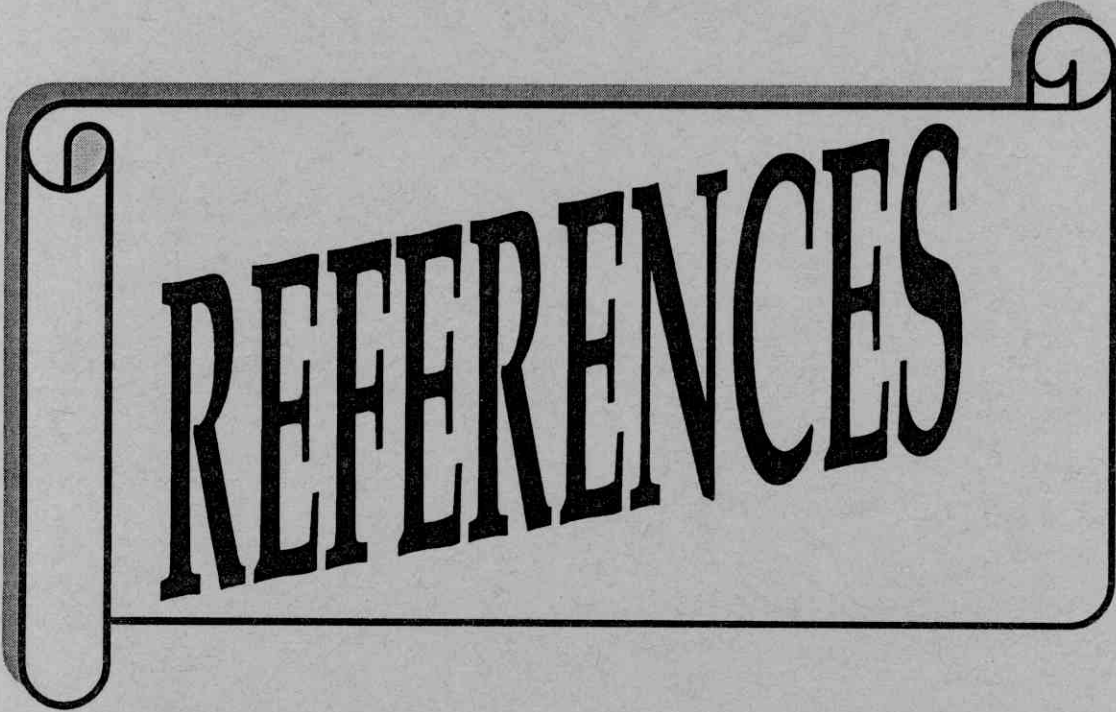
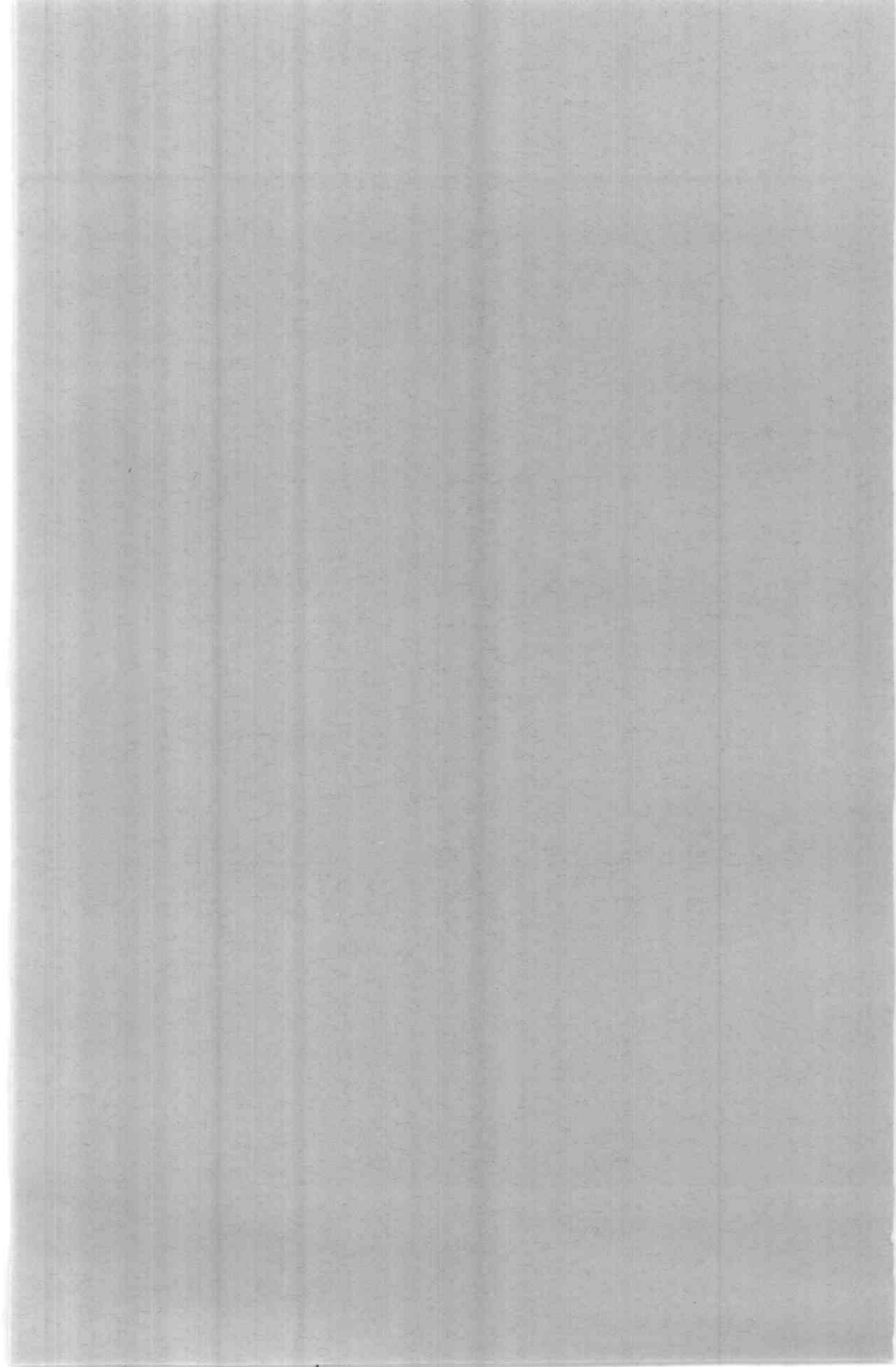




