BIBLIOGRAPHY

Adams, S.R., Pearson, S., and Hadley, P. (1997). The effects of temperature, photoperiod and light integral on the time to flowering of pansy cv. Universal Violet (*Viola*× *witrockiana* Gams). *Annals of Botany*, **80**: 107-112.

Admasu T., and Struikb P.C. (2000). Influence of repetitive transplanting and leaf pruning on dry matter and food production of enset (Ensete ventricosum Welw. (Cheesman)). *Field Crops Research*, **68**: 61-74.

Ainsworth, E.A., and Rogers, A. (2007). The response of photosynthesis and stomatal conductance to rising [CO2]: mechanisms and environmental interactions. *Plant Cell Environ*, **30**: 258–270.

Albrecht, V.A., and Xing, W.D. (1996). Light control of seedling development. *Annu. Rev. Plant Physiol. Plant Mol. Biol.* **47:** 215–43.

Allan, A., Junming, W., Ted, W.S., John, G.M., Luke, J.S., David, R.M., and Vince, P.G. (2006). A model of pecan tree growth for the management of pruning and irrigation. *Agricultural Water Management*, **84**: 77 – 88.

Ana, P.A.V., Rita, C.L., Figueiredo, R., and Gilberto, B.K. (2004). Photoperiod and temperature effects on in vitro growth and flowering of *P. pusilla*, an epiphytic orchid. *Plant Physiology and Biochemistry*, **42**: 411–415.

Andrea, M., Maurizo, V., Hiroshi, G., and Silviero, S. (2004). Effect of some plant growth regulator treatments on apple fruit ripening. *Plant Growth Regulation*, **25**: 127-134.

Angeles, C., Dolors, R., Elisa, G., and Pedro, F.M. (2008). Light acclimation in rose (Rosa hybrida cv. Grand Gala) leaves after pruning: Effects on chlorophyll a fluorescence, nitrate reductase, ammonium and carbohydrates. *Scientia Horticulturae*, **111**: 152–159.

Anthony, T.Y., Angelo, R., Wesley, P.H., and Roy, M.S. (1974). Enhanced inflorescence development in bougainvillea san diago red by removal of young leaves and cytokinin treatments. Plant Physiology, **54**: 404-407.

Antunes, M.D.C., and Sfakiotakis, E.M. (2002). Chilling induced ethylene biosynthesis in 'Hayward' kiwifruit following storage. *Sci. Hortic.*, **92**: 29–39.

Arakawa, O., Kanno, K., Kanetsuka, A., and Shiozaki, Y. (1997). Effect of girdling and bark inversion on tree growth and fruit quality of apple. *Acta Hort.*, **45**: 579-586.

Arshad, M., Frakenberger, W.T. (2002). Ethylene. Dordrecht, NL: Kluwer Academic Press.

Asare-Boamah N.K., Hofstra, G., Fletcher, R.A., and Dumbroff, EB. (1986). Triadimefon protects bean plants from water stress through its effects on ABA. *Plant Cell Physiology*, **27**: 383-390.

Atsushi, M., and Tsuneo, K. (2008). Diurnal and seasonal variation in bulk stomatal conductance of the rice canopy and its dependence on developmental stage. *Agricultural and Forest Meteorology*, **148**: 1161–1173.

Avner, C., and Staden, (1983). Role of roots in regulating the growth and cytokinin content in leaves. *Plant Physiol*, **73**: 76-78.

Ballare, C.L., (1999). Keeping up with the neighbours: phytochrome sensing and other signalling mechanisms. *Trends in Plant Science*, **4**: 97-102.

Basile, B., Reidel, E.J, Weinbaum, S.A., and DeJong, T.M. (2003). Leaf potassium concentration, CO2 exchange and light interception in almond trees (Prunus dulcis (Mill) D.A. Webb). *Scientia Horticulturae*, **98**:185–194.

Beatriz, C., and James, J.G. (2008). Molecular biology of ethylene during tomato fruit development and maturation. *Plant Science*, **175**: 106–113.

Bednarz, C.W., and Oosterhuis, D.M. (1999). Physiological changes associated with potassium deficiency in cotton. *J. Plant Nutr.*, **22**: 303–313.

Bednarz, C.W., Oosterhuis, D.M., and Evans, R.D. (1998). Leaf photosynthesis and carbon isotope discrimination of cotton in response to potassium deficiency. *Environmental and Experimental Botany*, **39**: 131–139.

Ben, A.M., Flores, B., Latche, A., Bouzayen, M., Pech, J.C., and Fomojaro, F. (1999). Inhibition of ethylene biosynthesis by antisense ACC oxidase RNA prevents chilling injury in *Charentais cantaloupe* melons. *Plant Cell Environ*, **22**: 1579–1586.

Ben, C., and Bullockb, S. (2007). Shedding light on plant competition: Modeling the influence of plant morphology on light capture (and vice versa). *Journal of Theoretical Biology*, **244**: 208–217.

Bertaminia, M., Muthuchelianb, K., Rubinigga, M., Zorera, R., Velascoa, R., and Nedunchezhiana, N. (2006). Low-night temperature increased the photoinhibition of photosynthesis in grapevine (Vitis vinifera L. cv. Riesling) leaves. *Environ. Exp. Bot.*, **57**: 25–31.

Bibi, A.C., Oosterhuis, D.M., and Gonias, E.D. (2008). Photosynthesis, quantum yield of photosystem ii and membrane leakage as affected by high temperatures in cotton genotypes. *The Journal of Cotton Science*, **12**: 150–159.

Black, B.L., Petracek, P.D., and Bukovac, M.J. (1995). The effect of temperature on uptake of NAA by leaves of Redchief 'Delicious' apple. *J. Am. Sot. Hortic. Sci.*, **120**: 441-445.

Blazquez, M.A, Ahn, J.H., and Weigel, D. (2003). A thermosensory pathway controlling flowering time in *Arabidopsis thaliana*. *Nature Genetics*, **33**: 168-171.

Bleecker, A.B, and Kende, H. (2000). Ethylene: a gaseous signal molecule in plants. *Annual Review of Cell and Developmental Biology,* **16**: 1–18.

Boss, P.K., Bastow, R.M, Mylne, J.S., and Dean, C. (2004). Multiple pathways in the decision to flower: Enabling, promoting, and resetting. *Plant Cell*, **16**: S18-S31.

Brent, L.B., Bukovac, M.J., and Jerome, H.J. (1995). Effect of spray volume and time of NAA application on fruit size and cropping of Redchief 'Delicious' apple. *Scientia Horticulturae*, **64**: 253-264.

