

DAFTAR PUSTAKA

- Akter, N., Islam, M.R., Karim, M.A., Hossain, T. 2014. Alleviation of Drought Stress in Maize by Exogenous Application of Gibberellic Acid and Cytokinin. *J. Crop Sci. Biotech*, 17 (1): 41-48.
- Alizadeh, O., Haghighi, B.J., Ordoorkhani, K. 2010. The Effects of Exogenous Cytokinin Application on Sink Size in Bread Wheat (*Triticum aestivum*). *African Journal of Agricultural Research*, 5(21): 2893-2898.
- Amagliani, L., O'Regan, J., Kelly, A.L., O'Mahony J.A. 2017. Composition and Protein Profile Analysis of Rice Protein Ingredients. *Journal of Food Composition and Analysis*, 59: 18–26.
- Amin, A.A., Rashad, E.S.M., Hassanein, M.S., Zaki, N.M. 2007. Response of Some White Maize Hybrids to Foliar Spray with Benzyl Adenine. *Journal of Agriculture and Biological Sciences*, 3(6): 648-656
- AOAC. (1990). *Official Methods of Analysis*. Washington: Association of Official Analytical Chemist.
- Ashikari, M., Sakakibara, H., Lin, S., Yamamoto, T., Takashi, T., Nishimura, A., Angeles, E.R., Qian, Q., Kitano, H., Matsuoka, M. 2005. Cytokinin Oxidase Regulates Rice Grain Production. *Science*, 309: 741–745.
- Bacchetti, T., Masciangelo, S., Micheletti, A.F.G. 2013. Carotenoids, Phenolic Compounds and Antioxidant Capacity of Five Local Italian Corn (*Zea Mays* L.) Kernels. *Journal of Nutrition & Food Sciences*, 3(6):1-4.
- Belfield, S and C. Brown. 2008. *Field Crop Manual: Maize A Guide Do Upland Production In Cambodia*. Cambodian Agriculture Research & Development And The State Of New South Wales (NSW Departmen Of Primary Industries).
(<http://aciar.gov.au/files/node/8919/maize%20manual%2072dpi.pdf>).
- Berezovsky, I.N., Guarnera, E., Zheng Z. 2017. Basic Units Of Protein Structure, Folding, And Function. *Progress in Biophysics and Molecular Biology*, 128:85–99.
- Berg, J., Tymoczko, J.L., Stryer L. 2002. *Biochemistry First Edition*. WH Freeman. Pp. 108-109.
- Berova, M and Zlatev, Z. 2000. Physiological response and yield of Paclobutrazol treated tomato plants (*Lycopersicon esculentum* Mill.). *Plant Growth Regul*, 30: 117-123.

- Brenner, M.L and Cheikh, N. 1995. The Role of hormones in photosynthate partitioning and seed filling, In: Davies PJ, (ed), *Plant Hormone*, Kluwer Academic Publisher, Dordrecht, The Netherlands, pp: 649-670.
- Brown, W.L. and L.L Darrah. (1985). *Origin, Adaptation And Types Of Corn. National Corn Handbook*, Cooperative Extension Service. IOWA State University Of Sciences And Technology And The United State Department Of Agriculture. United States.
- Buckler, E.S. and Stevens N.M. (2005). *Maize Origin, Domestication, And Selection. Genetic And Origins Of Crops*.
- Campbell, N.A., Reece, J.B., Mitchell L.G. 2011. *Biologi Tenth Edition*. USA: Pearson Education, Inc.
- Chaiittianan, R., Sutthanut, K., Rattanathongkom A. 2017. Purple Corn Silk: A Potential Anti-Obesity Agent With Inhibition On Adipogenesis And Induction On Lipolysis And Apoptosis In Adipocytes. *Journal Of Ethnopharmacology*, 201: 9–16.
- Chaney, W.R. 2005. Growth Retardants : A Promising Tool for Managing Urban Trees. Forestry and Natural Resource. Purdue University.
- Channel. 2013. Corn Growth Stages. Technology Development and Agronomy. (<http://www.channel.com/agronomics/Documents/AgronomicContentPDF/GrowthStages%20GuidesChannel.pdf>).
- Chen, X,Q., Nagao, N., Itani, T., Irifune, K. 2012. Anti-Oxidative Analysis, and Identification and Quantification of Anthocyanin Pigments in Different Coloured Rice. *Food Chemistry*, 135: 2784.
- Darby, H and J.G Lauer. 2013. Critical Stages in the Life of a Corn Plant. *Plant Physiology*, 3: 15–20.
- Das, P.K., Shin, D.H., Choi, Sang-Bong., Yoo, Sang-Dong., Choi, G., Park Youn-II. 2012. Cytokinins Enhance Sugar-Induced Anthocyanin Biosynthesis in Arabidopsis. *Molecules and Cell*, 34: 93-101.
- Deikman, J and Hammer, P.E. 1995. Induction of Anthocyanin Accumulation by Cytokinins *Arabidopsis thaliana*. *Plant Physiol*, 108: 47-57.
- Dhinaa, A.N and Palanisamy P.K. 2010. Z-Scan technique : To Measure The Total Protein and Albumin in Blood. *J. Biomedical Science and Engineering*, 2: 285–290.
- DiBenedetto, A., Galmarini, C., Tognetti, J. 2013. Changes in Leaf Size and in The Rate of Leaf Production Contribute to Cytokinin-Mediated Growth Promotion in *Epipremnum aureum L.* Cuttings. *Journal of Horticultural Science & Biotechnology*, 88 (2): 179–186.

