transpiration rate and stomatal opening in Triticum aestivum and Pisum sativum. Physio. Plant., 26 : 250-257.
- Brown, A.W.A. (1962-63) : Effects of insecticides on wild life. Conservationist, 17 : 8-11.
- Brown, E. and Nishioka, Y.A. (1967) : Pesticide monitoring. Journal, I:38.
- Carson, R. (1962) : Silent Spring, Hamish Hamilton, London.
- Canuti, A.; Bolzoni, G.; Coppiardi, G.; Marchi, A. (1972) : Parathion, Methylparathion, Dieldrin, DDT, Heptachlor, Lindane, Chlordane in fruit and vegetable product. Ind. Aliment, 11(10) : 92-96.
- Casida, J.E. and Lykken, L. (1969) : Mechanism of organic pesticide chemicals in higher plants. Ann. Rev. Plant Physiol., 20 : 607-636.

- Chandra, G.; Shrivastava, R.C.; Mathur, S.N. (1983) : Response of Vigna mungo (L) Hepper to the treatment of malathion and carbendazim and effect on growth, nodulation and yield. Pestology, 7(11) : 22-26.
- Chattopādhyay, S.B. (1980) : Problems of pesticide residue. In : Principles and procedures of plant protection, Oxford and IBH publishing Co. Pvt. Ltd., Delhi : 280-288.
- Cottom, C. (1965) : The ecologist's role on problems of pesticide pollution. Bioscience, 15 : 457-463.
- Das, V.S.R. (1977) : Proc. Symp. on basic sciences and Agric., Indian Natl. Sci. Acad. 160. C.F.Das V.S.R. and Raghavendra A.S. (1982) Stomata : The physiology and biochemistry of their regulation in leaves. Curr. Sci., 51(12) : 586-593.
- Das, V.S.R. and Raghavendra, A.S. (1979) : Outlook Agric. 10:92, C.F. Das, V.S.R. and Raghavendra, A.S. (1982) Stomata : The physiology and biochemistry of their regulation in leaves. Curr. Sci. 51(12): 586-593.
- Das, V.S.R. and Santakumari, M. (1975) : Proc. Indian Acad. Sci. B82:108
- C.F. Das V.S.R. and Raghavendra A.S. (1982) Stomata : The physiology and biochemistry of their regulation in leaves. Curr.Sci. 51(12) : 586-593.
- deKergommeaux, D.J.; Grant W.F. and Sandhu S.S. (1983) : Clastogenic and physiological response of chromosomes to nine pesticides in Vicia faba in vivo root tip assay system. Mutat. Res., 124:69-84.

- Deshpande, A.A. and Swamy, G.S. (1987) : Induction of proline accumulation by methylparathion in sorghum (Sorghum bicolor) Curr.Sci., 56 (20) : 1068-1070.
- Duggan, R.E. and Duggan, M.B. (1974) : Pesticide residues in food. In: Environmental pollution by pesticides (Ed.) Edwards, C.A. Plenum Press London and New York: 334-363.
- Edwards, C.A. (1964) : Factors affecting the persistence of insecticides in soil. Soil and Fert., 27 : 451-454.
- Farkas, G.L. and Kiraly, Z. (1958) : Enzymological aspects of plant diseases I. oxidative enzymes. Phytopathol Z., 31 : 251-272.
- Finlayson, D.G. and MacCarthy, H.R. (1973) : Pesticide residues in plants. In : Environmental pollution by pesticides (Ed.) Edwards, C.A., Plenum Press, New York : 57-86.
- Fisher, R.A. and Hsiao, T.C. (1968) : Stomatal opening in isolated epidermal strips of Vicia faba II. Response to KCl concentration and the role of  $K^+$  absorption. Plant Physiol., 43 : 1953-1958.
- Folin, O. and Denis, W. (1915) : A colorimetric method for the determination of phenols (and phenol derivatives) in urine. J. Biol. Chem., 22 : 305-308.
- Gangawane, L.V. and Deshpande, J. (1985) : Pesticides of crop plants in India, Sahayog Publishers, Aurangabad.
- Garg, P.K.; Pande, S.Y.; and Sivasankaran, K. (1985) : Carbaryl residues in/on fruit crops - A review of work done in Indian. Pestology, Vol. IX, No. 6, (June 85) : 21-26.