Brooking, I.R., and Cohen, D. (2002). Gibberellin-induced flowering in small tubers of Zantedeschia 'Black Magic'. *Scientia Horticulturae*, **95**: 63-73.

Calatayud, A., Iglesias, D.J., Talon, M., and Barreno, E. (2004). Response of spinach leaves (Spinacea oleracea L.) to ozone measured by gas exchange, chlorophyll a fluorescence, antioxidant system, and lipid peroxidation. *Photosynthetica*, **42**: 23–29.

Calatayud, A., Ramirez, J.W., Iglesias, D.J., and Barreno, E. (2002). Effects of ozone on photosynthetic CO2 exchange, chlorophyll a fluorescence and antioxidant systems in lettuce leaves. *Physiol. Plant*, **116**: 308–316.

Calatayud, A., Roca, D., Gorbe, E., and Martynez, P.F. (2008). Physiological effects of pruning in rose plants cv. Grand Gala. *Scientia Horticulturae*, **116**: 73–79.

Calatayud, A., Roca, D., Gorbe, E., and Martynez, P.F. (2007). Light acclimation in rose (Rosa hybrida cv. Grand Gala) leaves after pruning: effects on chlorophyll a fluorescence, nitrate reductase, ammonium and carbohydrates. *Sci. Hort.*, **111**: 152–159.

Cameron, A.C., and Reid, M.S. (1983). Use of silver thiosulfate to prevent lower abscission from pottedplants. *Sci. Hort.*, **19**: 373-378.

Campbell S.J., and Miller, C.J. (2002). Shoot and abundance characteristics of the seagrass Heterozostera tasmanica in Westernport estuary (south-eastern Australia). *Aquat. Bot.*, **73**: 33-46.

Celikel, F.G., Dodge, L.L., and Reid, M. (2002). Effect of 1-MCP and promalin for extending the postharvest life of oriental lilies (Lilies x Mona Lisa and Stargazer). *Scientia Horticulture*, **93**: 149-155.

Cerdan, P.D., and Chory, J. (2003). Regulation of flowering time by light quality. *Nature*, **423**: 881-885.

Chang, Y.S., and Chen, H.C. (2001). Variability between silver thiosulfate and 1-naphthaleneacetic acid applications in prolonging bract longevity of potted bougainvillea. *Scientia Horticulturae*, **87**: 217-224.

Cheng, L., and Fuchigami, L.H. (2000). Rubisco activation state decreases with increasing nitrogen content in apple leaves. *Journal of Experimental Botany*, **51**: 1687-1694.

Chert, W.S., Liu, Z.H., Yang, L., and Chen, W.H. (1994). Gibberellin and temperature influence carbohydrate content and flowering in *Phalaenopsis*. *Physiol. Plant*, **90**; 391-395.

Chooruut, P., and Kanlayanarat, S. (2002). Effect of silver thiosulphate pulsing on vase life of Dendrobium Caesar. Poster. 17th World Orchid Conference and Show. Sha Alam, Malaysia. 24th April-2nd May 2002.

Claus, S. (2008). Understanding gibberellic acid signaling- are we there yet. *Current Opinion in Plant Biology*, **11**: 9-15.

Coder, K.D. (1997). Crown Pruning Effects on Roots. www.http://warnell.forestry.uga.edu/warnell/service/library/index.php3?docID=146

Cremer, F., Havelange, A., Saedler, H., and Huijser, P. (1998). Environmental control of flowering time in *Antirrhinum majus*. *Physiologia Plantarum*, **104**: 345-350.

Cushman, L.C., and Pemberton, H.B. (1994). Cultivar, fower stage, silver thiosulfate, and BA interactions affect performance of potted miniature roses. *Hort Science*, **29**: 805-808.

Daniells, J., Liste, A., and Bryde, N. (1994). Effect of bunch trimming and leaf removal at flowering on maturity bronzing, yield, and other aspects of fruit quality of bananas in North Queensland. *Australian Journal of Experimental Agriculture*, **34**: 259–265.

Davie, S.J., Stassen, P.J.C., and Martie, W. (1995). Girdling for increased 'Hass' fruit size and its effect on carbohydrate production and storage. Proc. of the World Avocado Congress pp. 403-407.

Dimitrios, P.N., Tzanetos, I.C., Georgia, P.N., and Nikos, P. (2008). Portable sensor for the rapid detection of naphthalene acetic acid in fruits and vegetables using stabilized in air lipid films with incorporated auxin-binding protein 1 receptor. *Talanta*, **77**: 786–792.

Doi, M., Mizuo, T., and Imanishi, H., (1992). Postharvest quality of potted *Impatiens walleriana* Hook. F ex. D. Oliver as influenced by silver thiosulphate application and light condition. *J. Japan Soc. Hort. Sci.*, **61**: 643-649.

Dostal, D.L., Agnew, N.H., Gladon, R.J., and Weigle, J.L. (1991). Ethylene, simulated shipping, STS, and AOA affect corolla abscission of New Guinea Impatiens. *Hort. Science*, **26**: 47-49.

Dubois, M., Giles, K.A., Hamilton, J.K., Rebers, P.A., and Smith, F. (1956). Colorimetric method for determination of sugars and related substances. *Anal. Chemistry*, **28**: 350-356.

Egilla, J.N., and Davies, J.F.T. (1995). Response of Hibiscus rosa-sinensis L. to varying levels of potassium fertilization: growth, gas exchange and mineral concentration. *J. Plant Nutr.*, **18**: 1765–1783.

Elfving, D.C., Lougheed, E.C., and Cline, R.A. (1991). Daminozide root pruning, trunk scoring and trunk ringing effects on fruit ripening and storage behavior of McIntosh apple. *J. Amer. Soc. Hort. Sci.*, **116**: 195-200.

Elgar, H.J., Fulton, T.A., and Walton, E.F. (2003). Effect of harvest stage, storage and ethylene on the vase life of Leucocoryne. *Postharvest Biology and Technology*, **27**: 213-217.

Ellis, R.H., Hadley, P., Roberts, E.H., and Summerfield, R.J., (1990). Quantitative relations between temperature and crop development and growth. *In*: Jackson MT, Ford-Lloyd BV, Parry ML, eds. Climatic Change and Plant Genetic Resources. Belhaven Press, London, p.85-115.

Emongor, V.E. (2004). Effect of gibberellic acid on postharvest quality and vase life of gerbera cut flowers (Gerbera *jamesonii*). *Journal of Agronomy*, **3**: 191-195.