REFERENCES



VI. LITERATURE CITED

- A.O.A.C (1990):** Official Methods of Analysis 15th ed
Association of Official Analytical chemists
Washington DC, USA.
- Abbas, M. T. (1983):** Comparative study between some heavy
and shy cropping citrus cultivars under
local conditions. Ph. D. Thesis. Fac. of Agric Cairo
Uni., A.R.E.
- Abd El – Rahman, G.F. (1994):** Effect of some root stocks on
the growth and production of orange trees. M.S.c.
Thesis, Fac. Agric. El- Azhar Univ., A.R.E.
- Abd El-Rahman, M. A. (2003) :** Effect of some nutrients and
growth substances application on fruiting yield and
fruit quality of Navel orange trees . Bull of Faculty of
Agriculture, Cairo university, 54 : 2, 157 - 187 .
- Abdul, A.H., Shanglong, Z. Ming, C.D. Rong, C.L. Zhihui,
C. (1998):** Effects of CPPU, and GA₃ treatments on
fruit development of Fujiminori grape and the
possible machanisms involved. Scientia Agricultura,
31 (1): 72-94. (Hort. Abst., 68:10403).

- Abo-EL-Komsan, E. O. (1978):** Evaluation studies of some citrus Varieties grown in Middle Egypt. M. Sc. Fac. of Agric. Al- Azhar Uni Egypt.
- Agarwal. P. K. (1984):** Meiosis in an interspecific mandarin hybrid "Kinnow" *Citrus nobilis* Lowr X *Citrus deliciosa*, Ten. Current Science India, 53 (10): 547-548.(Plant Breeding Abst. 55,(5) 3927).
- Agusti, M; Carcia, M. and Guardiola, J.L. (1983):** Gibberellic acid and fruit set in sweet orange. Universidad politecnica, valencia, Spain. Scientia Horticulturae, 17 (3) 257-264.
- Ahmed, S. and Shah J.A. (1963):** Pollen viability in relation to fruitfulness in sweet lime.Pakist.J. Agric.Res,3:66-9. (Hort.Abst. .34:3606.)
- Alina, B.; Guardiola, J.L.; Garica, M.L and Qunlan; J.D. (1998):** Effect CPPU combined with NAA and carbaryl on fruit set and fruit characteristics in two apple cultivars. Acta Horticulture, No. 463, 287-294.
- Anis, M. (1998):** Cytogenetical investigations in genus Citrus I.Interand Intraspecific variation at meiosis in some species and varieties. Phytomorphology., 48:4. 3 49-3 56.

LITERATURE CITED

- Antognozzi, E., Famani, F. Palliotti, and A. Tombesi, A. (1993):** Effect of CPPU on Kiwifruit productivity. Acta Hort., 329 : 150 – 152. (Hort. Abst., 65 : 153).
- Ashkenazy; S.Y.; Oren, S. and Brosh, Y (1971):** The use of gibberellin to increase yield of Clementine. Hussadeh, 5 (9): 1023-1026 Ministry of Agric. Hadera, Israel. (Hort. Abst. 42:8378).
- Atawia, A. R. (1984):** Effect of cross-pollination and some growth regulators on fruit set and fruit and seed characteristics on some citrus cultivars; M.Sc. Thesis. Fac. of Agric. Moshtohor, zagazig Uni. Egypt.
- Atawia, A. R. (1988):** Physiogectical studies on some citrus species and varieetiess PH. D Thesis Faculty of Agriculture moshtohor.
- Babu, G. and Lavania, M. L. (1985) :**Studies on fruit size and shape in (*Citrus Limon*, Burm). as influenced by growth regulators and number of seeds in the fruit . Haryana Journal of Horticulture Sciences, 14 : 3-4, 191 – 198.
- Babu, G.H. and Lavania, M.L. (1986):** Effect of plant growth regulators on fruit set and fruit drop of Pant lemon 1- (*Citrus limons*, Burm). Indian Jour. Hort. 42 (3/4) 237-240, 9 ref. (Hort, Abst, 57 (11): 3802).

LITERATURE CITED

- Bakry, K H. A. (2001):** Response of Loquat (*Eriobotria Japonica*) trees to GA₃ IAA and BAP. The Fifth Arabian Horticulture conference, Ismailia, Egypt.
- Baku, R. S. (1989) :** Influence of zinc and growth regulators on the vegetative growth of kagzi lime (*C. aurantifolia*) . Journal of Research . APAU, 17 : 1, 83 – 86, 6 ref .
- Banerji, I. (1954):** Morphological and. cytological studies on *Citrus grandis* osbeck. Phytomorphology, 4 : 390-396.
- Belling, J. (1926):** The iron-aceto-carmin method, of Fixing and staining chromosomes. Biol. Bull. 50 : 160-162. (Cited, after McClintock, 1929).
- Biasil, R., Costa, G. Giuliani, R. Succi, F, and Sana, S. (1992):** Effects of CPPU on Kiwifruit performance. Acta Hort. 297 : 367 – 74. (Hort. Abst., 64 : 6892).
- Biasil, R; Costa, G., Gluliani, R; Succi, F and Sansavini, S. (1991):** Effect of CPPU on Kiwi Fruit performance. Acta Horticulturae 297, 367-373.
- Blondel , L. and Barbier, E. (1963):** The problem of seed in Clementine fruit's. d'outer Mer, 18:153-6 (C. F. Hort. Abs.,33:5984).

