

REFERENCES

- Adetumbi, M.,G.T. Jovor and B.H.S. Lau. 1986. *Allium sativum* (Garlic) inhibits lipid biosynthesis by *Candida albicans*. *Antimicrobial Agent Chemotherapy*, 30 : 499 – 513.
- Akamine, E.K.and T. Goo, 1973. Respiration and ethylene production during ontogeny of fruit. *Journal of the American Society for Horticultural Science*, 98 , 381 – 383
- Alston, R. E. 1964. Biochemistry Compounds Acdademic Press, London, 274 p.
- American Phytopathological Society Committee on Standardization of Fungicidal Tests. 1943. The slide germination method of evaluating protectant fungicides. *Phytopathology*, 33:627-632.
- Ames, B.N. and L.S. Gold. 1990. Chemical carcinogenesis: too many rodents carcinogens. *Proceeding Natural Academic Sciences, U.S.A.* , 87: 7772.
- Ames, B.N., M. Profet and L.S. gold. 1990a. Dietary pesticides (99.99% all natural). *Proceeding Natural Academic Sciences, U.S.A.* , 87:7777.
- Ames, B.N., M. Profet and L.S. Gold. 1990b. Nature's chemical and cancer risk. *Proceeding Natural Academic Science, U.S.A.*, 7782.
- Anen., McCutcheon's Emulsifiers and Detergents, Vol. 1 MC Publishing Co., Glen Rock, New Jersy, 229 p.
- Bailey, J. A. and J.W. Mansfield 1982. *Phytoalexins*, Blacking, Glasgow, 287 p.
- Bailey, J.A. and M.J. Jeger. 1992. *Colletotrichum*, Biology, Pathology and Control. C.A.B. International Walling Ford, 388 p.
- Bajaj, Y.P.S. 1996. Medicinal and Aromatic Plants, Volume 9, Springer, Berlin, 371p.
- Baker , I.W. 1984. Mango maturity investigations. Pro - ceedings of the First Australian Mango Workshop, pp. 271 – 273.
- Baldwin, B.C. 1984. Potential targets for the selective inhibition of fungal growth. pp 43 – 163, In A.P.J. Trinci and J.F. Rylay (eds.) Cambridge University Press, Cambridge.
- Baldwin, B.C. and W.G. Rathmell. 1988. Evolution of concept for chemical control of plant disease. *Annual Review Phytopathology*, 26 : 265 – 311.

- Bandyopadhyay , C. and A.S. Gholap, 1973. Relationship of aroma and flavour characteristics of mango (*Mangifera indica L.*) to fatty acid composition. Journal of the Science of Food and Agriculture, 254: 1497 –1503.
- Bandyopadhyay, C. and A.S. Gholap. 1973b. Relationship of aroma and flavour characteristics of mango (*Mangifera indica L.*) to fatty acid composition. Journal of the Science of Food and Agriculture. 254: 1497 – 1503.
- Bandyopadhyay, C. and Gholap , A.S. 1973. changes in fatty acids in ripening mango pulp (variety Alphonso). Journal of Agricultural and Food Chemistry , 21: 496 – 497.
- Bandyopadhyay, C., A.S. Gholp and V.R. Mamdapur, 1985. Characterization of alkenyl resorcinol in mango (*Mangifera indica*) latex. Journal of Agricultural and Food Chemistry , 33: 377 – 379.
- Banhorpe, D.V., J.T. Brown and G.S. Morris. 1990. Accumulation of the antifungal diterpene sclarol by cell cultures of *Satvia sclarea* and *Nicotiana glutinosa*. Phytochemistry, 29: 2121-2145.
- Baqui , S.M., A.K.Mattoo , and V.V. Modi, 1977. Glyoxylate metabolism and fatty acid oxidation in mango fruit during ripening. Phytochemistry, 13: 2049 – 2055.
- Baqui, S.M., A.K. Mattoo, and V.V. Modi, 1974. Mitochondrial enzymes in mango fruit during ripenig. Phytochemistry, 13: 2049 – 2055.
- Barton, A.F.M. 1983. CRC Handbook of solubility Parameters and Other Cohesion Parameters. CRC Press Inc. Boca Raton, Florida, 349p.
- Barug D., R.A. Samson and A. Kerkenaar. 1983. Microscopic studies of *Candida albicans* and *Torulopsis glabrata* after *in vitro* treatment with bifonazole. Light and scanning electron microscopy. Drug Rescarch 33: 528- 537.
- Bate-Smith, E.C. and R.G. Westall, 1956. Biochim. Biophys. Acta, 4, 427.
- Bauer, H. and J. Schonherr.1992. Determiniation of mobilities of organic compounds in plant cuticles and correlation with molar volumes. Pesticide Science, 35: 1-28.
- Beautement, K., J.M. Clough, P.J. de Fraine and C.R.A. Godfrey. 1991. Fungicidal β -methoxyacrylates: from natural products to novel synthetic agricultural fungicide. Pesticide Science, 31:478-499.

- Becher, D.Z. 1992. Pesticide compatibility, pp. 121-148. In L.E. Bode and D.G. Chasin. (eds) Pesticide Formulations and Application Systems. Vol. 11, ASTM STP 1112, American Society for Testing and Materials, Philadelphia.
- Becher, D.Z. 1995. Formulation test methods and statistical experimental design, pp. 19-38. In. F.R. Hall, P.D. Berger and H.M. Collins (eds), Pesticide Formulations and Application Systems. Vol. 14, ASTM STP 1234, American Society for Testing and Materials, Philadelphia.
- Becker, W.F., G. van Jagow, T. Anke and W. Steglich. 1981. Oudemansin, strobilurin A, strobilurin B and myxothiazol: new inhibitors of the bc 1 segment of the respiratory chain with an E- β -methoxyacrylate system as common structural element. FEBS Lett., 13:301-329.
- Berg, D., K.H. Buchel, W. Kramer, M. Plempel and H. Scheinpflug. 1988. Mechanistic studies as a tool for the development of new compounds. pp. 101 – 187, In D. Berg and M. Plempel (eds), Sterol Biosynthesis Inhibitors – Pharma cuetical and Agricultural Aspects. Ellis Horwood, Chichester.
- Bhasabuttra, T. 1997. The Effects of Some Extracts on Mango Anthracnose Fungus *Colletotrichum gloeosporioides* (Penz.) Sacc. MS thesis graduate school Kasetsart university, Bangkok 85 p.
- Bobbit, J. M. 1963. Thin Layer Chromatography, Reinhold Pub. Co., New York. 386 p.
- Boonyaleiat, D. 1996. Postharvest Physiology of Horticulture Crops. Department of Harticulture, Faculty of Kasetsart, Chiang Mai University, Chiang Mai, 225p.
- Bowers, W.S., H.C. Hoch, P. H. Evans and M. Katakana, 1986. Thallophytic allelopathy: Isolation and identification of laetisaric acid. Science, 232:91-105.
- Boyston, R., J.D. Paxton and D.E. Koeppe. 1983. Glyceolling: a site-specific inhibitor of electrontransport in isolated soybean mitochondria. Plant Physiology, 73:122-151.
- Brambl, R., and W. Gade. 1985. Plant seed lectins disturbed growth of germinating fungal spores,. Physiol. Plant. 64: 402 – 408.
- Brent, K.J. 1983. Biochemical plant pathology and plant disease control. pp 123 – 201, In J.A. Callow (ed.) Biochemical Plant Pathology. John Wiley Sons, Chichester