Fatama, E.M.Q., Magda M.K., and Mona, H.M. (2007). Some studies on the effect of paclobutrazol on the growth and chemical composition of Bougainvillea glabra L. at nubaria. *American Eurasian J. Agric. And Environ. Sci.*, **2**: 552-558.

Fernandez, A.M.T., Canabate, B., Segura, A., Costa, J.M., Pereiro, R., Sanz, M.A., and Fernandez, A. (2005). *Talanta*, **66**: 696.

Fernfindez, J.A., Banon, S., Franco, JA., Gonzfilez, A., and Martinez, P.F. (1997). Effects of vernalization and exogenous gibberellins on curd induction and carbohydrate levels in the apex of cauliflower (*Brassica oleracea* vat. *botrytis*). *Scientia Horticulturae*, **70**: 223-230.

Ferrante, A., Hunter, D.A., Hackett, W.P., and Reid, M.S. (2002). Thidiazuron a potent inhibitor of leaf senescence in Alstroemeria. *Postharvest Biol. Technol.* **25**: 333-338.

Ferree, O.C., Clayton, K.A.G., and Bishop, B. (1993). Influence of orchard management system on canopy composition, light distribution, net photosynthesis and transpiration of apple trees. *J. Hortic. Sci.*, **68**: 377-392.

Galmes, J., Medrano, H., and Flexas, J. (2007). Photosynthesis and photoinhibition in response to drought in a pubescent (var. *minor*) and a glabrous (var. *palaui*) variety of *Digitalis minor*. *Environ*. *Exp. Bot*. **60**: 105–111.

Georges, B., Andree, H., Claude, H., Anne, P., and Pierre, L. (1993). Physiological signal that induce flowering. *The Plant Cell*, **5**: 1147-1155.

Goltsev, V., Zaharieva, I., Lambrev, P., Yordanov, I., and Strasser, R. (2003). Simultaneous analysis of prompt and delayed chlorophyll a fluorescence in leaves during the induction period of dark to light adaptation. *Journal of Theoretical Biology*, **225**: 171–183.

Gomez, M.C., Pineiro, M., Franco, Z.J.M., Salinas, J., Coupland, G., and Martinez, Z.J.M. (2001). Early bolting in short days: An *Arabidopsis* mutation that causes early flowering and partially suppresses the floral phenotype of *leafy*. *Plant Cell*, **13**: 1011-1024.

Gordon, B., (2002). Bougainvillea tutorial, www.askmar.com/Bougainvilleas/Bougainvilleas.

Gordon, D.M., Grey, K.A., Chase, S.C., and Simpson, C.J. (1994). Changes to the structure and productivity of a *Posidonia sinuosa* meadow during and after imposed shading. *Aquat. Bot.*, **47**: 265–275.

Goro, T., Kotarou, Y., Ritsuko, K., Nobuaki, H., and Mitsuo, O. (2001). Plant hormone regulation on scopoletin metabolism from culture medium into tobacco cells. *Plant Science*, **160**: 905-911.

Gregory, B., Robert, R., Bernard, L., and Serge, R. (2001). Effect of NAA on the development, apoplastic peroxidase activities, and peroxidase isoenzymes in chicory root explants. *Journal of Plant Physiology*, **158**: 963-969

Guangxiu, L., Wei, Z., Tuo, C., Xuelin, C., Yongshan, L., and Lizhe, A. (2009). Gender-specific carbon discrimination and stomatal density in the dioecious tree of *Hippophate rhamnoides*. South African Journal of Botany, **75**: 268–275.

Guo, K., and Marinus, J.A.W. (1999). Different responses to shade of evergreen and deciduous oak seedlings and the effect of acorn size. *Acta Oecologica*, **20**: 579-586.

Hackett, W.P., Sachs, R.M., and Debie, J. (1972). Growing bougainvillea as a fowering pot plant. *Calif.Agric.*, **26**: 12-13.

Halevy, A.H., and Kofranek, A.M. (1976). The prevention of fower bud and leaf abscission in pot roses during simulated transport. *J. Am. Soc. Hort. Sci.*, **101**: 658-660.

Han, S.S., and Boyle, T.H. (1996). Ethylene affects postproduction quality of Easter cactus. *J. Am. Soc. Hort. Sci.*, **121**: 1174-1178.

Heather, A., Hatt, G., Dennis, R., and Decoteau, (1997). Young watermelon plant growth responses to end-of-day red and far-red light are affected by direction of exposure and plant part exposed, *Scientia Horticulturae*, **69**: 41-49.

Hossain, A.B.M.S., (2006). Dwarfing peach trees grafted on vigorous rootstock by summer pruning and partial ringing", *PhD. Thesis*, Ehime University, Japan.

Hossain, A.B.M.S., Amru, N.B., and Normaniza, O. (2007). Postharvest quality, vase life and photosynthetic yield (Chlorophyll Fluorescence) of bougainvillea flower by applying ethanol. *Australian Journal of Basic and Applied Sciences*, **1**: 733-740.

Hossain, A.B.M.S., and Fusao, M. (2008). Determination of abscisic acid hormone (ABA), mineral content, and distribution pattern of 13C photoassimilates in bark-ringed young peach trees. *Mj. Int. J. Sci. Tech.*, *2*: 274-284.

Hossain, A.B.M.S., Mizutani, F., and Onguso, J.M. (2004). Effect of partial and complete ringing on carbohydrates, mineral content and distribution pattern 13C-photoassimilates in young peach trees. *Asian J. Pl. Sci.*, **3**: 498-507.

Hoying, S.A. (1992). Effect of chain saw girdling and root pruning of apple trees. *Acta Hort.*, **322**: 167-172.

Hoying, S.A., and Robinson, T.L. (2000). The apple orchard planting system puzzle. *Acta Horticulturae*, **513**: 257–260.

Hye, J.K., and William, B.M. (2009). GA4+7 plus BA enhances postproduction quality in pot tulips. *Postharvest Biology and Technology*, **51**:272–277.

Hye, J.K., and William, B.M. (2008). Effects of GA4+7 and benzyladenine application on postproduction quality of 'Seadov' pot tulip flowers. *Postharvest Biology and Technology*, **47**: 416–421.

Ichimura, K. (1998). Improvement of postharvest life in several cut flowers by the addition of sucrose. *Jpn. Agric. Res. Q.*, **32**: 275-280.