LITERATURE CITED

- Bredell, J. (1986):** Fruit set of Clementines. Citrus and Subtropical fruit research institute, No 162, 4-5 (AF, I pI) Adliad, Kaapse Middeland, South Africa. (Hort. Abst. (57) 4: 2980).
- Brosh, P. and Monselise, S.P. (1977):** Increasing yields of Topaz mandarin by Gibberellin and girdling in the presence of Minneloa, Pollinizers. Scientia Horticulturae, 7 (4): 369-372.
- Burns, R.M. (1964):** Preliminary trials indicate gibberellin delays lime maturity. Calif. Citrogr. 49: 488-90.
- Cai, M.L.; Hanchan, Y. and Chaanghoo, L. (1996):** Influence of number of cluster per vine on vine growth and fruit quality. J. Hort. Sci., 39 (1): 134-139.
- Canat, P.; Garica, J.L. ; Carot, V.; Pico, F. and Vaya, J.L. (1974):** Plant growth regulators in fruit growing. Applications of GA₃ and 2, 4, 5-TP. to improve the yield of seedless Clementines. Revista de Agro. Qui micay tecnologia Agro Umica Y. Technologyia de Alimentos, Valencia Spain. 14 (1): 106-112. (Hort. Abst. 45: 1278).
- Chapman, H.D. and Pratt, P.F. (1961):** Methods of Analysis for Soil; Plant and Water. Div. of Agric. Sci. Univ. of calljo. PP. 175-179.

- Chen, L.S.; Wan, S.Y. and Zhu, D.W. (1995):** Studies on cytology and embryology of guilin – liongfeng seeders ponkan. Acta Hort. No. 403, 16-25.
- Chu, Z.; Yeh, D. and Da Jen, Y. (1998):** Effect of CPPU on fruit characteristics of wax apples. Bulletin of National Pingtung University of science and Technology, 7:4, 265-269.
- Chundawat, B.S. and Randhava, G. S. (1971):** Studies on fruit drop in sweet lime. (*Citrus limettiodes*, Tanaka) Jour of Japanae Soc, for Hort, Sci 40 (2) 115-120 (Hort, Abst. 24 : 6898).
- Chundawat, B.S. and Randhawa, G. S. (1976):** Effect of plant growth regulators on fruit set, fruit drop and quality of Saharanpar special variety of grapefruit. Indian Jour. Hort. 19 (314) 277-282.
- Coggins, C.W.; Burn, R.M.; Hield, H.Z.; Lee, B.W. and Boswell, S.B. (1963):** Gibberellin spray on lemon in Venture country. Calif. Citrogr. 49: 3-12.
- Cruz, C.; Wooley, D.J.; Lawas, G.S. and Retmales, J. (1999):** Effect of CPPU and other plant growth regulators on fruit development in kiwifruit. Acta Horticulturae, 498, 137-178.

LITERATURE CITED

Cutuli, G. (1970): Experiments with Gibberellic acid for increasing fruit set in Clementine mandarins. *Ammoli dell Istitute Speriment also Per. L'Agrumicoltura*, 3/4 : 79- 91, (Hort. Abst. 44: 7084).

Damigella, P. and Squillaci, A. (1959): Studies on the floral biology of the Clementine and bringing unproductive trees into bearing. *Teen. Agric.*, 11: 440-463. (Hort. Abst.. 31:1287.)

Damigella, P.; Tribulato, E. and continella, G. (1970): Comparative trials with GA₃; girdling and foliar fertilizing on clementines. *Tecnica Agricola*, 22:5, 508- 525, 18 ref.

Darlington, C.D. (1937): Recent advances in cytology. Chap. 4, pp. 35-134, 2nd;. Ed. J & A Churchill Ltd., London

Deidda, P. (1971): The effect of Gibberellic acid on fruit set, productivity and fruit characteristics of Washington navel orange. *Studi. Sassavesi*, 19: 264-275. Univ. Disassari, (Hort. Abst. 43: 4007).

Deidda, P. and Agabbio, M. (1977): Some factors influencing flowering and fruit set of Clementine mandarin. In *Proceedings of the International Society of the Citriculture*, Volume 2 Lake Alfred, Florida, 588-692. (Hort. Abst. 49: 6278).

LITERATURE CITED

- Deidda.,P. (1968):** Floral biology of Citrus. II The Effect of cross-pollination on fruit morphology and quality. Studi Sossai., ser III , 16:24 - 40. (Hort. Abst. 40 : 4769.)
- Dobzhansky, Th. (1941):** Genetics and the origin of species. Chaps. 7-9, PP. 223-350, 2nd. Ed. Univ. Columbia Press, N.Y.
- Duncan, D.B. (1980):** Multiple range and multiple 'F' tests Biometric, II: 1 – 42.
- Eid, S. E.(1963):** A safe method for making squash preparations permanent. Alex. J. Agric. Research. XI(2) ; 213-215.
- El – Menshawi, E. A. (1977):** Cytological behavior in relation to fruiting and seediness in some sweet orange varieties. M. Sc. Thesis, Fac. of Agric. Alex. Uni Egypt.
- El- Shiaty, M. A. (1952):** Some morphological and histological studies in the khalily – whit and Shamouti oranges. M. Sc. Thesis, Fac. of Agric. Cairo Uni. Egypt.
- El-Hammady, M.M. and El-Desouky, I.M. (1976):** Effect of 2, 4, 5-T and GA₃ sprays on the yield and fruit-quality of Clementine mandarin. Agric. Res. Review 54 (3): 43- 46 (Hort. Abst. 48: 1789).

LITERATURE CITED

- Eliseev, V.A. (1977):** Feature of meiosis in intergeneric hybrids, Pyullete, Vsesoyuznogo Orenda Lenina I Ordena Druwnor Nardova No. 68:66-68. (Plant breeding Abst.1978,48 (9) No.8955 .
- El-Khoreiby, A.M.K. (1976):** Physiological studies on the effect of some growth regulators on growth, flowering and fruiting of orange trees. M. Sc. Thesis, Hort. Dep., Fac; Agric- Cairo. Univ.
- EL-Wakeel, A.T.; Soliman, A. F. and El- Dosouki, M. (1969):** Relationship between fruit and seeds number in Clementine Tangerine. Agri. Res. Rev, 47 (4): 34-38.
- Famiani, F.; Antognozzi, E. Tombesi, A. Moscatello S. and Battistelli, A. (1998):** CPPU induced alternations in source-sink relationships in *Actinidia deliciosa*. Acta Hort., 463 : 306-10. (Hort. Abst., 69 : 1958).
- Feng, X., Song, H.; Qian, Y. and Liu, G.J. (1999):** Effect of treatment with CPPU and GA₃ after flowering on the production and berry quality of kyoho grapes. South – China fruits, 28: 2, 41(CAB. Abst. 1998-2004).
- Fienstein, B.; Monselise, S.P. and Goren, R. (1976):** Studies on the reduction of seed number in mandarins. Hort. Sci. 10 (4): 385 – 386.