- Brinson, K., P.M. Dey, M.A. John and J.B. Pridham. 1988. Post harvest changes in *Mangifera indica* mesocarp cell wall and cytoplasmic polysaccharides. *Phytochemistry*, 27 : 719 – 723.
- Brodrick, H.T. 1978. Method, for control of Anthrahose and other disease of mango. pp. 80 – 81, *In. E.I. Zehr, (eds) George W. Bird, kenneth D. Fisher, kemeth D. Hickay, Fred H. Lewis, Roland F. Line and Samcel F. Rickard (eds), Mexthods for Evaluating Plant Fungicides, Nematicides and Bactercides The American Phytopathological Society, Minnesota.*
- Buckingham, J. 1994. Dictionary of Natural Products, Chapman and hall, London. 711 p.
- Burchfield, H.P. and E.E. Storrs. 1962. Biochemical Application of Gas Chromatography, Academic Press, New York. 215 p.
- Burg , S.P. and E.A. Burg. 1962. Role of ethylene in fruit ripenig. *Plant Physiology* , 37 : 179 – 189.
- Callow, J.A. 1997. Recognition, resistance, and the role of plant lectins in host – parasite interactions. *Advances of Botanical Research*, 4: 1 – 44.
- Catanach, J.S. and S.W. Hampton. 1992. Solvent and surfactant influence on flash points of pesticide formulations, pp 149-176. *In L.E. Bode and D.G. Chasin (eds.) Pesticide Formulations and Application Systems. Vol 11, ASTM STP 1112, American Society for Testing and Materials, Philadelphia.*
- Chaiyasombat, A. 1987. Postharvest Disease of Mango Caused by *Colletotrichum gloeosporioides* (Penz.) Sacc. And Control. MS thesis of Plant pathology, Department of Graduate school, Kasetsart University, Bangkok, 126p>
- Chaiyavanna T. 1993. The Physiochemical change between ripening state of Mango variety Kiew – Sayoay, Nang Krang Wan and Rad. MS thesis of Biological scienec Faculty of Graduate school Chiang Mai University, Chiang Mai ,104 p.
- Chalernpanit, S. 1990. Determination of Plant extracts Affected Growth of Anthrachose Disease Pathogen of mango. Special Problem, Department of Plant Pathology Kasetsart University, Bangkok, 59p.

- Chantippayutta, C., M. Harntrakul, K. poonsuk S. Rengsamran, S. Pengpricha and A. Petsom. 1994. Herbs and Spices No. 03. The database for Research of Herbs and Spices Studies Chulalongkorn University, Bangkok. 159p.
- Chaplin, G.R. S.C. Lai and M.J. Buckley. 1990. Differential softening and physico – chemical changes in the mesocarp of ripening mango fruit. *Acta Horticulturae*, 269 : 169 – 179.
- Chaudhary, M.T. 1950. Carotenoid pigments of different varieties of mangoes : Changes during ripening. *Journal of the Science of Food and Agriculture*, 1: 173 – 177.
- Clemon, G.P. and H.D. Sisler. 1971. Localization of the site of action of a fungitoxic benomyl derivitive. *Pesticide Biochemical Physiology*, 1 : 32 – 88.
- Collins, H.M. and L.A. Munie. 1992. Improvements in dry flowable tank mix compatibility, pp. 134-161. In E.L. Bode and D.G. Chasin (eds.), *Pesticide Formulations and Application Systems*, Vol. 11, ASTM STP 1112, American Society of Testing and Materials, Philadelphia.
- Cross, A.D. and R.A. Jones. 1969. An Introduction to Practical IR Spectroscopy, 3rd edn, Butterworths, London, 132 p.
- Cua, A.U. and M.C.C. Lizada. 1989. Ethylene production on the “Carabao” mango (*Mangifera indica* L.) fruit during maturation and ripening. *Symposium on Tropical Fruit in International Trade*, Honolulu , Hawaii, 176 p.
- Cua, A.U. and M.C.C. Lizada. 1990. Ethylene production in the “Carabao” mango (*Mangifera indica* L.) fruit during maturation and ripening. *Acta Horticulturae* , 269 , 169 – 179.
- Culberson, C.F. 1969. Chemical and Botanical Guide to Lichen Products, North Carolina University Press, Chapel Hill, North Carolina, 213p.
- Dahmen, H., H.C. Hoch and T. Staub. 1988. Differential effects of sterol inhibitions on growth, cellmembrane permeability, and ultrastructure of two target fungi. *Phytopathology*, 78: 1033-1042.
- Dahmen, H., H.C. Hoch and T. Staub. 1998. Differential effects of sterol inhibitors on growth, cell membrane permeability, and ultrastructure of two target fungi. *Phytopathology*, 78: 1033-1042.

- Davidse, L.C., A. Hofman and G.C.M. Velthuis. 1983. Specific interference of metalaxyl with endogenous RNA polymerase activity in isolate nuclei from *Phytophthora megasperma* f.sp. *medicaginis*. Experimental Mycology 7 : 344 – 386.
- Dearden, J.C. 1989. Quantitative structure – activity studies of enzyme inhibition, pp 120 – 174. In M. Sandler and H.J. Smith (eds.), Design of Enzyme Inhibitors as Drugs, Oxford University Press, Oxford.
- Defago, G. and H. Kern. 1983. Induction of *Fusarium solani* mutants insensitive to tomatine, their pathogenicity and aggressiveness to tomato fruits and pea plants. Physiological Plant pathology, 22: 12-29.
- Defago, G., H. Kern, and L. Sedlar. 1983. Genetic analysis to tomatine insensitivity, sterol content and pathogenicity for green tomato fruit in mutants and pathogenicity for green tomato fruit in mutants of *Fusarium solani*. Physiological Plant Pathology 22: 30-39.
- Del Mundo, C.R., M.C.C. Lizada, D.B.Jr. Mendoza and N.L. Garcia. 1984a. Indices for harvest maturity in “Carabao” mangoes. Postharvest Research Notes, 1:13 –14.
- Del Mundo, C.R., D.B.Jr. Mendoza and M.C.C. Lizada. 1984b. Preharvest treatment of “Carabao” mangoes with ethephon. Postharvest Research Notes, 1:13 –14.
- Department of Agricultural Economics. 2002. Progressive Annual Report of Thai mango for export. The Agricultural Economic Bulletin 2002 Year, 121p.
- Derome, A.E. 1986. Modern NMR Techniques for Chemistry Research, Pergramon Press, Oxford. 215 p.
- Deverall, B.J. 1976. Current perspectives in research on phytoalexins, pp. 207-223. In J. Friend and D.R. Threlfall (eds.) Biochemical Aspects of Plant-Parasite Relationships, Academic Press, London.
- Dey, P.M. and J.B. Harborne. 1989-1997. Methodes in Plant Biochemistry, in 10 volumes, Academic Press, London. 639 p.
- Dhingra, O.D. and B. Sinclair. 1986. Basic Plant Pathology Methods. LRC. Press Inc., Florida. 355 p.
- Dimond, A.E., J.G. Horsfall, J.W. Henberger and E.M. Stoddard. 1941. Role of the dosage response curve in the evaluation of Fungicides. Cohn. Agr. Exp. Sta; New Haven Bull. pp. 451–667.