Ichimura, K., and Goto, R. (2002). Extension of vase life of cut Narcissus tazetta var. chinensis flowers by combined treatment with STS and gibberellin GA₃. *J. Am. Soc. Hort. Sci.*, **71**: 226-230.

Ichimura, K., Kohata, K., and Goto, R. (2000). Soluble carbohydrates in *Delphinium* and their influence on sepal abscission in cut flowers. *Physiol. Plant.*, **108**: 307–313.

Irene, O., Fernando, G.B., Juan J.V., and Lucas, J.P.L. (2007). Effects of light and biomass partitioning on growth, photosynthesis and carbohydrate content of the seagrass *Zostera noltii* Hornem. *Journal of Experimental Marine Biology and Ecology*, **345**: 90–100.

Israeli, Y., Plaut, Z., and Schwartz A. (1995). Effect of shade on banana morphology, growth and production. *Scientia Horticulturae*, **62**: 45-56.

Iwona, C., Henrik, J., and Leszek, A.K. (2005). Interactive effects of phosphate deficiency, sucrose and light/dark conditions on gene expression of UDP-glucose pyrophosphorylase in Arabidopsis. *Journal of Plant Physiology*, **162**: 343-353.

Jack, T. (2004). Molecular and genetic mechanisms of floral control. *Plant Cell*, **16**: S1-S17

James, H.A., and Jeffrey, G.N. (1996). Effect of plant growth regulators on growth of Barbara karst Bougainvillea. *Proc. Fla. State Hort. Soc.*, **109**: 3-4.

Jason, J.G., Thomas, G.R., and Pharr, D.M. (2004). Photosynthesis, chlorophyll fluorescence, and carbohydrate content of illicium taxa grown under varied irradiance. *J. Am. Soc. Hort. Sci.*, **129**: 46–53.

Jean, S., Pierre-Eric, L., Nicolas, D., Nicolas, H., Salma, T., and Herve, S. (2007). Architecture of the pruned tree: impact of contrasted pruning procedures over 2 years on shoot demography and spatial distribution of leaf area in apple (*Malus domestica*). *Annals of Botany*, **99**: 1055-1065.

Jessen, C.A., Rundgren, M, Bjorck, S., and Muscheler, R. (2007). Climate forced atmospheric CO2 variability in the early Holocene: A stomatal frequency reconstruction. *Global and Planetary Change*, **57**: 247–260.

Johnson, G. (1998). Plant health care update. A Newsletter. Minnesota University, Extension Service, Glenwood Ave., Minneapolis, pp. 1.

Johnson, G.N., Young, A.J., Scholes, J.D., and Horton, P. (1993). The dissipation of excess excitation energy in British plant species. *Plant Cell Environ*, **16**: 673–679.

Jong, D.T.M.D., Weibel, A., Tsuji, W., Doyle, J.F., Johnson, R.S., and Ramming D. (2001). Evaluation of size controlling rootstocks for California peach production. *Acta Hort.*, **557**: 103-110.

Jose, A. (1997). Effect of girdling treatments on flowering and production of mango. *Acta Hort.*, **455**:132-134.

Kappel, F., and MacDonald, R. (2007). Early gibberellic acid spray increase fruiting and fruit size of Sweetheart sweet cherry. *J. Am. Pomol. Soc.*, **61**: 38–43.

Katul, G.G., Leuning, R., and Oren, R. (2003). Relationship between plant hydraulic and biochemical properties derived from a steady-state coupled water and carbon transport model. *Plant Cell Environ.*, **26:** 339–350.

Kazuo, I., Misa, S. and Tamotsu, H. (1998). Role of ethylene in senescence of cut *Eustoma* flowers. *Postharvest Biology and Technology*, **14(2)**: 193-198.

Kende, H., and Baumgartner, B. (1974). Regulation of aging in flowers of Ipomoea tricolor by ethylene. *Planta*, **116**: 279-289.

Kent, D.K., James, M.C., and John, G. (2007). Bougainvillea, Ornamentals and Flowers. http://www.ctahr.hawaii.edu/oc/freepubs/pdf/OF-38.pdf

Kenza, M., Umiel, N., and Borochov, A. (2000). The involvement of ethylene in the senescence of ranunculus cut flowers. *Postharvest Biology and Technology*, **19**: 287-290.

Khan, A.S., and Chaudhry, N.Y. (2006). GA₃ improves flower yield in some cucurbits treated with lead and mercury. *African Journal of Biotechnology*, **5**: 149-153.

Khan, Z.U., McNeil, D.L., and Samad, A. (1998). Root pruning reduces the vegetative and reproductive growth of apple trees growing under an ultra high density planting system. *Scientia Horticulturae*, **77**: 165-176.

Kim, H.O., Hewett, E.W., and Lallu, N. (1999). The role of ethylene in kiwifruit softening. *Acta Hort.*, **498**, 255–261.

Koji, T., Ayuko, U. and Ichimura, K. (2005). Effects of light intensity on flower life of potted *Delphinium* plants. *J. Japan Soc. Hort. Science*, **74**: 395-397.