Garg, P.K.; Pande, S.Y. and Sivasankaran, K. (1985a) : Carbaryl residues in/on vegetable crops - A review of work done in India. Pestology IX (11), Nov. 1985 : 22-36

Garg, P.K., Pande, S.Y. and Sivasankaran, K. (1986) : Carbaryl residues in/on field crops - A review of work done in India. Pestology, X (5), May 1986 : 19-34.

Gawaad, A.A.A.; Gayar, F.H. and Khadr (1972) : Effect of some soil insecticides on germination, growth, dry weight, yield and quality of menafi cotton (G. barbedans L.) Ind. J. Agric. Sci., 42(12) : 1075-1083.

Georgian, L. (1975) : The comparative cytogenetic effects of aldrin and phosphamidon. Mutat. Res., 31 : 103-113.

Gish, C.D. (1970) : Organochlorine insecticide residues in soils and soil vertebrates from agricultural lands. Pesticide monitoring Journal, 3 (4) March 1970.

Gopalkrishnan, K. and Kavi, A. (1984) : Gassid, The Week, 2(52) : 14-21.

Goud, K.B.; Kulkarni, K.A. and Thontadarya, T.S. (1981) Residues of insecticides in safflower seeds. Pesticides, vol. XV (2), March 81 : 12-13.

Grant, W.F. (1970) : Pesticides and heredity. Mac Donald J., 31:211-214.

Grant, W.F. (1971) : The case of mutagenic testing of chemical pollutants Can. Field Nat., 85 : 203-204.

- Green, M.B.; Hartley, G.S. and West, T.F. (1987) : Safety of pesticides.  
 In : Chemicals for crop improvement and pest management,  
 Pergamon Press Oxford.
- Grover, I.S. and Dhingra, A.K. (1987) : Studies on MNNG induced chromosomal aberrations in Allium cepa L. Acta Botanica Indica. 15 : 33-39.
- Grover, I.S.; Dhingra, A.K.; Adhikari, N. and Ladhar, S.S. (1987) : Genotoxic effects of pesticides. The nucleus. 30(3) : 158-170.
- Grover, I.S. and Ladhar, S.S. (1987) : Selective genotoxic behaviour of fernozone in two mutagen test systems. J. Plant Sci. Res. 3 : 105-110.
- Grover, I.S. and Malhi, P.K. (1988) : Genotoxic effects of some organophosphorus insecticides III. In vivo chromosomal aberration bioassay in root meristems of Allium and Hordeum. Cytologia, 53:181-191.
- Gruzdyev, G.S.; Zinchenko, V.A.; Kalinin, V.A. and Slovtsov, R.I. (1983):  
 The chemical protection of plants MIR Publishers Moscow.
- Gupta, R.C.; Beg, M.U. and Chandel, P.S. (1983) : Effect of endosulfan on the seed germination and seedling growth of V. radiata (Linn.) Willezeck and T. vulgare (Linn.) Pestology, 7(3) : 25-28.
- Gupta, D.S. and Kapoor, T.R. (1972) : Dissipation of malathion on cauliflower. Indian J. Ent., 34 (1) : 52-56.
- Gupta, A. and Singh, V. (1988) : Residues of quinalphas on okra (A. esculentus) Moench. Pesticides, March 1988 : 13-14.
- Halvankar, G.B. and Patil, V.P. (1987) : Effect of agrochemicals on meiotic chromosome behaviour in tetraloid and hexaploid wheats. Biovigyanum, 13 (1) : 5-12.

Holden, A.V. (1965) : Annals of applied biology, 55 : 332 C.F.Singh, S.A. (1981) : Pesticide Pollution : An Analysis of the problem, Pesticides, June 1981 : 3-12.

Humble, G.D. and Hsiao, T.C. (1969) : Light dependent influx and efflux of guard cell potassium during stomatal opening and closing. Plant Physiol., Suppl. 44, Nr. 97 : 21.

Humble, G.D. and Raschke, K. (1971) : Stomatal opening quantitatively related to potassium transport. Plant Physiol., 48 : 447-453.

Hunt, E.G. (1964) : Pesticide residue studies. Feb. Aid Proj. FW-I-R-I, Job Compl. Rep. WP-I, J-2, 12.

Hussey, N.W. and Scopes, N. (1985) : Biological pest control, Balnford Press, Poole, Dorset, : 8-10.

Jaiprakash and Singh, H. (1984) : Effect of isoproturon on germination and early seedling growth of wild canary grass under varying levels of salinity. Indian J. Plant Physiol., 27(2) : 206-208.