- Dubery, I.A., L.V. Van Rensburg, and J.C. Schabart. 1984. Malic enzyme activity and related biochemical aspects during ripening of irradiated mango fruit. *Phytochemistry* 23: 1383 – 1386.
- Durbin, R.D. 1981. Toxins in Plant Disease, Academic Press, New York. 215 p.
- Eglinton, G. 1970. Introduction to Spectroscopic Methods for the Identification of Organic Compounds (Vol.I) Pergamon Press, Oxford , pp. 123-144.
- Engel , K.H. and R. Tressl. 1983. Studies on the volatile components of two mango varieties. *Journal of Agricultural and Food Chemistry*, 31 : 796 – 801.
- Esguerra, E.B. and M.C.C. Lizada. 1990. The postharvest behaviour and quality of “Caraboa” mango subjected to vapour heat treatment. *ASEAN Food Journal*. 17 : 76-91.
- FAO Production Yearbook. 1989. Food and Agricultural Organisation. Rome. 376p.
- Fawcett, C.H., and D.M. Spencer. 1969. Natural antifungal compounds. pp 637-669. *In* D.C. Torgeson (ed.) *Fungicides*, Vol. 2, Academic Press, New York.
- Faweett, C.H. and D.M. Spencer. 1969. Natural antifungal compounds, pp. 637 – 655. *In* D.C. Torgeson (ed.) *Fungicides An Advaneed Treatise*. Vol. 2, Academic Press. New York.
- Foy, C.L. and D.W. Pritchard. 1996. *Pesticide Formulation and Adjuvant Technology*. CRC Press, New York. 363p.
- Frei, B. and P. Schmid. 1996. Development trends in pesticide formulation and packaging pp. 33-42. *In*. C.L. Fay and D.W. Pritchard, (eds) *Pesticide Formulation and Adjuvant Technology* CRC Press London.
- Fromling, R.A. 1987. Recent Trends in the Discovery, Development and Evalution in the Antifungal Agents. *Journal Research Prous Science*, Barcelona, 218p.
- Fuchs, Y. E. Pesis and G. Zauberman. 1980. Changes in amylase activity , starch and sugar contents is mango fruit pulp. *Scientia Horticulturae* , 13: 155 – 160.
- Fujita, T. and H. Iwamura. 1983. Applications of various steric constants to quantitative analysis of structure activity relationships. pp. 119 – 184, *In* M. Chaarton and I. Motoc (eds.), *Streic Effrct in Drug Design*. Springer – Verlag, Berlin.
- Geryer, R. and J.B. Harborne. 1994. *Phytochemistry*, 37, 19.
- Giannini, J.L., D.P. Briskin, J.S. Holt and J. D. Paxton. 1988. Inhibition of plasmamembrane and H⁺_ transporting ATP ase by glyceollin. *Phytopathology*, 78: 969-1000.

- Gillam, A.E. and E.S. Stern. 1957. Electronic Absorption Spectroscopy, 2nd ed, Edward Arnold, London, 286p.
- Govement, M.C. 1997. Computerized optimization of emulsifiers for pesticide emulsifiade concentrates pp. 92-132, *In* (ed.) H.B. Scher, ACS symp. Ser. 254, Advances in Pesticide Technology, American Chemical Society Washington, D.C.
- Griffin, D.H. 1994. Fungal Physiology Wiley-Liss Johnson wiley son. Inc. New York, 458 p.
- Harborne, J.,H. Baxter and G.P. Moss. 1999. Phytochemical Dictionary, 976p.
- Harborne, J.B. 1967. Comparative Biochemistry of the Flavonoids, Academic Press, London, 137p.
- Harborne, J.B. 1982. Introduction to Ecotological Biochemistry. Academic Press, 287p.
- Harborne, J.B. 1986. The role of phytoalexins in natural plant resistance, pp. 10-22. *In* M.B. Green and P. Hedin (eds.), Natural resistance of Plants to Pests. American Chemical Society, Washington D.C.
- Harborne, J.B. 1987. Natural fungitoxin, pp. 195 – 231. *In* K. Hostellman and P.J. Lea (eds.), Biologically Active Natural Products. Clarendon Press, Oxford.
- Harborne, J.B. 1988. Phytochemical Methods. Chapman and Hall New York, 302p.
- Harborne, J.B. 1996. Phytochemistry 8, 419.
- Harborne, J.B. 1998. Phytochemical Methods. Chapman and Hall, New York, 302p.
- Harborne, J.B. and B.L. Turner. 1984. Plant Chemosystematics, Academic Press, London, 211p.
- Harborne, J.B., P. Lebreton, H. Combier, T.J. Mabry and Z. Hamman. 1971. Phytochemistry, 10, 883.
- Harlay, R.M. and M.G. Bell. 1967. Nature (Lond). 213: 1241.
- Harmilton, R.J. and P.A. Sewell. 1982. Introduction of High Performance Liquid Chromatography. 2nd edn, Chpman and Hall, London, 376p.
- Harwood, L.M. and T.D.W. Claridge. 1996. Introduction to Organic Spectroscopy, University Press, Oxford, 383p.
- Heftman, J.R. 1992. Chromatography: Fundamentals and Applications of Chromatographic and Electrophoretic Techniques, 5th edn., Elservier, Amsterdam, 286p.

- Heller, A., B. Frezel, F. Grossmann and S. Hippe'. 1990. Effects of ethirimol and propiconazole on morphology and ultrastructure of *Erysiphe graminis* f. sp. Hordei. Canadian Journal of Botany 163: 76-84.
- Hershenson, H. M. 1959. Infra Red Absorption Spectra. Academic Press, New York, Vol. 1 : 1945-1957, 96p.
- Hershenson, H. M. 1961. UV and Vesicle Absorption Spectra. Academic Press New York, Vol. 2 : 1955-1962, 137p.
- Hershenson, H.M. 1956. UV and Visible Absorption Spectra. Academic Press, New York, Vol. 1 : 1930-1954.
- Hillman, J. R. 1978. Isolation of Plant Growth Substances. Cambridge University Press, Cambridge, 163p.
- Hippe', S. 1991. Influence of Fungicides on Fungal Fine Structure, pp.314-331. In. K. Mendgen and D.E. Lesemann (eds.), Electron Microscopy of Plant Pathogens. Springer-verlag Berlin Heidelberg. New York.
- Hippe, S. 1983. Morphology of *Ustilago avenae* after treatment with systemic fungicides as studied by scanning electronmicroscopy. Phytopathol Z, 106: 321-328.
- Hippe, S. 1985. Hexagonal clustering of intramembrane particles in the plasmalemma of *Ustilago avenae* after fungicide treatment. Pesticide Biochemical Physiology, 24: 161-173.
- Hippe, S. 1985. Ultrastructure of haustoria of *Erysiphe graminis* f. sp. *Hordei* preserved by freeze substitution. Protoplasma, 129:52-61.
- Hippe, S. 1987. Combined application of low temperature preparation and electron microscopic autoradiography for the localization of systemic fungicides. Histochemistry, 87: 309-315.
- Hippe, S., H. Buchenauer and F. Grossmann. 1980. Einflub von Triadimefon auf die Feinstruktur der sporiden von *Ustilago avenae*. Z Pflanzenkr Pflanzenschutz. 87: 423-426.
- Hippe, S., H. Luth. 1986. A simple physical model for fungicide induce hexagonal clustering of intramenbrane Particles in the plasmalemma of *Ustilago avenue*. Journal Theoretical Biology, 21:351-366.
- Hippe, S., U. Giesen. 1988. The effect of triadimenol on the cytology and growth of sensitive and resistant strains of *Ustilago avenae*. Annual Applied Biology, 122: 13-24.
- Horgan, R. 1981. Modern methods for plant hormone analysis. Prog. Phytochem., 7: 137-70.