- Koning, R.E. (1982). Control of flower opening by plant hormones in Gaillardia garndiflora. The university of Michigan, Phd thesis, pp1-189
- Konrad, W., Roth-Nebelsick, A., and Grein, M. (2008). Modelling of stomatal density response to atmospheric CO₂. *Journal of Theoretical Biology*, **253**: 638–658.
- Kosugi, Y., Shibuya, K., Tsuruno, N., Iwazaki, Y., Mochizuki, A., Yoshioka, T., Hashiba, T., and Satoh, S. (2000). Express of gene responsible for ethylene production and wilting are differently regulated in carnation (*Dianthus caryophyllus L.*) petals. *Plant Science*, **158**: 139-145.
- Kuiper, D., Riot, S., Van Reenen H.S., and Marissen, N. (1995). The effect of sucrose on the flower bud opening of Madelon cut roses. *Scientia Horticulturae*, **60**: 325-336.
- Kulshreshtha, K., Rai, A., Mohanty, CS., Roy, R.K. and Sharma, S.C. (2009). Particulate Pollution Mitigating Ability of Some Plant Species. *Int. J. Environ. Res.*, **3**:137-142.
- Kun, Y., Jianrong W., Qing, M., Dan Y., and Jiaru, L. (2008). Senescence of aerial parts is impeded by exogenous gibberellic acid in herbaceous prennial Paris Polyphylla. Journal of Plant Physiology, www.elsevier.de/jplph.
- Lal, B., Rajput, M.S., Rajan, S., and Rathore, D.S. (2000). Effect of pruning on rejuvenation of old mango trees. *Ind. J. Hort.*, **57**: 240–242.
- Lamaud, E., Loubet, B., Irvine, M., Stella P., Personne, E., and Cellier, P. (2009). Partitioning of ozone deposition over a developed maize crop between stomatal and non-stomatal uptakes, using eddy-covariance flux measurements and modeling. *Agricultural and Forest Meteorology*, **149**: 1385–1396.
- Lauri, P.E., and Terouanne, E. (1999). Effects of inflorescence removal on the fruit set of the remaining inflorescences and development of the laterals on one year old apple (*Malus domestica* Borkh.) branches. *Journal of Horticulture Science and Biotechnology*, **74**: 110–117.
- Lauri, P.E., and Trottier, C. (2004). Patterns of size and fate relationships of contiguous organs in the apple (*Malus domestica*) crown. *New Phytologist*, **163**: 533–546.
- Lauri, P.E., Willaume, M., Larrive, G., and Lespinasse, J.M. (2004). The concept of centrifugal training in apple aimed at optimizing relationship between growth and fruiting. *Acta Horticulturae*, **636**: 35–42.
- Leiv, M.M., and Hans, R.G. (2005). Effect of air humidity variation on powdery mildew and keeping quality of cut roses. *Scientia Horticulturae*, **104**: 49–55.
- Li, C.H., Lai, U.L., Shang, F.Y., Mei, J.C., Ching, I.K., Mei F.T. and Chih, W.S. (2007). Delayed flower senescence of Petunia hybrida plants transformed with antisense broccoli ACC synthase and ACC oxidase genes. *Postharvest Biology and Technology*, **46**: 47-53.

- Li, K.T., Lakso, A.N., Piccioni, R., and Robinson, T. (2003). Summer pruning reduces whole-canopy carbon fixation and transpiration in apple trees. *J. Hort. Sci. Biotech.*, **78**: 749–754.
- Lin, C.T. (2000). Photoreceptors and regulation of flowering time. *Plant Physiology*, **123**: 39-50.
- Lin, M.J., and Hsu, B.D. (2004). Photosynthetic plasticity of Phalaenopsis in response to different light environments. *J. Plant Physiol.*, **161**: 1259–1268.
- Lindstrom, L.I., Pellegrini, C.N., Aguirrezabal, L.A.N., and Hernandez, L.F., (2006). Growth and development of sunflower fruits under shade during pre and early post-anthesis period. *Field Crops Research*, **96**: 151–159.
- Lopez, H.A., and Galetto, L. (2002). Flower Structure and Reproductive Biology of *Bougainvillea stipitata* (Nyctaginaceae). *Plant Biology*, **4**: 508-514.
- Lorena, S.P., Ivette, P., Juan, C.H., and Javie, C.N. (2000). Shade effect on coffee production at the northern Tzeltal zone of the state of Chiapas, Mexico. Agriculture, *Ecosystems and Environment*, **80**: 61–69.
- Luiz, C.C.S., Dalmo, L.S., Sebastiao, F.F.L., Paulo, R.C., Jose, M.M.D., and Victor, M. (2008). low temperature storage of NAA GA3 and 2,4-D treated *Citrus budsticks. Sci. Agric.*, **65**: 365-373.
- Manuel, R., Carmen, D.S., and Roberto, R. (1998). Free polyamine content in leaves and buds of hazelnut (Corylus avellana L. cv. Negret) trees subjected to repeated severe pruning. *Scientia Horticulturae*, **76**: 115-121.
- Maria, P.S.S., and Domenico, V. (2006). The growth rate, biomass production and composition of Chaetoceros sp. grown with different light sources. *Aquacultural Engineering*, **35**: 161–165.
- Maricruz, R., Marco Vinicio S., Alfonso V., and Mario A. (2008). Leaf pruning intensities at flowering of banana (Musa AAA, cv. Grande Naine) did not influence fruit green and yellow life and quality. Scientia Horticulturae, **115**: 319–322.
- Mariko, O., Yasushi, T., Masaki, I., and Masanobu, M. (2001). Elevated sensitivity to gibberellin by vernalization in the vegetative rosette plants of *Eustoma grandiflorum* and *Arabidopsis thaliana*. *Plant Science*, **160**: 1237-1245.
- Marini, R.P. (1996). Defoliation, flower bud cold hardiness and bloom date of peach as influenced by pruning treatments. *J. Amer. Soc. Hort. Sci.*, **111**: 391-394.
- Mataa, M., Tominaga, S., and Kozak, I. (1998). The effect of time of girdling on carbohydrate contents and fruiting in Ponkan mandarin (*Citrus reticulata* Blanco). *Scientia Horticulturae*, **73**: 203-211.

Mediene, S., Jordan, M.O., Pages, L., Lebot, J., and Adamowicz, S. (2002). The influence of severe shoot pruning on growth, carbon and nitrogen status in young peach trees (Prunus persica). *Tree Physiol.*, **22**: 1289–1296.

Miller, S.A., Broom, F.D., Thorp, T.G. and Barnett A.M. (2001). Effect of leader pruning on vine architecture, productivity and fruit quality in kiwifruit. *Scientia Hort.*, **91**: 189-199.

Miller, S.S. (1987). Summer pruning affects fruit quality and light penetration in young peach trees. HortSci. of delicious apple trees as influenced by summer pruning. *J. Amer. Soc. Hort. Sci.*, **22**: 390-393

Minoru, U., Takachi, O., and Shosuke, Y. (1998). Leaf opening substance of Nuctinastic plant *Cassia Mimosozdes*. *Phylochemistry*, **49**: 633-635.

Munir, M., (2003). A study on the effects of environmental factors affecting the phases of flower development in *Antirrhinum majus* L. Ph.D. Thesis. The University of Reading, U.K.

Munir, M., Jamil, M., Baloch, J., and Khattak, K.R. (2004). Impact of light intensity on flowering time and plant quality of *Antirrhinum majus* L. cultivar Chimes White. *Journal of Zhejiang University Science*, **5**: 400-405

Nabi, G., Trought, M.C., Noor, R., and Samad, A. (2000). To study stomatal conductance at different leaf positions and xylem flow rate at different depths in the apple branch. *Pakistan Journal of Biological Sciences*, **3**: 1634-1636.

Nair, H., Wilson, I., Chandran, S., Bakar, U.K.A., and Pillai, V. (2002). Ethylene and longevity of orchid flower. 17th World Orchid Conference and Show. Sha Alam, Malaysia. 24th April-2nd May 2002

Navarretea, M., and Jeannequin, B. (2000). Effect of frequency of axillary bud pruning on vegetative growth and fruit yield in greenhouse tomato crops. *Scientia Horticulturae*, **86**: 197-210.