Jarvis, P.G. (1971) : The estimation of resistance of carbondioxide transfer. In : Plant Photosynthetic production. Manual of Methods. (Eds.) Z. Sestak, J. Catsky and P.G. Jarvis, Dr. W. Junk Pb. The Hague : 566-631.

Johnels, A.G.; Westermark, T.; Berg, W.; Person, P.I. and Sjostrand, B. (1967) Oikos 18 : 323 C.F. Singh, S.A. (1981) : Pesticide Pollution: An analysis of the problem. Pesticides, XV (6), June 81 : 3-12.

Karadge, B.A. and Karne, A.V. (1985) : Influence of systemic fungicides bavistin and calixin on L. esculentum Mill. Leaves. Biovigyanam, 11 (2) : 166-168.

Kaur, P. and Grover, I.S. (1985) : Cytological effects of some organo-phosphorus pesticides II. Meiotic effects, *Cytologia*, 50 : 199-211.

Kawamura Yoko; Mitsuhashi Takeda; Mitsuru Uchiyama and Yukio Saito (1986) : Survey of organophosphorus pesticide residues in vegetables and fruits : *Bull Natl. Inst. Hyg.Sci. (Tokyo)*, 0 (104) : 147-151.

Kirkby, E.A. and Mengel, K. (1967) : Ionic balance in different tissues of the tomato plants in relation to nitrate, urea or ammonium nutrition. *Plant Physiol.*, 42 : 6-14.

Krishnamurthy, P. and Rao, D. (1980) : Effect of two fungicides on the germination and growth in Brassica nigra Koch. *Geobios*, 7:160-161

Krishnamurthy, P. and Rao, D. (1980a) : Effect of sumithion on leaf variations in P. vulgaris L. *Geobios*, 7 : 35-36.

Kuem, S.S.; Hong, Y.C.; Lee, K.S. (1976) : Studies on the safe use of pesticides. Disappearance of EPN, malathion and diazinon residues in/on tomato and egg plant Nongsa Sihom Yongu Pogo, 18 : 47-51.

Kurinnyi, A.I. (1975) : Comparative investigation of cytogenetic effect of certain organophosphorus pesticides (Russian). *Genetica*, 11:64-69.

Lalitha, P.; Krishnamoorthy, P.N.; Kumar, K.K. and Prasad, V.G. (1984): Residues of endosulfan in tomato and brinjal. *Pesticides XVIII* (4): 19-20.

Lauchli, A. and Pfluger, R. (1978) : Potassium transport through plant cell membranes and metabolic role of potassium in plants. In : Potassium research- Review and Trends : 11-163. 11th Cong.Int. Potash Inst. Bwern (Swit.)

- Lichtenstein, E.P.; Schulz, K.R.; Skrentny, R.F. and Tsukano, Y. (1966): Arch. Envi. Health. 12 : 199 C.F. Singh, S.A. (1981) : Pesticide pollution : An analysis of the problem. Pesticides XV (6) : 3-12.
- Mann, S.K. (1977) : Cytological and genetical effects of dithane fungicide on A. cepa. Environ. and Expt. Bot. 17(1) : 7-12.
- Manoharan, T., Thirunavukkarasu, D.; Karunagaran and K.R.Natarajan (1981) : Effects of fluchloralin on the metabolism of cowpea (Vigna unguiculata L.) Seedlings. Indian J. Expt. Biol., 19:943-947.
- Manzoor, Virk A., Manzoor Ahmad (1975) : Residual analysis of methyl-parathion on some vegetables. Nucleus (Karachi), 12 (3-4): 47-49.
- Martin, J.P.; Baines, R.C. and Page, A.L. (1963) : Observations on the occasional temporary growth inhibition of citrus seedlings following heat or fumigation treatment of soil. Soil Science, 95 : 175-185.
- Mayer, P. (1959) : 4500 Jahre Pflanzenschutz 4,500 years of plant protection) Stuttgart : Ulmer 1959, C.F. Insecticides from the vegetable Kingdom by Frankbey (1978) Published in Plant Research and Development, 7 : 13-31.
- Mengel, K. and Kirkby, E.A. (1982) : Principles of plant nutrition, Published by International Potash Institute, Bern, Switzerland.
- Metacalf, R.L. (1986) : The ecology of insecticides and the chemical control of insects. In : Ecological theory and integrated pest management practice (Ed.) Kogan, A., Wiley Interscience Publication, John Wiley and Sons, New York : 251-299.