- Hostettmann, K., M. Hostertmann and A. Marston. 1986. Preparative Chromatography Techniques. Springer, Berlin, 272 p.
- Howard, R.J., J.R. Aist. 1980. Cytoplasmic microtubules and fungal morphogenesis: Ultrastructural effects of methyl benzimidazole - 2 - ylcarbamate determined by freeze - substitution of hyphal tip cells. *Journal Cell Biology*, 87: 55-64.
- Huyodo, H., K. Tanaka and J. Yoshisaka. 1985. Induction of 1-aminocyclopropane - 1 - carboxylic acid synthase in wounded mesocarp tissue of winter squash (*Cucurbita maxima*) fruit and the effects of ethylene. *Plant Cell Physiology*, 26 : 161 – 168.
- Idstein , H. and P. Schrier. 1985. Volatile constituents of "Alphonso" mango (*Mangifera indica*). *Phytochemistry*, 24 : 2313 – 2316.
- Inoue, S., T. Uematsu, T. Kato and K.Ueda. 1985. New melanin biosynthesis inhibitors and their structure similarities, *Pesticide Science*, 16 : 589 – 621.
- Iwamura, H. and T. Fujita. 1982. QSAR Studies in Pesticide research in Japan. *Journal Pesticide Science*. 7 : 289 – 310.
- Jackman, L.M. 1959. Applications of NMR Spectroscopy in Organic Chemistry. Pergamon Press, Oxford, 316p.
- James, T.L. 1975. NMR in Biochemistry: Principles and Applications. Academic Press, New York, 282p.
- Janssen, P.A.J. 1987. New antifungal agents : a result to target – oriented drug design. pp. 29 – 81 In E. declerk (ed), Mertinus Nijhoff, Dordrecht.
- Jipipob, D. 2002. Antitungal Activity of Acetoxy and Vinyl group in 1 – Acetoxychavicol Acetate, MS Thesis of Chemistry, Faculty of Graduate School Chiang Mai University, Chang Mai, 76p.
- Joel , D.M., I. Marbach and A.M. Mayer. 1978. Laccase in Anacardiaceae. *Phytochemistry*, 17 : 796 – 79.
- John, J., C. Subbarayan and H.R. Cama. 1970. Carotenoids in three stages of ripening in mango. *Journal of Food Science* , 35 : 262 – 265.
- Johns, R. 1980. An Introduction to Spectroscopy for Biochemists_(ed. S.B. Brown), Academic Press, London, 271p.

- Jungalwala, F. B. and H. R. Cama. 1963. Carotenoids in mango (*Mangifera indica*) fruit. Indian Journal of Chemistry, 1 : 36 – 40.
- Kapur , K. L., R. A. Verma and M. P Tripathi. 1985. The effect of maturity and processing on quality of pulp slices. Indian Food Packer, 39 : 60 – 67.
- Karnatham, N. 1994. The method of packaging the mango fruit for storage in the holding modified atmosphere condition by using holding polyakaric film. MS thesis of the post harvest technology, Fact. Of Graduate School Chiang Mai University, Chiang Mai, 86 p.
- Kasantikul, E. 1983. Studies on growth and development, biochemical changes and harvesting indices for mango (*Mangifera indica* L.) cultivar “Nam Doxkmai”. MS thesis, Kasetsart University, Bangkok , 142 p.
- Kirchner, J.G. 1978. Thin Layer Chromatography, 2nd ed, John Wiley, New York, 312 p.
- Kleinschuster, S.J., and R. Baker. 1974. Lectin-detectable differences in carbohydrate containing surface moieties of macroconidia of *Fusarium roseum* “Avenaceum” and *Fusarium solani*. Phytopathology, 64:394-399.
- Knights, B.A. 1995. Phytochemistry 4: 857.
- Kobayashi, K., C. Nishino, H. Tomita and M. Fulcushima. 1987. Antifungal activity of pisiferic acid derivatives against the rice blast fungus. Phytochemistry, 26: 3175-3194.
- Köller, W. 1991. Fungicide resistance in plant pathogens. pp. 213 –274, In. D. Pimentel (ed.), Handbook of Pest Management Vol. 3 2nd ed., CRC Press, Boca Raton, FL.
- Köller, W. 1992. Target Sites of Fungicide Action. CRC Press, London, 328p.
- Köller, W. 1992. Target Research in the Discovery and Development of Antifungal Inhibitors. Pp.255-310. In W. Köller (ed), Target Sights of Fungicide Action. CRC Press, London.
- Korpradisakul, W.C. Ratanakrethakul and R. Korpraditsakul. 1991. Application of extracts from plants for controlling anthracnose on the surface of mango, pp.307-317 In. Report of Academic Conference of Kasetsart University, 29th Kasetsart University, Bangkok.
- Korpraditsakul, W.,C. Ratanakrethakul and R. Korpraditsakul. 1990. Effect of extracted substance on growth of anthrachose fungal pathogen of mango pp.359-370. In. Report of Academic conference of Kasetsart University, Bangkok.

- Kosiyachinda, S., S.K. M. Poernomo. 1984. Maturity indices for harvesting of mango. In. D.B. Mendoza , Jr. and R.H.B. Wills (eds) Fruit development, postharvest , physiology and marketing in ASEAN. , ASEAN Food Handling Bureau , Kuala Lumpur, pp. 33 – 34.
- Krenek, M.R and W.H. Rohde. 1988. An overview-solvents for agricultural Chemicals, pp 113-169. In D.A. Houde and Beetman (eds.), Pesticide Formulations and Application Systems. Vol.8, ASTM STP 1980, American Society for Testing and Materials, Philadelphia.
- Krenek, M.R. and D.N. King. 1987. The relative phytotoxicity of selected hydrocarbon and oxygenated solvents and oils, pp 37-14. In D.I.B. Vander Hoven and L.D. Spicer (eds.), Pesticide formulations and Application Systems. Vol. 6, STM STP 943, American society for Testing and Materials, Philadelphva.
- Krishnamurthy , S. and M.V. Patwardhan, 1971. Properties of malice enzyme (decarboxylating) from the pulp of mango fruit (*Mangifera indica*). Phytochemistry, 10: 1811 – 1815.
- Krishnamurthy, S., M.V. Patwardhan, and H. Subramanyam, 1971 Biochemical changes during ripening of the mango fruit. Phytochemistry, 10 : 2577 – 2581.
- Kuhn, P.J. 1989. The discovery and development of fungicides - dose biochemistry have a role. Pesticide Science, 25 : 123 – 194.
- Kumar, R.and Y. Selvaraj.1990. Fructose-1-6-bisphosphatase in ripening mango (*Mangifera indica* L.) fruit. Indian Journal of Experimental Biology, 28 : 284 – 286.
- Kusumo , S.L., V. Vangnai, S.K. Yong and L.O. Namuco. 1984. Commercial mango cultivars in ASEAN Mango. ASEAN Food Handling Bureau , (eds , J.B. Mendoza , Jr. and R.B.H. Wills) , pp. 12 – 20.
- Laks, P.E. and M.S. Pruner. 1990. Flavonoid biocides: structure activity relations of flavonoid phytoalexin analogues. Phytochemistry, 28: 69-87.
- Lakshminarayana , S. 1973. Respiration and ripening patterns in the life cycle of the mango fruit. Journal of Horticultural Science, 48 : 227 – 233.