Nazrul, I., Grete, G.P., and Hans, R.G. (2005). Effect of photoperiod and light integral on flowering and growth of Eustoma grandiflorum (Raf.) Shinn. *Scientia Horticulturae*, **103**: 441–451.

Nicolas, E., Barradas, V.L., Ortuno, M.F., Navarro, A., Torrecillas, A., and Alarcon., J.J. (2008). Environmental and stomatal control of transpiration, canopy conductance and decoupling coefficient in young lemon trees under shading net. *Environmental and Experimental Botany*, **63**: 200–206.

Normanly, J. (1997). Auxin metabolism. *Physiol Plant*, **100**: 431–442.

Nunez, E.R., and Crane, J.H. (1998). Canopy manipulation to enhance early-season cropping of 'Arkin' carambola in south Florida. *HortScience*, **33**: 548.

Ogale, V.K., Babu, P.V., and Mishra, S.D. (2000). GA-induced stage specific changes in flower color and size of portulaca grandiflora cv NL-CRyP. *Current Science*, **79**: 889-894.

Onguso, J.M., Mizutani, F., and Hossain, A.B.M.S. (2004). Effects of partial ringing and heating of trunk on shoot growth and fruit quality of peach trees. *Bot. Bull. Acad. Sin.*, **45**: 301-306.

Onozaki, T., Ikeda, H., and Yamaguchi, T. (2001). Genetic improvement of vase life of carnation flowers by crossing and selection. *Scientia Hortic.*, **87**: 107–120.

Osaki, M., Shinano, T., and Tadano, T. (1993). Effect of nitrogen, phosphorus, or potassium deficiency on the accumulation of ribulose-1, 5-bisphosphate carboxylase/oxygenase and chlorophyll in several field crops. *Soil Sci. Plant Nutr.*, **39**: 417–425.

Osmond, C.B., (1994). What is photoinhibition? Some insights from comparisons of shade and sun plants. In: Baker, N.R., Bowyer, J.R. (Eds.), Photoinhibition of Photosynthesis, from the Molecular Mechanisms to the Field. *BIOS Scientific Publication, Oxford*, pp. 1–24.

Paroussi, G., Voyiatzis, D.G., Paroussi, E., and Drogour, P.D. (2002). Effect of GA3 and photoperiod regime on growth and flowering in strawberry. *Acta Hortic.*, **567**: 56–60.

Patterson, S.E., and Bleecker, A.B. (2004). Ethylene-dependent and -independent processes associated with floral organ abscission in *Arabidopsis*. Plant Physiol., **134**: 194–203.

Peralta, G., Perez, J.L., Hernandez, I., and Vergara, J.J. (2002). Effects of light availability on growth, architecture and nutrient content of the seagrass Zostera noltii Hornem. *Journal of Experimental Marine Biology and Ecology*, **269**: 9-26.

Pineiro, M., Gomez-Mena C., Schaffer, R., Martinez-Zapater J.M., and Coupland, G. (2003). Early bolting in short days is related to chromatin remodeling factors and regulates flowering in *Arabidopsis* by repressing FT. *Plant Cell*, **15**: 1552-1562.

Pinkard, E.A. (2002). Effects of pattern and severity of pruning on growth and branch development of pre-canopy closure Eucalyptus nitens. *Forest Ecology and Management*, **157**: 217–230.

Pinkard, E.A., Beadle, C.L., Davidson, N.J., and Battaglia, M. (1998). Photosynthetic responses of *Eucalyptus nitens* (Deane and Maiden) Maiden to green pruning, *Trees - Structure and Function*, **12**: 119-129.

Poni, S., and Intrieri, C. (1996). Physiology of grape leaf ageing as related to improved canopy management and grape quality. Proceedings 9th Australian Wine Industry Technical Conference, pp: 113-122. Winetitles, Adelaide.

Pratap, B., Sharma, H.C., Goswami, A.M., Singh, S.K., and Mishra, L.N. (2003). Effect of pruning on photosynthetic rate, canopy microclimate and yield in mango cv. Amrapali under high density planting. *Ind. J. Hort.*, **60**: 339–342.

Puech-Suanzes, I., Hsiao, T.C., Fereres, E., and Henderson, DW. (1989). Water stress effects on the carbon exchange rates of three upland cotton (*Gossipium Hirustum*) cultivars in the field. *Field Crop Research*, **21**: 239-255.

Ralph, H. (1999). Survival and new shoot production by artificially browsed seedlings of ash, beech, oak and sycamore grown under different levels of shade. *Forest Ecology and Management*, **116**: 39-50.

Redman, P.B., Dole, J.M., Maness, N.O., and Anderson, J.A. (2002). Postharvest handling of nine speciality cut flower species. *Scientia Horticulture*, **92**: 293-303.

Reid, R.S., Wollenweber, B., and Serek, M. (2002). Carbon balance and ethylene in the postharvest life of flowering hibiscus. *Postharvest Biology and Technology*, **25**: 227-233.

Rena, A.B., Barros, R.S., Maestri, M., and Söndahl, M.R. (1994). In: Schaffer, B., Andersen, P.C. (Eds.), Handbook of Environmental Physiology of Fruit Crops, vol. II. Sub-Tropical and Tropical Crops. CRC Press, Boca Raton, pp. 101–122.

Roberto, N.E., and Jonathan, H.C. (2000). Selective pruning and crop removal increase early-season fruit production of carambola (Averrhoa carambola L.). *Scientia Horticulturae*, **86**: 115-126.

Robinson, J.C., Anderson, T., and Eckstein, K. (1992). The influence of functional leaf removal at flower emergence on components of yield and photosynthetic compensation in banana. *J. Hort. Sci.*, **67**: 403-410.

Rosenvasser, S., Mayak, S., and Friedman, H. (2006). Increase in reactive oxygen species (ROS) and in senescence-associated gene transcript (SAG) levels during dark-induced senescence of Pelargonium cuttings, and the effect of gibberellic acid. *Plant Science*, **170**: 873–879.

Royer, DL. (2001). Stomatal density and stomatal index as indicators of paleoatmospheric CO2 concentration. *Review of Palaeobotany and Palynology*, **114**: 1-28.

Saifuddin, M., Hossain, A.B.M.S., Normaniza, O., and Moneruzzaman, K.M. (2009). Bract size enlargement and longevity of *Bougainvillea spectabilis* as affected by GA₃ and phloemic stress. *Asian Journal of Plant Sciences*, **8**: 212-217.