- Di Benedetto, A., Galmarini, C., Tognetti, J. 2015. Effects of Combined or Single Exogenous Auxin and/or Cytokinin Applications on Growth And Leaf Area Development In *Epipremnum aureum*. *Journal of Horticultural Science & Biotechnology*, 90 (6): 643–654.
- Di Benedetto, A., Galmarini, C and Tognetti, J. 2015. Exogenous Cytokinin Promotes *Epipremnum aureum* L. Growth through Enhanced Dry Weight Assimilation rather than through Changes in Partitioning. *American Journal of Experimental Agriculture*, 5(5): 419-434.
- Dobránszki, J. and Mandler-Drienyovszki, N. 2014. Cytokinin-Induced Changes in the Chlorophyll Content and Fluorescence of in Vitro Apple Leaves. *Journal of Plant Physiology*, 171: 1472–1478.
- Dougall, D.K., Johnson, J.M., Whitten, G.H. 1980. A Clonal Analysis of Anthocyanin Accumulation by Cell Cultures of Wild Carrot. *Planta*, 149: 292-297.
- Ehneß, R. and Roitsch, T. 1997. Co-Ordinated Induction of mRNAs for Extracellular Invertase and a Glucose Transporter in *Cheopodium rubrum* by cytokinins. *The Plant Journal*, 11: 539-548.
- El-Abagy, H.M.H., Amin, A.A., Rashad, M.E.S. and Hassanein, M.S. 2003. Physiological Response of Some Faba Bean Cultivars to Foliar Spray with Benzyl Adenine in Egypt. *J. Appl. Sci.*, 18(11B): 563-579.
- Fairchild, S., Pachter, R., R. Perrin. 1995. Protein Structure Analysis and Prediction. *The Mathematica Journal*, 5: 64–69.
- Farber, M., Attia, Z., Weiss D. 2016. Cytokinin Activity Increases Stomatal Density and Transpiration Rate in Tomato. *Journal of Experimental Botany Advance*, 67(22): 6351–6362.
- Fei-He., Lin, M., Yan, G.L., Liang, Pan N.N., Qiu-Hong., Wang, J., Malcolm, J., Reeves., Duan, C.Q. 2010. Biosynthesis of Anthocyanins and Their Regulation in Colored Grapes. *Molecules*, 15: 9058.
- Firmansyah, Suarni dan M. Aqil. 2013. Keragaman Mutu Pati Beberapa Varietas Jagung. *Penelitian Pertanian Tanaman Pangan*, 32: 50–56.
- Fletcher, R., Teo, S., Alt, A. 1973. Stimulation of Chlorophyll Synthesis in Cucumber Cotyledons by Benzyladenine. *Canadian Journal of Botany*, 51: 937-939.
- Gardner, F.P., Pearce, R.B., Mitchell, R.L. 1991. *Fisiologi Tanaman Budidaya*. UI Press, Jakarta.
- Gimhavanekar, V.J., Mane, A.V., Burondkar, M.M., Kasture, M.C., Desai, S.S. 2017. Influence of Paclobutrazol on Dry Matter Production and Yield Attributes of Pigeonpea (*Cajanus cajan* (L.) Millsp) Under Konkan Condition.