LITERATURE CITED

- Franciosi, R.T. and Ponce, A.M. (1970):** Gibberellic acid influence on Washington navel orange fruit set and development. I. Svest. Agrop. Preu, 1: 18 - 28. (Hort. Abst. 41: 7592).
- Frost, H. B. (1938):** The genetics and cytology of Citrus. Current science No. 379: 24-27.
- Frost, H. B. (1943):** Seed Reproduction : Development of gametes and Seed reproduction, development of gametes and embryos. Chap. 8 PP 767-781. from Citrus Industry, Vol.1,ed by Webber H,J and L.D Batchelor Univ. Calif. U.S.A.
- Furr, J. R. (1969):** Citrus breeding for the Arid Southwestern United States. Proc. Fir. Inte. Symposium, Vol. 1:191-197.
- Gallasch, P.T. (1978):** Attempts to control alternate cropping of Valencia orange by inhibiting flower formation with Gibberellic acid. Aust. J. Exp. Agric. and Animal Husbandry. 18 (92): 309- 312. (Hort. Abst. 48: 10929).
- Gao, H.Z. (1999):** Effect of several cytokinines on the berry weight of fujiminori grape cultivar. Sceuth china fruits, 28: 2-45. (CAB Abst. 1998- 2000/04).

LITERATURE CITED

- Garica, M.J.; Martinez, L. and Papj, M.A. (1979):** The influence of GA₃, 2, 4-D and BAP of fruit set of clementine mandarin. *Scientia Hort.* 10 (3) 285-293.
- Gilfillan, I.M.; Stevenson, J.A. and Koedemoer, W. (1974):** Gibberellic acid reduces Creasing in Late-Season Navels. South African Co-operative Citrus Exchange, Nelspruit. *Citrus and Sub-tropical fruit Jour.* No. 282: 4-5.
- Giuliani, C.; Biasi, R. and Costa, G. (1992):** Effects of CPPU on fruiting of Kiwifruit cv. Hayward. *Rivista di frutticoltura e di Ortofloricoltura.* 54 (9) : 51-54. (Hort. Abst., 64 : 8576).
- Goldschmidt, E.E.; Aharani, Y.; Eilati, S.K. Roiv, J.W. and Monsellise, S.P. (1988):** Differential counteraction of ethylene effects by gibberellin (GA₃) and N. 6-benzyl adenine in senescing Citrus peel. *Plant physiology*, 59 (2): 193- 195
- Goren, R.; Huberman, M. and Riov, J. (1994):** Effect of GA₃ and girdling on the yield of Nova and Niva orange. 7th international citrus congress, Italy, 493-499.
- Greene, D.W. (1993):** A comparison of the effects of several cytokinins on apple fruit set and fruit quality. *Acta Hort.* 329 : 144 – 46. (Hort. Abst., 65 : 86).

LITERATURE CITED

- Guerra, M.; Pedrosa, B.; e. Silva A. E.; Cornelio, M. T.M.; and Santos, K.; (1997):** Chromosome number and secondary constriction variation in 51 accessions of a citrus germplasm bank. *Brazilian Journal of Genetics.*, 20: 3, 489-496.
- Gustafson, A. (1947):** Apomixis in higher plants. Part II, pp. 108-152. *Lands Universities Arsskrift. N.P. Avd. 2 Bd. 43 Nr. 2. Kungl. Pysiografiska Salbskapets Handlingar N.F. Bd. 58 Nr 2.*
- Henzell, R.F., Briscoe, M.R. and Gravett, I. (1992):** Improving Kiwifruit vine productivity with plant growth regulators. *Acta Hort.*, 297:345 : 50. (*Hort. Abst.*, 64 : 6890).
- Hield, H. Z.; Coggins, C.W. and Garber, M.J. (1958):** Gibberellin tested on citrus. *Calif. Agric.* 12 (2): 9 – 11. (*Hort. Abst.* 29, 2972).
- Horwitz, W (1970):** Official Methods of Analysis. Association of official Analytical chemists 11th ed., washington, D.C.
- Hussain, F.A. (1979):** Comparative study on the effect of some growth regulators and Zinc on growth, flowering and fruiting of Amoun orange trees. Ph.D. Thesis in the Horticulture, Fac. of Agric. Cairo. Univ.

LITERATURE CITED

- Ibrahim, VI. A. (1995):** Studies on growth and productivity of some mandarin and tangerine varieties. M. Sc. Thesis in pomology. Fac. Agric. Cairo Univ. A.R.E.
- Interieri, C.; Filippetti, I. and Poni, S. (1993):** Effect of CPPU on berry growth and ripening in seedless and seeded desert cultivars. Rivista di Frutticoltura di ortofloricoltura. 55 (6) : 57-62. (Hor. Abst., 65 : 5790).
- Ital, A.; Tanabe, K.; Tamura, F.; Suaki, S; Yonemori, K. and Sugiura, A. (1995):** Synthetic cytokinins control persimmon fruit shape, size and quality. Journal of Horticultural science 70, 867-837.
- Iwamasa, M. (1963):** Reciprocal translocation in the Valencia range. Chromosome Inform. Serv., Tokyo No.4 9-10. (Plant Breeding Abst. 35 (3) No.507 1.)
- Iwamasa, M. (1968):** Chromosome aberrations in Citrus in relation to sterility and seedlessness. International Citrus symposium. March 16-27. Univ. of Calif Riverside. California pp. 2C.