- Mishra, P.N. and Saxena, H.P. (1985) : Dissipation of quinalphos in pigeon pea, Cajanus cajan var. Prabhat Pesticides, XIX (5) : 26-27.
- Mishra, G.M. and Sinha, S.P. (1979) : Effects of malathion on mitotically dividing onion root tip cells. Indian J. Expt. Biol., 17 : 716-717.
- Mrak, E. (1969) : Reports of secretary's commissions on pesticides and their relationship to environmental health, Part II. Dec.1969. Dept. Health Edu. and Welfare USGPO, Washington D.C.
- Muir, D.C.G. and Baker, B.E. (1973) : Pesticide residues in soil and food-stuff. I. Chlorinated pesticides in cattlefeed and milk produced in orchard and nonorchard areas. Pesticide Science, 4 : 113-119.
- Mumford, F.E.; Stark, H.M. and Smith, D.H. (1962) : A naturally occurring cofactor for IAA oxidase. Plant Physiol. 37, XIV.
- Nelson, M. (1944) : A photometric adaptation of the Somogyi method for the determination of glucose. J. Biol. Chem., 153 : 375-380.
- Parthasarathi, K.; Babu, O.R.C. and Rao, P.S. (1970) : Studies on sandal spike VIII. Polyphenolase activity and metabolism of sandal (S. album L.) in health and disease. Proc. Indian Acad. Sci., 72B : 177-284.
- Pathak, B.K. and Mukherjee, S. (1986) : Sevin induced stimulation of growth and metabolism of mung bean (Vigna radiata) seedlings. Curr. Sci. 55 (17) : 866-67.
- Patil, N.G. and Dethe, M.D. (1984) : Residues of monocrotophos and phosphamidon in green chillies. Pesticides XVIII (11), Nov.1984.

- Patil, T.M. (1980) : Phospholipid composition of Parthenium hysterophorus  
Linn. Geobios, 7 : 172-173.
- Patil, T.M. and Hegde, B.A. (1983) : Influence of water stress on relative  
rate of photosynthesis and translocation of photosynthate in the  
leaves of P. hysterophorus L. Indian Bot. Repr. 2(1) : 9-12.
- Patil, T.M. and Hegde, B.A. (1986) : Effect of paraquat and diquat on  
water relation and carboxylation mechanism in P. hysterophorus L.  
Natl. Sem. Plant Physiol. Biochem. for Young Scientists, NBRI  
Lucknow, Abs. (1986).
- Prur, N.G.; Smith, R.L.; Wieb, H.H. (1961) : Effect of iron chlorosis on  
protein fractions of corn leaf tissue. Plant Physiol., 36 : 736-739.
- Phadnaik, B.S. and Joshirao, M.K. (1989) : Residue content of endosulfan  
in/on some fruits and vegetables and its dissipation pattern. Proc.  
76th session of ISCA (Madurai) Abs.No. 201.
- Philomena, P.A. and David, B.V. (1985) : Effect of pesticides on in vitro  
pollen germination and growth and yield of okra. Curr. Sci.,  
54 (18) : 927.
- Possingham, J.V. (1956) : Mineral nutrition and aminoacid in tomato.  
Aust. J. Biol. Sci., 9 : 539-551.
- Prasad, B.N. and Mathur, S.N. (1983) : Effect of metasystox and cuman-L  
on seed germination, reducing sugar content and amylase activity  
in Vigna mungo (L.) Hopper. Indian J. Plant Physiol., 26(2) :  
209-213.

- Prasad, B.N.; Srivastava, R.C.; Mukherjee, D.; Mathur, S.N. (1980) : Effect of cuman-L and metasystox on in vivo nitrate reductase activity in the primary leaves of Vigna mungo. Natl. Acad. Sci. Lett., 3 : 325-327.
- Prasad, P.R. and Ramasubbaiah, K. (1982) : Persistence of phosphamidon in bhendi crop. Pesticides, June 1982 : 25-26.
- Prasad, S.M. and Sahambi, H.S. (1980) : Biochemical changes brought about by sesamum phylloidy. Indian Phytopath. 33(4) : 617-618.
- Price, C.A.; Clark, H.E.; Funkhouser, H.E. (1972) : Functions of micro-nutrients in plants. In : Micronutrients in agriculture. Soil Sci. Soc. of America, Madison/Wisconsin : 731-742.
- Puchkova, I.I. (1965) : The effect of organophosphorus insecticides on carbohydrate metabolism in pine needles. Chem. U. Sel'sk Khoz, 3 : 34-37.
- Rahman, M.S. and Bhattacharya, G.N. (1985) : Comparative cytological effects of sevin on vegetatively and sexually reproducing plants A. cepa L. and Lathyrus sativus L., Geobios. 12(6) : 257-258.
- Rajukkannu, K. and Balasubramanian, M. (1982) : Insecticide residues in black gram. Pestology, VI (5) : 17-18.
- Rajukkannu, K.; Balasundaram, C.S.; Lakshminarasimhan, C.R. and Saivaraj, K. (1984) : Residues of quinalphos, phosalone and malathion in certain high yielding varieties of rice. Pestology, VIII (3) : 19-20.
- Rajukkannu, K.; Raj,R.Raju; Ali,K. Asaf and Krishnamurthy, K.K. (1976): Residues of endrin, parathion, carbaryl and endosulfan in vegetables. Pesticides, 10(12) : 19-20.