Saifuddin, M., Hossain, A.B.M.S., Normaniza, O., Nasrulhaq, B.A., and Moneruzzaman, K.M. (2009). The effects of naphthaleneacetic acid and gibberellic acid in prolonging bract longevity and delaying discoloration of *Bougainvillea spectabilis*. *Biotechnology*, **8**: 343-350.

Salakpetch, S., Turner, D.W., and Dell, B. (1990). The flowering of carambola (Averrhoa carambola L.) is more strongly influenced by cultivar and water stress than by diurnal temperature variation and photoperiod. *Scientia Horticulturae*, **43**: 83-94.

Salih, U., Sahriye, S., Mustafa K., Nisa, E., Ozgur A., and Mehmet, A. (2004). Determination of endogenous, sugars and mineral nutrition levels during the induction and differentiation stage and their effects of flower formation in olive. *Plant Growth regulator*, **42**: 89-95.

Salleo, S.M., Gullo, M.L., Paoli, D.D., and Zipp, M. (1996). Xylem recovery from caltivation induced embolism in young plants of *Laurus nobilis:* a possible mechanism. *New Phytol.*, **132**:47-56.

Sarkka, L., and Erikson, C. (2003). Effects of bending and harvesting height combinations on cut rose yield in a dense plantation with high intensity lighting. *Sci. Hort.*, **98**: 433–447.

Serek, M., and Reid, M.S. (2000). Ethylene and postharvest performance of potted *Kalanchoe. Postharvest Biology and Technology*, **18**: 43-48.

Serek, M, Sisler, EC, and Reid, MS. (1994). Novel gaseous ethylene binding inhibitor prevents the effects in potted flowering plants. *J Am Soc Hortic Sci.*, **119**: 1230–1233.

Serek, M., Woltering, E.J., Sisler, E.C., Frello, S., and Sriskandarajah, S. (2006). Controlling ethylene responses in flowers at the receptor level. *Biotechnology Advances*, **24**: 368–381.

Sharma, R.R., and Room, S. (2009). Gibberellic acid influences the production of malformed and button berries, and fruit yield and quality in strawberry (*Fragaria* × *ananassa* Duch.). *Scientia Horticulturae*, **119**: 430-433.

Sharma, R.R., and Room, S. (2006). Pruning intensity modifies canopy microclimate, and influences sex ratio, malformation incidence and development of fruited panicles in 'Amrapali' mango (Mangifera indica L.). *Scientia Horticulturae*, **109**: 118–122.

Sharma, S.C., Srivastava, R. and Roy, R.K. (2005). Role of bougainvilleas in mitigation of environmental pollution. *Journal of Environmental Science & Engineering*, **47**: 131-134.

Simon, A., Toth, G., Duddeck, H., Soliman, H., Mahmoud, I., and Samir, H. (2006). Glycosides from Bougainvillea glabra. *Natural product research*, **20**: 63-67.

Simpson, G.G., and Dean, C. (2002). Flowering - *Arabidopsis*, the rosetta stone of flowering time. *Science*, **296**: 285-289.

Sisler, E.C., and Serek, M. (2003). Compounds interacting with the ethylene receptor in plants. *Plant Biol*, **5**: 473–480.

Sławomir, W., Gerold, J., Nadine, G., and Peter, W. (2010). Ion-pair high-speed countercurrent chromatography in fractionation of a high-molecular weight variation of acyl-oligosaccharide linked betacyanins from purple bracts of *Bougainvillea glabra*. *Journal of Chromatography B*, **878**: 538–550.

Smedt, V.D., Huylenbroeck, J.M., and Debergh, P.C. (1996). Influence of temperature and supplementary lighting on growth and flower initiation of *Clivia miniata* Regel. *Scientia Horticulturae*, **65**: 65-72.

Sringarm, K., Potchanasin, P., Naphrom, D., and Bangerth, K.F. (2009). Floral induction (FI) in longan (Dimocarpus longan, Lour.) trees. III: Effect of shading the trees on potassium chlorate induced FI and resulting hormonal changes in leaves and shoots. *Scientia Horticulturae*, **122**: 301–311.

Stirling, K.J., Clark, R.J., Brown, P.H. and Wilson S.J. (2002). Effect of photoperiod on flower bud initiation and development in myoga (*Zingiber mioga* Roscoe). *Scientia Horticulturae*, **95**: 261–268.

Stitt, M., Muller, C., Matt, P., Gibon, Y., Carillo, P., Morcuende, R., Scheible, W.R., and Krapp, A. (2002). Steps towards an integrated view of nitrogen metabolism. *J. Exp. Bot.* **53**: 959–970.

Stitt, M., Schaewen, A., and Willmitzer, L., (1990). "Sink" regulation of photosynthetic metabolism in transgenic tobacco plants expressing yeast invertase in their cell wall involves a decrease of the Calvin-cycle enzymes and an increase of glycolytic enzymes. *Planta*, **183**: 40–50.

Sunjoo, J., and Woo, T.K. (2007). A Gaseous Plant Hormone Ethylene: The Signaling Pathway. *Journal of Plant Biology*, **50**: 109-116.

Susana, E., Alonso, R., and Benjamin, S.G. (2007). Simulation of stomatal conductance for Aleppo pine to estimate its ozone uptake. *Environmental Pollution*, **146**: 617-623.

Suxia, X., Qingyun, H., Qingyan, S., Chun, C., and Brady, A.V. (2009). Reproductive organography of Bougainvillea spectabilis Willd. *Scientia Horticulturae*, **120**: 399-405.

Takashi, N., Yoshihiro, S., Masaki, K., Hiroshi, K., and Hiroshi, H. (1997). Petiole length, chlorophyll and carbohydrate levels, and photosynthetic rates of June-bearing strawberry plants as influenced by red-light irradiation during storage under cool conditions. *Scientia Horticulturae*, **72**: 25-33.

Tetsuro, N., Katsumi, O., Eiji, G., and Nobuyuki, I., (2009). Concentrations of perillaldehyde, limonene, and anthocyanin of Perilla plants as affected by light quality under controlled environments. *Scientia Horticulturae*, **122**: 134–137.

Tjosvold, S.A., Wu, M.J., and Reid, M.S. (1994). Reduction of postproduction quality loss in potted miniature roses. *Hort. Science*, **29**: 293-294.

Ting, C.Y., Long, F.O.C, and Jei, F.S. (2008). Senescence-associated genes in harvested broccoli florets. *Plant Science*, **175**: 137–144.