- Iwamasa, M. and Iwasaki, T. (1963):** Sterility in Mexican lime (*Citrus aurantifolia*) induced by low tern (Bull. Hort. Res. Sta. Ser.B. No.2 25-45.).
- Izumi, H.; Ito, T. and Yoshida, Y. (1988):** Relationship between ascorbic acid and sugar content in citrus fruit peel during growth and development. Jurnal of Japanase scioty for Horticultre scionce. 57:2, 304 – 311, 22 ref. (CAB Abst. 1998-2000 / 04).
- Jackson, M.L. (1970):** Soil chemical analysis. New Jersey prentic – Hall, Inc. Englewoocl, cliffs, New Jersey.
- Joshi, A.T.; Deshmukh, P.P.; Kulawal, L.V.; Kale, P.B. and Kedar, V.P. (1977):** Role of plant growth regulators in controlling premature and pre-harvest drop in citrus. Pesticdes 11 (3): 180 22. (Hort Abst. 48: 9413).
- Kadelaki, G.V. (1938):** Karyological investigations of some cultivated. Species varieties of genus Citrus. Trudy Tbiliss. Botanickesk. Inst. (Tav. Inst. Bot. Tbilissi) (Tiflis) 4:109-120. (Russian with English, summary). (Abst. in: Biol. 14 : 4086).
- Kalalblandi , B. M.; Dahade, R. S. ; Ghadg, P. M. and Vaishali, B. (2003) :** Effect of gibberillic acid, naphthalene actetic acid and potassium nitrate on

LITERATURE CITED

- germination and growth of kagzi lime. Annals of plant physiology, 17 (1) : 84 – 87.
- Kim, C. C. (1991):** Effect of plant growth regulators on the morphological change grapevine and maturation of grape berries. 1. Effects of dipping the cluster on the maturation of grape berries. J. of the Korean-Society-for- Hort. Sci., 32 (2) : 199-205.
- Kitat, F. H.; Shahin, A. H. and Abd – Alla, M. A. (1980):** Effect of pollination and source of pollen on fruiting in some Citrus varieties. I. Chromosome behaviour in relation to pollen fertility. Alex. J. Agric. Res. 28 (3) 601-607.
- Kitat, F.M. (1959):** Cytogenetic studies of Colchipoity in *Citrus aurantifolia* Swingle, *C. limetta* Risso and *C. sinensis* Osbeck. Ph.D. Thesis, Fac. of Agriculture, Department of Plant Production, Alexandria University.
- Kohne, J.S., Kramer, K. and Schutte, J.M. (1993):** Effect of CPPU sprays on yield and fruit size in avocado cv. Hass. Year book south – African – avocado – growers association, 16 : 31-32.
- Kothari, P.R. and Birbal, A. (1997):** Comparative karyomorphological studies of some cultivated

LITERATURE CITED

- species of citrus. *Annals of Biology Luundhiana.*, 13:1, 53-75.
- Kouka, H.A. (1987):** Some factors affecting productivity of Washington navel orange. Ph. D. Thesis. Fac. of. Agric. Zagazig Unive.
- Krezdorn, A.H. (1969):** The use of growth regulators to improve fruit set in Citrus. *Proc. 1st. int.: Citrus Symp.* Riverside, Vol. 3, PP; 1113-19. (*Hort. Abst.* 41: 2359).
- Krezdorn, A.H. and Jernberg, D.C. (1977):** Field evaluation of growth regulators for fruit set. In *Proceedings of the International Society of Citricultural*, 77, 660-663. (*Hort. Abst.* 49: 6277).
- Krezdorn, A.H. and Kohen, M. (1963):** The influence of chemical fruit sprays on yield and quality of citrus. *Proc. Flo. Stat. Soc.* 75: 53-60 (*Hort. Abst.* 33:5987).
- Krezdorn, A.H. and Wiltbank, W.J. (1968):** Increasing yields of unfruitful varieties of citrus. *AR. Flaagric. EXP. Stats*, PP: 141-2 (*Hort. Abst.* 38: 1918).
- Krug, C. A. (1943):** Chromosome number in subfamily Aurantiodeae with special reference to genus citrus. *Bot. Gaz.* 104 : 602-611.

LITERATURE CITED

- Kumar, R.; Singh, T.P. and Gupta, O.P. (1975):** Effect of Growth regulators on fruit set, fruit drop and quality of Sweet lime (*Citrus limettioides*, Tanaka). Haryana. J. Hort. Sci. 4, (3/4) 123- 129.
- Lange, J.H.; Plessis, S.F.; Vincent, A.P. and Rabee, E. (1982):** Studies on clementine yield, Fruit size and mineral composition of leaves. In formation – Bulletin, citrus and subtropical fruit research Institute, 114, 7-16.
- Lawas, G.S.; Wolley, D.J.; Cruz, C.J. and Greer, D.H. (1992):** Field response of Kiwifruit to CPPU application. Acta Hort. No. 297, 351-356.
- Leao, P.C.; Lino, J.E. and Santos, E.D. (1999):** Effect of CPPU and GA₃ on the berry size of Perlette grapes grown in the san francisco vallay. Revista, Brasi leira – de – fruit cultue, 21:1, 74-78; 14 Set. (CAB Abst. 1998 – 2000/04).
- Lima, J.E. and Davies, F.S. (1984):** Growth regulators, fruit drop, yield and quality of Navel orange in Florida. J. Amer. Soc. Hort. Sci., 109 (1):81-84.
- Liu, S.; Huaping, H. and Shu, L. (1999):** Effect of CPPU on the fruit size and production of Ergongbai pear

- variety. China Fruits, No. 4, 26-27. (CAB Abst. 1998 / 08 – 2000 / 04).
- Longley, A.E.(1925):** Polycary, polyspory and polyploidy in Citrus and Citrus relatives. Wash. Acad. Sci. J. 15 : 347-551. (Cited by H.B. Frost 1943-a).
- Looney, N. E. (1993):** Improving fruit size, appearance and other aspects of fruit crop quality with plant bioregulating chemicals. Acta Horticulturae, 329, 120-127.
- Lotter, J. D. (1992):** A study of the pre – harvest ripening of Hayward Kiwifruit and how it is altered by (N- (2-chloro – 4- pyridyl) – N- phenylurea) (CPPU). Acta Hort., 297 : 357 – 66.
- Lue; J. H.; Yan, Y.Z. and Chen, L.H. (1992):** Investigation of cultural technique for obtaining high yields of navel orange in the western part of sichuan province. China – citrus, 21:4, 20. (c.f. CAB Abstracts 1998–2000 / 04).
- Luo, Z.; Zhang, Z. and Cai, L. (1999):** Study on the synergist of CPPU used for apple trees. China fruit, No. 4, 26-27. (CAB Abst. 1998 – 2000 / 04).