- Rajukkannu, K.; Saivaraj, K.; Vasudevan, P.; Balasubramanian, M. (1978) : Residues of methylparathion, quinalphos, phosalone and fenitrothion in/on okra. Curr. Sci. 47 (20) : 782-783.
- Ramchandran, C.K. (1969) : Hazards in formulation of plant protection materials. Pesticides. 3(1) : 14-16.
- Ramasubbaiah, K. and Rattan Lal (1974) : Studies on residues of phosphamidon in okra crop. Indian J. Ento. 36(4) : 344-351.
- Rangaswamy, G. (1976) : Presidential address on the occasion of the inauguration of symposium on Plant Protection Research and Development at the Tamil Nadu Agricultural University, Coimbatore. Pesticides, 10(3) : 55-62.
- Rao, B.N.; Ramasubbaiah, K.; Murthy, K.S.R.K. (1986) : Dissipation of monocrotophos and carbaryl in tomato. Pestology, X (9) : 13-17.
- Rao, B.N.; Ramasubbaiah, K.; Murthy, K.S.R.K. (1986) : Dissipation of phosalone and quinalphos in tomato. Pesticides. XX (6) : 25-28.
- Rao, I.M.; Swamy, P.M. and Das, V.S.R. (1977) : The reversal of scototactive stomatal behaviour in some woody weeds by paraquat and 2,4,5-T. Weed Sci., 25 : 469-472.
- Rasmussen (1967) C.F. Epstein, E. (1971) Mineral nutrition of plants : Principles and perspectives. John Wiley and Sons., Inc. New York, pp. 285 - 322.
- Reddy, J.K. and Vidyavati (1983) : Effect of a fungicide on the growth and seedling metabolism of Dolichos biflorus L. Geobios, 10(4) : 174-178.

- Sachan, J.N.; Verma, J.K. and Shrivastava, B.P. (1967) : Effect of the application of soil insecticides on the germination and growth of wheat. Indian J. Ento., 29 : 185.
- Santakumari, M.; Reddy, C.S. and Das, V.S.R. (1977) : Proc. Indian Acad. Sci. B86, 143. C.F. Das, V.S.R. and Raghavendra, A.S. (1982) : Stomata : The physiology and biochemistry of their regulation in leaves . Curr. Sci. 51 (12) : 586-593.
- Sass, J.E. (1937) : Histological and cytological studies of ethyl mercury phosphate to corn seedlings. Phytopath., 27 : 95-99.
- Sawamura, S. (1965) : Cytological studies on the effect of herbicides on plant cells in vivo II non harmonic herbicides. Cytologia, 30 : 325-348.
- Sharma, C.B.S.R. (1986) : Pesticide genotoxicity in plants : Implication and perspectives. In : Mutagenesis basic and applied. (Ed.) Prasad, A.B., Print House India (Lucknow) : 237-251.
- Sharma, P.B. and Chopra, S.L. (1970) : Persistence of malathion residue on cauliflower crop. J. Res. Punjab Agric. Univ., 7 : 216-220.
- Sherma, J. (1980) : Quantitative Thin-Layer chromatography (TLC) In : Analytical methods for pesticides and plant growth regulators (Ed. G.Zweig). Academic Press New York : 79-122.
- Shinde, S.K. (1979) : Pesticides, 13(3) : 50. C.F. Nandakumar (1982) : DST report (Ed.) Swamy, K.S., S.V.University, Tirupati.

Shirashyad, V.S. (1988) : Physiological and cytological effect of pesticides on germination and growth in some vegetables. M. Phil. Thesis, Shivaji University, Kolhapur.