- Lam, P.F., K.H. Ng, D. Omar and Y. Talib. 1982. physical, physiological and chemical changes of Golek after harvest. Proceedings of Workshop on Mango and Rambutan. ASEAN Postharvest Training College, Laguna, Phillipines. pp. 96 – 112.
- Lang, L. 1959. Absorption Spectra, Academy of Science Press, Budapest, 186p.
- Latge, 1991. Cytochemistry of Fungal Surface :Carbohydrate Containing Molecules. P43-57. In K. Mindgen and D. E. Lesemann (eds) Electron Microscopy of Plant Pathogens. Springer-Verlag Berlin Heidelberg New York.
- Lazan , H., Z.M.A. Ali, K.W. Lee, J. Voon and G.R. Chaplin. 1986. The potential role of polygalacturonase in pectin degradation and softening in mango fruit. ASEAN Food Journal, 2 : 93 – 95.
- Lederer, E. and M. Lederer. 1957. Paper Chromatography. 2nd eds, Elsevier, Amsterdam,321p.
- Lertpruk, S. 1983. Postharvest behaviour of “Carabao” mango (*Mangifera indica* L.) fruit sprayed with ethephon as a preharvest inducer of maturation. M.S. Thesis, University of the Philippines at Los Vinos , College , Laguna , Phillipines, 216p.
- Lertvirasawat, S. 1997. Chemical Compound inhibit fungi and bacteria from some tuber crop. MS. Thesis of chemistry Faculty of graduate school, Chiang Mai University, Chiang Mai. 102 p.
- Linskens, H.F. 1959. Paper Chromatographei in der Botanik, Springer Verlag, Berlin, 163p.
- Linskens, H.F. and J.F. Jackson. 1985. Modern Methods of Plant Analysis, New Service, Springner, Berlin, 139p.
- Liummark,V. 1998. Effect of Chitosan Coating on Postharvest Diseases control and Quality of Nam Dork Mai and Keaw Sawoey Mangoes MS thesis Postharvest Technology Faculty of Graduate school, Chiang Mai University, Chiang Mai. 118 p.
- Lizada , M.C.C., J.U. Agravante and E.O. Brown (1986) Factors affection postharvest disease control in “Carabao” mango subjected to hot water treatment. Philippine Journal of Crop Science, 11 : 153 – 161.
- Lizada, M.C.C. and A.U. Cua. 1990. The postharvest behaviour and quality of “Carabao” mangoes subjected to a vapour heat treatment. ASEAN Food Journal, 5 : 6 – 11.
- Login, R.B., R.K. Chaudhuri, R.K. Haldar, M.M. Holioff and D.J. Tracy.1992. Surface Active Lactams. U.S. Patent, 5, 093, 031. 378 p.

- Lyr, H. 1987. Modern selective fungicides. VEB Gustav Fischer, Jena, 418p.
- Mabry, T.J. 1969. in Perspectives in Phytochemistry (eds J.B.Harborne and T. Swain), Academic Press, London, pp. 1-46.
- MacLeod, A.J. and N.M. Pieris. 1984. Comparison of the volatile components of some mango cultivars, *Phytochemistry*, 23 : 361 – 366.
- Malaren, J.S. 1986. Biologically active substances from higher plants : status and future potential. *Pesticide Science*, 17: 526-559.
- Mann, J. 1987. Secondary Metabolism. 2nd (ed), Clarendon Press, Oxford, 386p.
- Mann, S.S. and R.N. Singh. 1976. The cold storage life of Dashehari mangoes. *Scientia Horticulturae*, 5 : 249 – 254.
- Manthey, F.A., J.D. Nalewaja. 1992. Relative wax solubility and phytotoxicity of oil to green foxtail *Setaria viridis* (L.) Beauv., pp.463-492. In C.L. Foy (ed.) Adjuvants and Agrochemical CRC Press, Boca Raton, Florida.
- Marston, A. and K. Hostellman. 1987. Antifungal, molluscicidal and cytotoxic compounds from plants used in traditional medicine, pp. 65 – 131. In K. Hostellman and P.J. Lea (eds.) Biologically Active Natural Products. Clarendon Press, Oxford.
- Mattoo , A.K. and V.V. Modi . 1970. Partial purification and properties of enzymic inhibitors from unripe mangoes. *Enzymologia*, 39 : 237 – 247.
- Mattoo, A.K., Modu, V.V. and V.V.R. Moddy. 1968. Oxidation and carotenogenesis regulating factors in mangoes. *Indian Journal of Biochemistry*, 5 : 111 – 114.
- Mattoo, A.K. and V.V. Modi. 1969. Ethylene and ripening of mangoes. *Plant Physiology*, 44 : 308 – 31.
- Medlicott , A.P., S.B. Reynolds, S.W. New and A.K Thompson. 1988. Harvest maturity effects on mango fruit ripening. *Tropical Agriculture*, 65 : 15. – 157.
- Medlicott, A.P. 1985. Mango fruit ripening and the effects of maturity, temperature and gases. Ph.D. Thesis. The Polytechnic , Wolverhampton (CNNA), 214p.
- Medlicott, A.P. and A.K. Thompson. 1985. Analysis of sugars and organic acid in ripening mango fruits (*Mangifera indica* L. var. Keitt) by high performance liquid chromatography. *Journal of the Science of Food and Agriculture*, 36 : 561 – 566.

- Medlicott, A.P., M. Bhogal and S.B. Reynolds. 1986. Changes in peel pigmentation during ripening of mango fruit (*Mangifera indica* var. Tommy Atkin). *Annals of Applied Biology*, 109 : 651 – 656.
- Meingassner, J.G., U. Sleytr and G. Petranyi. 1981. Morphological changes induced by naftifine, a new antifungal agent. In Trichopyhoto metagrophytes. *Journal Investigation Dematology*, 77: 444-451.
- Mendoza, D.B. 1981. Developmental physiolgy of "Carabao" mango (*Mangifera indica* L.) fruits. Ph.D. Thesis, University of the Philippines at Los Banos, 156p.
- Mendoza, D.B., F.B. Javier and E.B. Pantastico. 1972. Physico chemical studies during growth and maturation of "Carabao" mango. *Animal Husbandry and Agricultural Journal*, 7 : 33 – 36.
- Meusburger, K.F. 1983. Computerized optimization of emulsifiers for pesticide emulsifiable concentrates, pp. 317-373. In H.B. Scher (ed.) *Advances in Pesticide Technology*, ACS Symposium series 254, American Chemical Society, Washington D.C..
- Mirelman, D., E. Galun, N. Sharon and R. Lotan. 1975. Inhibition of fungal growth by wheat germ agglutinin. *Nature*, 256: 414-416.
- Mitchell, G.E., R.L. McLauchlan, T.R. Beattie, C.Banos and A.A. Gillen. 1990. Effect of gamma irradiation on the carotene content of mangoes and red capsicums. *Journal of Food Science*, 55 : 1185 – 1186.
- Modi, V.V., V.V. Reddy and D.V. Shah. 1965. Carotene precursors in mangoes. *Indian Journal of Experimental Biology*, 3 : 145 – 146.
- Mookerjece, P.K. 1983. Computer-assisted coorelation analyais in development of pesticide formulation, pp. 105-141. In. H.B. Scher (ed.), *Advances in Pesticide Formulation Technology*. ACS Symposium Series, 254, American Chemical Society. Washington D.C.
- Morga, N.S., Lustre, A.O., Tunac, M.M. Balogot, A.H. and Soriano, M.R. 1979. Physicochemical changes in Philippine Caraboa mangoes during ripening. *Food Chemistry*, 4 : 225 – 234.
- Morton, R.A. 1975. *Biochemical Spectroscopy*, Adam Hilger, London, 324p.
- Myers, D. 1988. *Surfactant Science and Technology*. VCH Publishers, New York, 371p.