LITERATURE CITED

- Madbouly, M. (1969):** Cytological studies on some citrus hybrids .M. Sc. Thesis, Fac. of Agric., Alex. Univ.
- Mawlood, E.A. (1977):** Effect of growth regulators on growth and fruiting of some citrus trees. M. Sc. Thesis, Fac. Agri. Cairo Univ.
- Mazumdar, D.C. and Bhatt, D.N.V. (1977):** Effect of preharvest application of GA₃ and Ethrel on sweet orange (*Citrus Sinensis*, Osbeck) fruits. Progressive Hort. 8 (2): 89 – 91 (Hort. Abst. 47: 9877).
- McClintock, B.(1929):** A method for making aceto-carmine snears permanent. Stain. Tech. 4 : 53-56.
- Michel, A. D. and Calabrese, F. (1977):** Speed of the growth of the pollen tube in Lemon flowers in various blooming periods roceedings of the International Society of Olericulture. 2 Lake Alfred Ylorida U.S.A. (Plant Breeding Abst, 1980 50 (6) No. 5538).
- Minessy, F. A.; Kitat, F. M. and Rokba, A.M. (1965):** Genetical studies on some Citrus hybrids. Alexandria Jour. of Agri. Res., Research Bulletin No. 12.
- Miranda, M.; Ikeda, F.; Endo, T.; Moriguchi, T. and Omura, M. (1997):** Chromosome markers and

alterations in mitotic cells from interspecific Citrus somatic hybrids analysed by fluorochrome staining. Plant Cell Reports., 16: 12, 807-812.

Modest, J. C.; Rodriues, J. D. and Pinho, S. Z. (1999) : Gibberellic acid and the development of cleopatra mandarin (*citrus reshni*) seedlings. Scientia Agricola, 56 : 2.289 – 294.

Mohamed, A. and Raghuvanshi, (1980): Evalutionary significance of cromosomal association in Poncirus-Citrus hybrids. Jour. of Cytology and Genetica 15 (2) 166 – 170.

Mohamed, E. (1984): Effect of single and double pollination on fruiting and seediness of Clemetine mandarin, Washington navel orange and Sukarry orange varieties. M. Sc. Thesis in Hort. Fac. of Agric. Alex. Univ.

Monselise, S. P.; Brosh, P. and Costo, J. (1981): Off Seasson bloom in Temple orange depressed by GA₃. Hortscience, 16 : 6, 786.

Moreira, S. and Jurgel, J. A. (1941): Pollen fertility and its correlation with number of seeds in species and forms

of the genus citrus. Brogantia, Sao. Paulo 1: 669-711
(Plant Breeding Abst. 14:976).

Moss, G.I and Bellamy, J. (1973): The use of gibberellic acid
to control flowering of sweet orange. Acta. Hort. Scie,
No. 34: 207-213 (Hort. Abst. 44: 6084).

Moss, G.I. and. Bevington, K.B (1977): The use of gibberellic
acid to control alternate cropping of Late Valencia
sweet orange. Australlian Jour. of Agric. Res. 28 (6)
1041-1054. (Hort. Abst. 48: 6865).

Moustafa, S.S. (1985): Comparative study on the flowering and
fruiting of Balady and Selected mandarin. Ph. D.
Thesis. Fac. of Agric. Cairo Univ.

Mukherjee, S. S. and Cameron, J.W. (1958): Tree size and
chromosome number in a trial of tetraploid trifoliate
orange as a citrus rootstock. Proc. Amer. Soc. Hort.
Sci..72.267-72

Musahib – Ud – Din, K. and Kamil M. (1963-a):
Cytological studies in citrus – part. Genetica 33:
301-312. (Plant Breeding Abst. No. 10 15).

Musahib- Ud – Din, K. and Kamil, M. (1963-e): Cytological
observations on some citrus varieties. Proc. of the

fifteenth pakistan Science conference, Laahore, Part
111. (Plant Breeding Abst. 1970. 40 (4) 6763).

Naithani, S.P. and Ragbuvanshi, S.S. (1963): Cytological
studies in the genus *Citrus*. Nature 181 (4620) : 1406-
7.

Nasrallah, M. E. and Hop, R. T.(1963): Interspecific crosses
between *Solanum melongena* L. (egg plant) and
related Solanum species. Proc. Amer. Soc. Hort. Sci.,
83 : 571-578.

Nickell, L..G. (1986-b): The effect of (N- (2-chloro-4- pyridyl)-
N- phenylurea) and the 3- chlorobenzyle ester of
dicamba on the growth and suger content of grapes.
Acta Hort., 11 (179): 805-06. (Hort. Abst., 57:1051).

Nickell, L.G. (1985): New plant growth regulator increases
grape size. Plant Growth regulator Society of
America. (Hort. Abst., 56 : 6845).

Nickell, L.G. (1986-a): Effect of (N- (2-chloro – 4- pyidyl) – N-
phenylurea) on grape and other crops. Proceedings of
the plant growth regualtor Society of America, 236-
241.

LITERATURE CITED

- Nishiura, M. and Iba, Y. (1964):** Effect of gibberelin spray on Citrus. Bull, Hort, Res. Stat. olilus, Ser. B. 3.27-49. (Hort. Abst. 35: 187).
- Panwar, K.S., Sharma, S. and Seherawat, S.K. (1994-a):** Effect of plant growth regulators on uneven ripening of Beauty saadless grapes (*Vitis vinifera* L.) I. Colour development and pre – harvest berry drop. International J. of Tropical Agric., 12 (1-2): 158 – 62. (Hort. Abst., 65 : 5787).
- Panwar, K.S., Sharma, S. and Seherawat, S.K. (1994-b):** Effect of plant growth regalators on uneven ripening of Beauty seedless grapes (*V. vinifera* L.) II. Fruit characters and maturity time. International J. of Tropical Agric., 12 (1-2) : 163 – 66 (Hor: Abst., 65 : 5788).
- Patterson, K.J., Mason, K.A., and Gould, K.S. (1993):** Effects of CPPU (N- (2 – chloro – 4- pyidyl)-N – phenylurea) on fruit growth, maturity and storage quality of Kiwifruit. New Zealand Jouinal and storage quality of Kiwifriut. New Zealand journal of crop and Horticultural Science, 12 (3): 253-261 (Hort. Abst., 64:6101).