Shrista, A.M. and Kale, V.V. (1970) : Effect of fungicidal treatment on germination and seedling vigour of chickpea (Cicer arietinum). J. Tropical Grain Legume Bulletin 16 : 29-32.

Shrivastava, A.S.; Singh, S.P.; Srivastava, M.K. (1973) : Deterioration of malathion residue on brinjal leaves. Labdev, Part B, 10(3-4) : 160-162.

Singh, S.A. (1981) : Pesticide Pollution : An analysis of problem. Pesticides, XV (6) : 3-9.

Singh, B.D.; Singh, R.B.; Singh, R.M.; Singh, Y. and Singh, J. (1979) : Effect of insecticides on germination, early growth and cytogenetic behaviour of barley (Hordeum vulgare) Environ. and Expt. Bot., 19 : 127-132.

Sivasankaran, K.; Galhotra, R.; Garg, P.K.; Halve, A.K.; Singh, S.; Pandey, S.Y. (1985) : Carbaryl residues in/on moong, urd and cowpea at harvest. Pestology X (5) : 24-26.

Somashekhar, R.K. and Sreenath, K.P. (1986) : Effect of carbamate pesticide - dithane M-45 on crop plants. Pesticide, 20(4) : 44-45.

Sosamma, J. and Verma, S. (1985) : Persistence of malathion on okra. Indian J. Agric. Sci., 54(11) : 993-996.

Srinivasan, N. (1983) : Accumulation of phenolics in leaves of areca palm affected with yellow leaf disease. Indian Phytopath., 36(1):154-155.

- Stoker, R.I. (1948) : Phytotoxicity of DDT and benzenehexachloride.  
Ann. Appl. Biol. 35 : 110.
- Tatekar, N.S.; Sun, L.T., Lee, E.M.; Chen, J.H.; Lee, T.M.; Lu, S. (1977):  
Residual behaviour of several insecticides of chinese cabbage.  
J. Econ. Entomol., 70 : 689-694.
- Taylor, D.M.; Morgan, P.W.; Joham, H.E. and Amin, J.V. (1968) : Influence  
of substrate and tissue manganese on IAA oxidase system in  
cotton. Plant Physiol., 43 : 243-247.
- Tewari, S.N. and Harpalani, S.P. (1977) : J. Chromatogr., 130 : 229.  
C.F. Sherma J. (1980): Quantitative thin layer chromatography  
(TLC) In : Analytical methods for pesticides and plant growth  
regulators (Ed. G.Zweig). Academic Press New York : 79-122.
- Thompson, A.R.; Edwards, C.A.; Edwards, M.J. and Beyon, K.I. (1970) :  
Movement of dieldrin through soils.II. In sloping troughs and soil  
columns. Pesticide Science I (9) : 174-178.
- Toth, S.J.; Prince, A.L.; Wallace, A. and Mikkelsen, D.S. (1948) : Rapid  
qualitative determination of eight mineral elements in plant tissue  
by systemic procedure involving use of a flame photometer.  
Soil Sci. 66 : 459-466.
- Tripathi, H.C. (1966) : Organochlorine insecticide residues in agriculture  
and animal products in Tarai area. M.Sc. Thesis, U.P.Agric.Univ.  
Pantnagar.
- Tsui, C. (1948) : Role of zinc in auxin synthesis in tomato plant. Amer.  
J. Bot., 35 : 172-179.

- Venkatasubbaiah, P. and Safeeulla (1987) : Effect of fungicidal treatment on coffee seed germination. *Pesticides*, 21 (3) : 35-36.
- Visweswaraiyah, K.; Jayaram, M. and Majumdar, S.K. (1975) : Environmental pollution by pesticides. *J. Food Sci. Technol.*, 12 : 53-55.
- Wang, D. (1961) : The nature of starch accumulation at the rust infection site in the leaves of pinto bean plants. *Can. J. Bot.*, 39 : 1595-1608.
- Wasserman, M.; Gon, M.; Wasserman, D. and Zellermayer, L. (1967) : Pest Monit. J., 1 (15) C.F. Davies, J.E. : Pesticide residues in man In : Environmental pollution by pesticides (Ed.) Edwards, C.A. Plenum Press London and New York : 313-333.
- Wood, L. David; Robert, M.; Silverstein and Minoru Nakajima (1969) : Pest Control. Science, 164 (3876) : 203-210.
- Wurster, S.F.Jr. (1968) : DDT reduces photosynthesis by marine phytoplankton. *Science*, 159 : 1474 : 1475.