- Nakanishi, T. and H.D. Sisler. 1983. Mode of action of hymexazole in *Pytnium aphanidermatum*. Journal of Pesticide Science, 8 : 173 –209.
- Narayanan, K.S. 1993. Cold stabilization of Aqueous Microemulsions of a Water – Insoluble Agriculturally Active compound, U.S. Patent 5, 266, 590. 137p..
- Narayanan, K.S. 1993. N – alkyl pyrrolidones for emulsifiable concentrates, microemulsions, and superior adjuvant formulation, in 13 th International Symposium Pesticide formulations and application systems. Japan Society of Pesticide Science, Japan, November 1, 1993, 486p.
- Narayanan, K.S. and R.K. Chaudhuri. 1992. Emulsifiable concentrate formulations for multiple active ingredients using N – alkyl pyrrolidones, pp. 93-137. In L.E. Bode, D.G. Chasin (eds.), Pesticide Formulations and Application Systems. Vol. 11 American Society for Testing and Materials, Philadelphia.
- Narayanan, K.S. and R.K. Chaudhuri. 1994a. Delivery system for Agricultural Chemicals, U.S. Patents. 5, 283, 229., 187 p.
- Narayanan, K.S. and R.K. Chaudhuri. 1994b. Delivery system for Agricultural Chemicals, U.S. Patents. 5, 354, 726., 219 p.
- Narayanan, K.S., R.K. Chaudhuri and L.R. Anderson. 1995. Alkoxyalkyl Lactams as Solvents for Macro and Microemulsions, U.S. Patent 5, 385, 948., 147 p.
- Narayanan, K.S., R.K. Chaudhuri and M. Dahanayake. 1991. Delivery System for Agricultural Chemicals, U.S. Patents 5, 071, 463. 209 p.
- Narayanan, K.S., R.K. Chaudhuri and M. Dahanayake. 1992. Delivery System for Agricultural Chemicals, U.S. Patents 5, 166, 666., 191 p.
- Narayanan, K.S., R.K. Chaudhuri and M. Dahanayake. 1993a. Delivery System for Agricultural Chemicals, U.S. Patents 5, 250, 499., 182 p.
- Narayanan, K.S., R.K. Chaudhuri and M. Dahanayake. 1993b. Delivery System for Agricultural Chemicals, U.S. Patents 5, 176, 736., 209 p.
- Narayanan, K.S., R.K. Chaudhuri. 1993. N – alkylpyrrolidone requirement for stable water based micoremulsions, pp. 85-141. In B.N. Devisetty D.G. Chasih and P.D. Berger (eds.), Pesticide formulation and Application systems. Vol. 12, ASTM STP 1146, American Society for Testing and materials, Philadelphia.

- Narayanan, K.S., S.L. Paul and R.K. Chaudhuri. 1993. N-alkyl pyrrolidones for superior agricultural adjuvants, Resticide Science, 37: 225-292.
- Nayudama, Y. and Y.R. Chadna. 1972. The Wealth of India. CSIR, New Delhi, 9:6.
- Normann, C. 1988. EPA sets new policy on pesticides cancer risks, Science, 242 : 366 – 419
- O'Connell, R.J. and J. A. Bailey. 1991. Hemibiotrophy in *Colletotrichum lindemuthianum*. P211-222. In K. Mendgen and D.-E. Lesemann (eds.) Electron Microscopy of Plant Pathogens. Springer-Verlag Berlin Heidelberg. New York.
- Omata,K.,H. Tomita, T. Nakajima and B. Natsume. 1989. Design of new melanin biosynthesis inhibitors. Pesticide Science, 26 : 271 – 323.
- Orians, C. M. 1995. L Chem Ecol., 21: 1235.
- Owen, R.G. 1963. Chemistry and Physiology of fungicide action. Annual Review Phytopathology 1:77-108.
- Parikh, H.R., G.M. Nair and V.V. Modi. 1990. Some structural changes during ripening of mangoes (*Mangifera indica* var. Alphonso) by abscisic acid treatment. Annals of Botany, 65 : 121 – 127.
- Paris, R., M. Durand and J.L. Bounet. 1960. Ann. Pharm. Franc., 18: 769.
- Park, Y.K., H.H. Sato, T.D. Almeida and R.H. Moretti. 1981. Polyphenoloxidase of mango (*Mangifera indica* var. Haden). Journal of food Science, 45 : 1619 – 1621.
- Peacock, B.C., C. Murray, S. Kosiyachinda, M. Kasittrakakul and S. Tansiriyakul. 1986. Influence of harvest maturity of mangoes on storage potential and ripe fruit quality. ASEAN Food Journal, 2 : 99 – 103.
- Peacock, B.C. and B.I. Brown. 1984. Quality comparison of several mango varieties. Proceedings First Australian Mango Research Workshop, pp. 334 – 339.
- Peereboom, J.W.C. 1971. Comprehensive Analytical Chemistry (ed. C.L.Wilson and D.W.wilson) (Vol. IIC), Elsevier, Arnsterdam, pp. 1-129.
- Peiser, G.D. and S.F. Yang. 1977. Chlorophyll destruction by bisulphite oxygen system. Plant Physiology (Bethesda), 60 : 277 – 281.
- Phillipson, J.D. 1982 Phytochemistry, 21: 244 1-2456.
- Phonglux, D. 1987. Medical Plants. The First Princess Chulabhorn Science Congress. December 10-13, Bangkok, 188p.

- Poindexter, E.H. and R.D. Carpenter. 1986. The Science of Allelopathy, John Wiley, Chichester, 241p.
- Pommer, E.H., and G. Lorenz. 1987. Dicarboximide Fungicides. pp91-106. In H. Lyr (ed.) Modern Selective Fungicides, Longman Scientific and Technical, Essex, England.
- Pongsawan, D. 1993. Quality improvement of Fruit and Vegetable crops for export. Section of Plant Pathology and Microbiology, Department of Agriculture, Bangkok, 112p.
- Proctor, J.T.A. and L.L. Creasy, 1969 The anthocyanin of mango fruit. Phytochemistry, 8 , 210
- Prusky, D. 1990 Mango diseases : an overview. Acta Horticulturae, 291 : 279 – 287.
- Ramana, N.P., Prasad, B.A., Malikarjuaradhya, S., Patwardhan, M., Ananthakrishma, S.M., Rajpoot, N.C. and Subramanyan , L. 1984. Effect of calcium carbide on ripening and quality of Alphonso mangoes. Journal of Food Science and Technology, 21 : 278 – 282.
- Rao, N.N. and V.V. Modi, 1976. Fructose 1–6 , diphosphatase (E.C.3.1.3.11) from *Mangifera indica*. Phytochemistry, 15 : 1437 – 1440.
- Reeve, D.R. and A. Crozier.1980. Quantitative analysis of plant hormones, Encycl. Pl. Physiol. New Series, 9: 203-280.
- Riederer, M. and J. Schonherr. 1990. Effect of surfactants on water permeability of isolated plant cuticles. Pesticide Science, 29: 85-101.
- Roddick, J.G. 1986. Antifungal activity of plant steroids, pp. 286-330. In G Fuller and W.D. Nes (eds.). Ecology and Metabolism of Plant Lipids. American Chemical Society, Washington D.C..
- Rodgers, P.B. 1989. Potential of biological control organisms as a source of antifungal compounds for agrochemical and pharmaceutical product development. Pesticids science, 27: 140-155.
- Roe, B. and J.M. Bruemmer .1981. Changes in pectic substances and enzymes during ripening and storage of “Keitt” mangoes. Journal of Food Science, 46 : 186 – 189.
- Ryley, J.F. and W.G. Rathwell. 1984. Discovery of antifungal agents *in vitro* and *in vivo*. pp.63 – 121, In A.P.J. Trinci and J.F. Rylry (eds.), Mode of Action of Antifungal Agents. Cambridge University Press, Cambridge.