- Rabe, E.; Walt, H.P, and Van, D.W. (1993): Effect of pre-blossom low biuret urea spays on yield improvement in specific citrus cultivars. *Citrus Journal*, 3:4, 26-28.
- Raghuvanshi, S.S. (1962-a): Cytogenetical studies in genus *Citrus II. C. assamensis*. *Caryologia*, 15 : 143-149.
- Raghuvanshi, S.S. (1962-b): Cytogenetical studies in genus *Citrus IV. Evolution* in genus *Citrus*. *Cytologia* 27 : 172-188.
- Ramirez, D.A., and T.T. Chang, (1965): Cytological and histological studies of sterility in hybrids of twelve Indica Japonica crosses. *The Philippine Agriculturist* Vol. XIIX, No. 4, PP. 245.
- Randhava, G. S. and Choudhury, S. C. (1960): Studies on Cytology of Lemon (*Citrus limon*, Burm). *Hort. Advance. Suharanpur*, 4 : 68-71. (Plant Breeding Abst. 32 (2) No. 2392).
- Randhawa, G.S. and Dhuria, H.S. (1965): Effect of plant growth regulators on fruit set and fruit drop in citrus. It Sweet lime (*Citrus limettioides*, Tanaka). *Indian Jour. of . Hort.* No. 2: 131 – 139.
- Randhawa, G.S. and Sharma, B.B. (1962): Effect of plant growth regulators on fruit set, drop and quality of

LITERATURE CITED

- sweet orange (*Citrus sinensis*) Indian J. Hort. 19: 83-91.
- Rao; J.; Guo, W.; Peng, L. and Zhang, J.K. (1999):** The effect of CPPU on apple fruit morphological development and endogenous cytokin in content. Scientia Horticulture sinica, 32:5, 101-103.
- Resnik, M. E. (1958):** Physiology and Longevity of citrus pollen. (Rev. Invest. Agric., AB acrics, 12: 311-343. (Plant Breeding Abst., 29 (4) No. 4372).
- Retamales, J., Bangerth, F. Cooper, T. Callejas, R. and Halevy, A.H. (1995):** Effects of CPPU and GA₃ on fruit quality of Sultanina table grape. Acta Hort., 394: 149-157.
- Retamales, J., Rivas, A. and Pinto, M. (1998):** A novel mixture of gibberellins can replace both GA₃ and CPPU on Thompson seedless grapes. Acta Hort., 463: 219-224. (Hort. Abst., 69:2035).
- Retmales, J. ; Rivas, A. and Pinto, M. (1993):** Effects of GA₃ on fruit set of grape. Acta Hort., 392: 206-212.
- Reynolds, A.G., Wardle, D.A Zurowski, C. and Lonney, N.E. (1992):** Phenylureas CPPU and Thidiazuron affect yield components, fruit composition and storage

LITERATURE CITED

potential of four seedlings grape selections. J. Amer. Soc. Hort. Sci., 117 (1) : 85 – 89. (Hort. Abst. 63:3339).

Richard, N. A. (1992): Plant growth substances. Principles and applications. The persy (vania state Univ. chapman and Hall PP. (200-221).

Roose, M. L.; Schwarzacher, T. and Heslop, Harrison J. S. (1998): The chromosomes of Citrus and Poncirus species and hybrids: identification of characteristic chromosomes and physical mapping of r-DNA loci using in situ hybridization and fluorochrome banding. J. of Heredity., 89: 1, 83-86.

Roy, B.N. (1973): Growth substances prevent flower drop in acid lime. Allahabad farmer, 44 (5): 275-277 (Hort. Abst. 43: 1499).

Russo, F.A. ; Starrantion, and Recupero, G. R. (1978): Comparative studies on nuclear and ordinary clones in citrus species, especially orange (*C. Sinensis*, Osbeck) Annali dell'Institute Sperimentale per Agrumicoltura. 718 : 121a 136. (C. F. Hort. Abst 48: 38921).

LITERATURE CITED

- Sahrighy, M. A.; Kitat, F. M. and Mallah, G.S. (1972):**
Cytological studies on citrus species. I-Cytological
behavior. Egypt, J. Genet. Cytol. 2 : 57-64.
- Salem, E.A. (1963):** Studies on the effect of gibberellic acid on
fruit set development and constituents of Washington
navel orange. M. Sc. Thesis. Fac. of Agric. Cairo
Univ.
- Samoladas, G.H. (1963):** Effects of growth stimulators on
mandarins (Russian) Sadovdstov, No. 12, PP. 32-7
(Hort. Abst. 34: 3601).
- Saria, M. A. and Malik, M. M. (1975):** Nucellar embryony,
Pollen viability and pistillate flowers in different
citrus varieties. (Pakistan Jour.of.Scie.Res., 27 (1/4):
105 - 111. (Plant Breeding Abst., 48 (8) No. 7978).
- Sharawy, A. M. (1992):** A comparative study for some citrus
species and Varieties growth in Egypt and Sudan and
the effect of environmental factors on the quality of
fruits and yield. M. Sc. Thesis, African studies. IARS.
- Sharda, D.(1960):** Cytology of Rutaceae and. Simarubaceae.
Cytologia 25(1) : 28-35.