Uda, A., Yamanaka, M., and Fukushima, K, (1997). Pretreatment effect of novel ethylene inhibitors on extending longevity of carnation, larkspur and sweet pea cut flowers (in Japanese). *Kinki Chugoku Agric. Res.*, **93**: 65–70.

Ueno, N., and Seiwa, K. (2003). Gender-specific shoot structure and functions in relation to habitat conditions in a dioecious tree, *Salix sachalinensis*. *Journal of Forestry Research*, **8**: 9–16.

Vaio, D.C., Petito, A., and Buccheri, M. (2001). Effect of girdling on gas exchanges and leaf mineral content in the 'Independence' nectarine. *Journal of Plant Nutrition*, **24**: 1047–1060.

Van Doorn, W.G. (2004). Is petal senescence due to sugar starvation? *Plant Physiology*, **134**: 35-42.

Van Door, W.G. (2002). Does ethylene treatment mimic the effects of pollination on floral lifespan and attractiveness? *Annuls of Botany*, **89**: 375-383

Van Doorn, W.G. (2001). Categories of petal senescence and abscission: a reevaluation. *Ann Botany*, **87**: 447–56.

Veen, H. (1983). Silver thiosulphate: an experimental tool in plant science. Sci Hortic., **20**: 211–224.

Von, A.A.G., and Deng, X.W. (1996). Light control of seeding development. *Annual Review of Plant Physiology*, **47**: 215-2143.

Wealtherly, P.E., and Slatye, R.O. (1962). Relationship between relative turgidity and diffusion pressure deficits in leaves. *Nature*, **179**: 1085-1086.

Wei, Z., and Chi, K.W. (2009). Preparation of ethylene gas and comparison of ethylene responses induced by ethylene, ACC, and ethephon. *Plant Physiology and Biochemistry*, In Press.

Wein, H.C., and Turner, A.D. (1989). Hormonal basis for low light intensity-induced fower bud abscission of pepper. *J. Am. Soc. Hort. Sci.*, **114**: 981-985.

Wein, H.C., and Zhang, Y. (1991). Prevention of fower abscission in bell pepper. J. Am. Soc. Hort. Sci., 116: 516-519.

Whiting, R.C., and Carol, O.M. (2007). www.cmg.colostate.edu.

Wilson, B.F., and Gartner, B.L. (2002). Effect of phloem girdling in conifers on apical control of branches, growth allocation and air in wood. *Tree Physiol.*, **22**: 347-353.

Wilson, R.N., Heckman, J.W., and Somerville, C.R. (1992). Gibberellin is required for flowering in *Arabidopsis thaliana* under short days. *Plant Physiology*, **100**: 403-408.

Wittmann, C., Aschan, G., and Pfanz, H. (2001). Leaf and twig photosynthesis of young beech (Fagus sylvatica) and aspen (Populus tremula) trees grown under different light regime. *Basic Appl. Ecol.*, **2**: 145–154.

Woltering, E.J., and Van Doorn, W.G. (1988). Role of ethylene in senescence of petals: morphological and taxonomical relationships. *J Exp Bot.*, **39**: 1605–16.

Wunsche, J.N., and Lakso, A.N. (2000). The relationship between leaf area and light interception by spur and extension shoot leaves and apple orchard productivity. *HortScience*, **35**:1202–1206.

Wurr, D.C.E., Jane, R.F., and Lynn, A. (2000). The effects of temperature and daylength on flower initiation and development in *Dianthus allwoodii* and *Dianthus alpinus*. *Scientia Horticulture*, **86**: 57-70.

Xingjun, L., Sanyu, L., and JinXing, L. (2003). Effect of GA₃ spraying on lignin and auxin contents and the correlated enzyme activities in bayberry (*Myrica rubra* Bieb.) during flower bud induction. *Plant Science*, **164**: 549-556.

Xu, Y., and Hanson, M.R. (2000). Programmed cell death during pollination induced petal senescence in petunia. *Plant Physiology*, **122**: 1323-1333.

Yajuan, D., Zonggen, S., Ying, L., Lanlan, W., David, H., and Hongfei, L. (2009). Effects of shade treatments on the photosynthetic capacity, chlorophyll fluorescence, and chlorophyll content of *Tetrastigma hemsleyanum* Diels et Gilg. *Environmental and Experimental Botany*, **65**: 177–182.

Yamane, K., Yamaki, Y., and Fujishige, N. (2004). Effects of exogenous ethylene and 1-MCP on ACC oxidase activity, ethylene production and vase life in Cattleya alliances. *J. Jpn. Soc. Hortic Sci*, **73**:128–33.

Yamanishi, O.K., Nakaajima, Y., and Hasegawa, K. (1995). Effect of trunk strangulation degrees in late season on return bloom, fruit quality and yield of pummelo trees grown in a plastic house. *J. Japan Soc. Hort. Sci.*, **64**: 31-40.

Yang, J., and Zhang, J. (2005). Grain filling of cereals under soil drying. *New Phytol.*, **169**: 223-236.

Yoko, T., Toshio, S., Masanori, T., Nobuyoshi, N., Noriaki, K., and Seiichiro, H. (2006). Cytokinin and auxin inhibit abscisic acid-induced *stomatal* closure by enhancing ethylene production in Arabidopsis. *Journal of Experimental Botany*, **57**: 2259-2266.

Yoshiko, K., Toshio, T., Tatsushi, O., and Akihiko, G. (1999). Involvement of endogenous plant hormones (IAA, ABA, GAs) in leaves and flower bud formation of satsuma mandarin (Citrus unshiu Marc.). *Scientia Horticulturae*, **79**: 185-194.

Zhen, M., Liya, G., Anna, S.Y.L., Jean, W.H.Y., Swee, N.T., and Eng, S.O. (2008). Simultaneous analysis of different classes of phytohormones in coconut (*Cocos nucifera* L.) water using high-performance liquid chromatography and liquid chromatography—tandem mass spectrometry after solid-phase extraction. *Analytica Chimica Acta*, **610**: 274-281.

Zhu, Y.X., and Davies, P.J. (1997). The control of apical bud growth and senescence by auxin and gibberellin in genetic lines of pea. *Plant Physiology*, **113**: 631-637.

Zieslin, N., and Mor, Y. (1981). Plant Management of greenhouse roses. The pruning., *Sci. Hort.*, **14**: 285–293.

http://www.sciencelab.com, Material Safety Data Sheet, 1-NAA MSDS.