- Sancholle, M., R. Dargent, J.D. Weete, A.E. Rushing, K.S. Miller and C. Montant. 1988. Effects of triazoles on fungi. VI Ultrastructure of *Taphrina deformans*. Mycologia, 80: 162-175.
- Sandford, K.J. and D.E. Heinz .1971. Phytochemistry, 10: 1245.
- Sapyen, D. 2001. Analytical Data Files of Antifungal Compounds from crudes of Galanga and Sweet flag by GC-MS and IR-resonance. Natural Cheuncal Product Laboratory, Department of Chemistry, Faculty of Science (Personnel information), 12p.
- Sapyen, D. and V. Sardsud. 1993. Extractians and Eualuation of Efficiency of the fungal Inhilafant form Herbs and Sprees (Personnel information). Department of Cheuntry, Faculty of Science Chinag Mai University, 24p.
- Sargent, J.R. 1969. Methods in Zone Electrophoresis, 2nd eds, BDH Chemicals Ltd., Poole, England, 217 p.
- Satyan, S.H., G.R., Chaplin, M.E. Willcox, 1986. An assessment of fruit quality of various mango cultivars. Proceeding of the First Australian Mango Research Workshop, Cairn, Queensland, pp. 324 – 333.
- Schafer, W., D. Sterney, L Ciufetti, H.D. Van Etten and O.C. Yoder. 1989. One enzyme makes a fungal pathogen, but not a saprophyte, virulent on a new host. Science, 246:223-247.
- Scheinmann, F. 1970. An Introduction to Spectroscopic Methods for the Identification of Organic Compounds (Vol.I), Pergamon Press, Oxford, 282 p.
- Schonherr, J. and H. Bauer.1992. Analysis of effects of surfactants on permeability of plant cuticles, pp. 17-45. *In* CL. Foy (ed) Adjuvants and Agrichemicals. CRC Press, Boca Raton, Floride.
- Schultz, T.P., T.F. Hubard, L. Jin, T.H. Fisher, and D.D. Nicholas. 1990. Role of stilbenes in the natural durability of wood: fungicidal structure-activity relation ships. Phytochemistry, 29: 1484-1501.
- Selvaraj, Y. and R. Kumar.1989. Studies on fruit softening enzymes and polyphenol oxidase activity in ripening mango (*Mangifera indica* L.) fruit. Journal of Food Science and Technology, 26 : 218 – 222.
- Selvaraj, Y. 1989. Studies on enzymes involved in the biogenesis of lipid derived volatiles in ripening mango (*Mangifera indica* L.) Fruit. Journal of Food Biochemistry, 12 : 289 – 300.

- Selvaraj, Y., Kumar, R. and D.K. Pal. 1989. Changes in sugars, organic acids, amino acids , lipid constituents and aroma characteristics of ripening mango (*Mangifera indica* L.) fruit. Journal of Food Science and Technology, 26: 308 – 313.
- Severson, R.F., H.G. Cutler, P.D. Cole, D.M. Jackson, V.A. Sisson, A.M. Johnson, G.A. Herzog and T. Stephenson. 1985. Biologically active compounds in the cuticular of *Nicotiana* species. Proceeding PGR Society of American, 175p.
- Seymour, G.B., M. N'Diaye, H. Wainwright and G.A. Tucker. 1990. Effect of cultivar and harvest maturity on ripening of mangoes during storage. Journal of Horticultural Science, 65:479 – 483.
- Shafter, W.E. and M.J. Bukovac. 1987. Studied on octyphenosy surfactants, III. Sorption of Triton X-100 by isolated tomato fruit cuticls, Plant Physiology, 85: 965-1021.
- Shafter, W.E., M.J. Bukovac and R.G. Fader. 1998. Adjuvants and agrochemicals, pp. 39-101. In P.N.P. Chow, C.A. Grant, A.M. Hinshalwood and E. Simundsson, (eds) Recent Developments, Application and Bibliography of Agro-adjuvants. Vol. II, CRC Press, Boca Raton.
- Shannon, J.S. and D.S. Letham. 1966. New Zealand J. Sci.,9:833.
- Shashirekha, M.S. and M.V. Patwardhan. 1976. Changes in amino acids, sugars and non – volatile organic acids in a ripening mango fruit (*Mangifera indica*, Badami variety). Lebensmittel Wissenschaft Technologie, 9 :369 – 370.
- Shekizawa, Y and S. Mase. 1981. Mode of controlling action of probendazole against rice blast disease with reference to the induce resistance mechanism in rice plant. Journal Pesticide Science, 6:91-123.
- Shekizawa, Y., M. Haga, M. Iwata, A. Hamamoto, C. Chinara and Y. Takino. 1985. Probendazole and burst of respiration in rice leaf tissue infected with blast fungus. Journal Pesticide Science, 10: 225-261.
- Shephard, M.C. 1987. Screening for fungicides. Annual Review Phytopathology, 25 : 189 – 227.
- Sherma, J. and G. Zweig. 1971. Paper Chromatography. Academic Press, New York. 264 p.
- Sijpestein, A.K. 1984. Mode of action of some traditional fungicides. PP. 135 – 167, In A.P..J. Trinci and J.F. Ryley (eds.), Mode of Action of Antifungal Agents. Cambridge University Press, Cambridge

- Simpson, C. 1970. Gas Chromatography, Kogan Page, London. 211 p.
- Simpson, K.L., T. Lee, D.B. Rodrigues, and C.O. Chichester .1976. In Chemistry and Biochemistry of Plant Pigments. (ed T.W. Goodwin), Vol. 1 , Academic press, pp. 799 – 843
- Skelton, P.R. 1993. Pesticide microemulsion concentrate formulation utilizing fatty acid methylesters as solvent alternatives, pp. 114-138. In. P.D. Berger, B.N. Divesetty, and F.R. Hall (eds.), Pesticide Formulations and Application Systems, Vol. 13, ASTM STP 1183, American Society for Testing and Materials, Philadelphia.
- Smith, D.A. 1982. Toxicity of phytoalexins, pp. 203-218. In J.A. Bailey and J.W. Mansfield. (eds.) Phytoalexins. Blackie, Glasgow.
- Smiththan, P. 1988. Protoplast Technology. Department of Plantpathology, Faculty of Kasetsart, Chiang Mai University 131p..
- Soltis, P.S., D.E. Soltis, and J.J. Doyle.1992. Molecular Systematics of Plants. Chapman and Hall, New York. 292 p.
- Sommartra,T.1985. Chemical compound for controlling Plant pathogen. Agricultural group, Bangkok. 371p.
- Southon, I.W. and J. Buckingham. 1989. Dictionary of Alkaloids,Chapman and Hall, London. 412 p.
- Spencer, P.M. and G.G. Jackson. 1989. Fungal and mycobacterial infections in patients infected with the human immunodeficiency virus, Journal Antimicrobial Chemotherapy, 23 (supplement A.) 107 – 165.
- Srisornkampol, A. 1996. Chemical compound from galanga (*Alpinia galanga Sw.*), Achrasma spp. And *Piper ribesoides* Wall MS thesis of Chemistry, Faculty of graduate school Chiang Mai University, Chiang Mai. 102 p.
- Stafford, A.M. and C.J. Pazole.1997. Phytochemical Diversily-A Source of New Industrial Products (ed. By S. Wrigley, M. Hayes, R. Thomas and E. Chrystal), Royal Society of Chemistry, Letchworth, Herts. pp. 33 – 154.
- Stahl, E. 1969 . Thin Layer Chromotography, 2nd eds., George Allen and Unwin, London, 212 p.