- Sharma, B.B. and Randhawa ; G.S. (1969):** Studies on fruit set and fruit drop in citrus. Iv. Sweet orange. Indian J. Hort. 23:12 -20.
- Sherif, F. M. (1983):** The effect of reciprocal crosses on on fruit characteristics of some citrus varieties. M.Sc. Thesis, Fac. of Agric. Cairo Univ. A.R.E.
- Singh I.S. and Gupta, O.P. (1972):** Note on the effect of 2, 4-D; 2, 4, 5-T and GA₃ on fruit set, drop, yield and size of Mosambi (*Citrus sinensis*, Osbeck) Indian Jour. of Agric. Res. 6 (1): 68-70 Agric. Ins., Mllahabad. (Hort. Abst. 43: 8091).
- Singh, I. P.; Sheo, G. and Govind, S. (2000) :** Effect of urea, GA and Zn So₄ spray on the growth of citrus seedling in two species. Annal of plant physiology, 14 : 1, 39 - 42 ; 12 ref.
- Singh, I. S. (1967):** Floral biology of grapefruit (*Citrus paradisi*, Meaf.) Punjab. Hort. J. 7 (3/4): 94-101. (Plant Breeding Abst., 40 (3)5978).
- Singh, J. P. and Dhuria, H. S. (1960):** Studies on floral biology of sweet lime. (*Citrus limettiodes*, Tanaka) Indian Jour. Hort. 17 : 9-20. (Plant Breeding Abst., 32 (4) 5312).

LITERATURE CITED

- Smith, C.J. (1992):** Improve of fruit set of navels in the citrus. Inlight ingussbulletin – Institut – vir – Tropiese-en- sub tropies grware No. 240, 27-32. (C.F. CAB Abstracts).
- Smith, L.(1947):** The aceto-carmin smear technic. Stain techn. 22 : 17-31.
- Snedecor, G.W. and Cochran, W.G. (1972):** Statistical Methods 6th Ed, The Iowa state univ. press, Amers Iowa U.S.A., pp 593.
- Soost, E.K.(1955):** Citrus pollination. The Calif. Citrograph, Vol. 48, No. 12 :447-452
- Sotomayor. S.C. (1996):** Effectiveness of CPPU and other growth regulators on kiwifruit growth. Ciencia Invertigation Agraria, 23:2-3, 91-98.
- Souza , P.V. (2000):** Effect of arbuscular mycorrhizae and gibberalic acid interaction on vegetative growth of carrizocitrauge seedlings. Ciencia Rural, 30 : 5, 783 – 787, 24 ref.
- Staffens, L.; Waug, S. Y. and Byun, J.K. (1984) :** Effects of altering gibberellin availability on growth and chemical composition of apple seedlings. Proceedings eleventh annual meeting, plant growth regulators

society of America, Boston, Boston, Massachusetts,
45.

Swietlk, D. (1986) : Effect of gibberellin inhibitors on growth and mineral nutrition of Soul orange seedlings .
Scientia Horticulturae, 29 : 4, 325 – 333 ; 25 ref .

Tartarini, S., Sansa, S. and Ventura, M. (1993): CPPU control of fruit morphogenesis in apple. *Scientia Hort.*, 53 (4) : 273-279. (*Hort. Abst.*, 63 : 4044).

Thomas, P.T.(1940): The aceto-carminic methods for fruit material. *Stain. Techn.* 15 : 167-172.

Thukral, B. R. ; Ranvir, S. ; Misra, K. K.; Jaiswal, H. R. and Singh, R. (1994) : Effect of plant growth regulators on growth and mineral composition of leaves of lemon (*Citrus limon*, Burm) *Annals of Agricultural Research* . 15 : 3, 306 – 309, 13 ref.

Traub, H. P. and Robinson, T. R. (1937): Improvment of subtropical friut crpos, Cillus, U. S. Dept. Age. Year book, 749-826.

Vanderwyen, A. (1969): The utilization of GA₃ on clementines. *Awima*, No. 33, 9-23.

- Vardi, A. and Spiegel-Roy, P. (1981):** Gene-controlled meiosis in *Citrus reticulata*. Tokyo, Japan, International Society of Citriculture. 26-27.
- Venkatesvarlu, G. and Lavania, M. L. (1985):** Pollina lemon (*Citrus limon*. L. Burm F (CV Pant Lemon-) Haryana. Jour. of Hort. Sci., 14 (3/4):182-286. (Hort.Abst. 6017.)
- Vu, J. C. and Yelenosky, G. (1988):** Biomass and photosynthesis responses of rough lemon (*C. Jambhiri*) to growth regulators. Canadian Journal of plant science, 68 : 1, 261- 266. (CAB Abst. 1998 / 08 – 2000 / 04).
- Weheda, B. L. (1972):** Cytological behaviour in relation to fruiting in some lime varieties (*Citrus aurantifolia*, Swingle) M. Sc. Thesis, Alex.Univ. A.R.E.
- Xu, K.; Yang, J.; Zhong, J. and Wei, S. (1998):** Study on the effect of CPPU treatment on *Actinidia deliciosa*. Szechuan fruits, 27: 2, 23.
- Yang, G.H. and Nakagawa, A. (1969):** The Critical period of degeneration of tapetum and pollen grains in Satsuma orange (*Citrus unshiu*, Marc). Jour Jap. Soc. Hort. Sci. 38 : 127-143. (Plant Breeding Abst. 1971, 41 (2) No.3727 .

- Yesiloglu, T. and Tuzcu, O. (1993)** : Effects of girdling and GA₃ applications on fruit yield and mineral composition of leaves in clementine mandarin . Doga, Turk-Tarim –Ve- Ormancillik – Dergisi, 17 : 1, 149 – 167, 12 ref.
- Yesiololu, T.; Tuzcu, O.; Kaplankiran, M. and Ozsan, M. (1992)**: Effect of gridling and GA₃ application on carbohydrate levels in leaves of clementin mandarin. Doga – turk – Tarim ve ormancilik Dergist, 16:1, 252-270.
- Zacharia, D. B. (1951)**: Flowering and fruit setting of Shamouti orange trees. Palestine Jour. Bot. 8:84-94 (Plant Breeding Abst. No. 2215).
- Zhang; G.; Gao, K.; Wang, X. and Hang, H. (1998)**: Study on the effect of spraying CPPU and GA₃ on the fruit characteristics of loquat fruit trees. South – china fruit, 27 : 1, 30-31.