- Stock, d., B.M. Edgerton, R.E. Gaskin and P.J. Hollowcuy. 1992. Surfactant-enhanced foliar uptake of some organic compounds. Interactions with two model polyoxyethylene aliphatic alcohols, *Pesticide Science*, 34: 233-292.
- Subramanyam, H. and K. Sebastian. 1970. Effect of succinic acid and 2, 2 - dimethyl hydroxide on carotene development in "Alphonso" mango. *Horticultural Science*, 5 : 160 – 161.
- Subramanyan, H., S. Gowri, and S. Krishnamurthy. 1976. Ripening behaviour of mango fruits graded on specific gravity basis. *Journal of Food Science and Technology*, 13 : 84 – 86.
- Subramanyan, H., S. Krishnamurthy , and H.A.B. Parpia, 1975. Physiology and biochemistry of mango fruit. *Advances in Food Research*, 21 : 223 – 305.
- Sukmark, P. 1977. Study on Anthracnose Disease of Mango. MS thesis of Plant pathology. Department of Plant pathology, Faculty of Graduate school, Kasetsart University, Bangkok, 108p.
- Sutton, B.C. 1980. The Coelomycetes. Commonwealth Mycological Institute, Robert Maclenones and Co.Ltd., Glasgow. 696 p.
- Tandon, D.K. and S.K. Kalra. 1983. Changes in sugars, starch and amylase activity during development of mango fruit cv. Dashehari. *Journal of Horticultural Science*, 58 : 449 – 453.
- Tandon, D.K. and S.K. Kalra. 1984 . Pectin changes during the development of mango fruit cv. Dashehari. *Journal of Horticultural Science*, 59 : 283 – 286.
- Tirtosokotjo. R.A. 1984. Ripening behaviour and physicochemical characteristics of "Carabao" mango (*Mangifera indica* L.) treated with acetylene from calcium carbide. Ph.D.Thesis.University of the Philippines, Los Banos, 231 p.
- Tjiptono, p., P.E. Lam and D.B.Jr. Mendoza .1984. Status of the mango industry in ASEAN in mango. ASEAN Food Handling Bureau, pp. 1 – 11.
- Tomas – Barberan, F.A. 1995. Phytochemical Analysis, 6:177.
- Trelkeld, M.G. and W.e. Dismukes. 1989. Endemic Mycoses, in Opportunistic Infections in Patients with the Acquired Immunodeficiency Syndrome. Marcel Dekker, New York, 285p.

- Trinci, A.P.J. and J.F. Ryley. 1984. Mode of action of antifungal agents. Cambridge university Press, Cambridge, 372p.
- Truter, E.V. 1963 .Thin Film Chromatography. Cleaver Hume Press, London. 151 p.
- Tuchstone, J.C. and M.F. Dobbins.1978. Practice of Thin Layer chromatography. John Wiley, Chichester. 134 p.
- Tucker, G.A. and G.B. Seymour, 1991. Cell wall degradation during the ripening of mango fruit. *Acta Horticulturae*, 291 , 454 – 460.
- Turner, W.B. 1971 Fungal Metabolites. Academic Press, London, 232 p.
- Turner, W.B. and D.C. Aldridge, 1983. Fungal Metabolites II. Academic Press, London. 343 p.
- Upprdsakul S. 1985 Inspection of Mean Differences Kasetsart University. Bankok, 155p.
- Valkenburg, W.V. 1973. Pesticide Formulations Marcel Dekker, Inc. New York, 481 p.
- Van Lelyveld, L.J. and J.H.E. Smith, 1979. Physiological factors in the maturation and ripening of mango (*Mangifera indica* L.) fruit in relation to the jelly seed physiological disorder. *Journal of horticultural Science*, 54 : 283 – 287.
- Van Etten, H.D. and D.F. Bate man. 1971. Studies on the mode of action of the phytoalexinx phaseollin. *Phytopathology*, 61: 219-253.
- Van Etten, H.D., and S.G. Pueppke. 1976. Isofavonoid Phytoalexins. pp.239-669. In. J. Friend and D.R. threlfall (eds.) *Biological Aspects of Plant parasite Relation ships*, Academic Press, London.
- Van Etten, H.D., D.E. Matthews and P.S. Mathews. 1989. Phytoalexin detoxification: importance for pathogenicity and practical applications. *Annual Review phytopathology*, 27:124-143.
- Van Sumere, C.F. 1969. *Revue des Fermentations et Industries Alimentaires* (Brussels), 24:91-139.
- Vanden Bossche, H., P. Marichal, J. Gorrens, M.C. Coene, G. willemsens, D. Bellens, I. Roels, H. Moereels, and P.A.J. Janssen. 1989. Biochemical approaches to selective antifungal activity. *Focus on azole antifungals, Mycoses*, 32 (Supplement I) 35 – 72.
- Vanden Bossche, H.,P. Marichal, J. Gorrens, H. Geerts, and P.A.J. Janssen. 1988. Mode of action studies basis for the search of new antifungal compounds. *Annual N.Y. Academic Science* 544 : 191 – 243.

- Vazquez – Salinas , C. and S. 1985 Lakshminarayana , Compositinal changes in mango fruit during ripening at different storage temperatures. Journal of Food Science, 50 : 1646 – 1648.
- Visarnthanon, N. Mango fruit rot and control. Journal Kehakarn Kaset. 16(5): 149-153.
- Von Arx, J.A. 1981. The Genera of Fungi Sporulating in Pure Culture, 3rd edn. J. Cramer Varduz, 315p.
- Wagner, H. and Blant, S. 1996. Plant Drug Analysis, 2nd edn, Springer, Berlin, 374 p.
- Waller, G.R. 1972 Biochemical Applications of Mass Spectrometry, Wiley Interscience, New York, 349 p.
- Waller, G.R. and O.C. Dermer, 1980. Biochemical Applications of Mass Spectrometry, First Supplement, John Wiley, Chichester, 104 p.
- Wang, T.T. and C.C. Shiesh, 1990 Fruit growth, development and maturity indices of “Irwin” mango in Taiwan. Acta Horticulturae, 269 , 189 – 196.
- Watanabe, T., Y. Sedizawa, M. Shimura, Y. Susuki, K. Matsumoto, M. Iwata and S. Mase, 1979. Effects of probendazole (Oryzemate) on rice plants with reference to controlling rice blast. Journal Pesticide Science, 4:53-89.
- Williams, D.H. and I. Fleming, 1966. Spectroscopic Methods in Organic Chemistry. Mc Graw – Hill, London. 402 p.
- Wink, M. 1993. Production and application of phytochemicals from an agricultural perspective pp. 171-213. In. T.A. Beek and H. Breteler (eds), Phytochemistry and Agriculture, Clarendon Press, Oxford.
- Winston , E.C. 1984. Mango varietal selection trials in wet tropics. Proceedings of the First Australian Mango Research Workshop. Cairns, Queensland, 283 p.
- Yoshikawa, M., H. Masago, T. Onoe and K. Matsada. 1987. Mode of biochemical action of phytoacexins, pp. 204-253. In S. Nishimura, C.P. Vance, and N. Doke (eds.) Molecular Determinant of Plant Diseases. Springer Verlag, Berlin.
- Youngviset, N. 1993. Method of Extraction and Analysis some organic compounds from. Leaves of *Rhinacanthus nasutus* (Kurz.) MS. Thesis of Chemistry, Faculty of graduate school Chiang Mai University. Chiang Mai, 107p.

- Yu, Y-B., D.O. Adams, and S.F. Yang , 1979. ACC synthase a key enzyme in ethylene biosynthesis. Archives of Biochemistry and Biophysics, 198 : 280 – 286.
- Zehr, I.E., G.W.Bird, K.D. Fisher, K.D. Hickey, F.H. Line and S.F. Rickard 1978. Method for Evaluating Plant Fungicides, Nematicides, and Bactericides. The American Phytopathological Society, Minnesota, 139p.
- Zenk, M.H.El-Shagi, H., Arens, H., Stockingt, J.E.W. Weiler and B. Dens. 1977 Plant Tissue Culture and its Biotechnological Application, Speinger, Berlin, 218 p.
- Ziogas, B.N. and L.C. Davidse. 1987. Studies on the mechanism of action of cymoxanil in *Phytophthora infestans*. Pesticide Biochemical Physiology, 29 : 89 – 136.