International Journal of Chemical Studies, 5(5): 1201-1205.

- Gopi, R., Jaleel, C.A., Panneerselvam, R. 2008. Leaf anatomical responses of *Amorphophallus campanulatus* to triazoles fungicides. *EurAsia J BioSci* 2, 4: 46-52.
- Guillén-Sánchez, J., Mori-Arismend, S., Paucar-Menacho, L.M. 2014. Characteristics And Functional Properties Of Purple Corn (*Zea Mays* L.) Var. Subnigroviolaceo. *Scientia Agropecuaria* 5: 211 – 217.
- Guo, J., Hu, X., Duan, R. 2005. Interactive Effects of Cytokinins, Light and Sucrose on The Phenotypes and The Syntheses of Anthocyanins and Lignins in Cytokinin Overproducing Transgenic Arabidopsis. *J Plant Growth Regul*, 24:93–101.
- Hajas, L., Scherf, K.A., Török, K., Bugyi, Z., Schall, E., Poms, R.E., Tömösközi, S. 2017. Variation in Protein Composition Among Wheat (*Triticum Aestivum* L.) Cultivars to Identify Cultivars Suitable as Reference Material For Wheat Gluten Analysis. *Food Chemistry*, 42: 1-8.
- Hawkins, A.F., Hughes, H.K., Hart, C.A. 1985. Effects of The Growth Regulator, Paclobutrazol, on Structure and Photosynthesis of Soybean Leaves. *Britain Plant Growth Regulator*, 12:127-142.
- Hua, S., Zhang, Y., Yu, H., Lin, B., Ding, H., Zhang, D., Ren Y. 2014. Paclobutrazol Application Effects on Plant Height, Seed Yield and Carbohydrate Metabolism in Canola, *International Journal Of Agriculture & Biology*, 16: 471–479.
- Hung, K.T., Cheng, D.G., Hsu, Y.T., Kao, C.H. 2008. Abscisic Acid-Induced Hydrogen Peroxide is Required for Anthocyanin Accumulation in Leaves of Rice Seedlings. *Journal of Plant Physiology*, 165: 1280-1281.
- Jaleel, A.C., Manivannan, P., Sankar, B., Kishorekumar, A., Sankari, S., Panneerselvam, R. 2007. Paclobutrazol Enhances Photosynthesis and Ajmalicine Production in *Catharanthus roseus*. *Process Biochemistry*, 42(11): 1566–1570.
- Jaleel, C.A., Gopi, R., Panneerselvam, R. 2008. Growth and Photosynthetic Pigments Responses of Two Varieties of *Catharanthus Roseus* to Triadimefon Treatment. *Comptes Rendus Biologies*, 331: 272–277.
- Jameson, P.E. and Song, J. 2016. Cytokinin: A Key Driver of Seed Yield. *Journal of Experimental Botany*, 67(3):593–606.
- Ji, X., Wang, Y., Zhang, R., Wu, S., An, M., Li, M., Wang, C., Chen, X., Zhang, Y., Chen, X. 2014. Effect of auxin, cytokinin and nitrogen on anthocyanin biosynthesis in callus cultures of red-fleshed apple (*Malus sieversii* f. *niedzwetzkyana*). *Plant Cell Tiss Organ Cult*, 1-13.

- Jonas-Levi, A and Martinez, J.J.I. 2017. The High Level of Protein Content Reported in Insects for Food and Feed is Overestimated. *Journal of Food Composition and Analysis*, 62: 184–188.
- Jungklang, J., Saengnil, K., Uthaibutra, J. 2015. Effects of Water Deficit Stress and Paclobutrazol on Growth, Relative Water Content, Electrolyte Leakage, Proline Content and Some Antioxidant Changes in *Curcuma alismatifolia* Gagnep. cv. Chiang Mai Pink. *Saudi Journal of Biological Sciences*. 24(7): 1505-1512.
- Kamran, M., Wennan, S., Ahmad, I., Xiangping, M., Wenwen, C., Xudong, Z., Siwei, M., Khan, A., Qingfang, H., Tiening, L. 2017. Application of Paclobutrazol Affect Maize Grain Yield by Regulating Root Morphological and Physiological characteristics Under a Semi-Arid Region. *Scientific Reports*, 1-16.
- Kementerian Kesehatan. (2013). Situasi dan Analisi Diabetes. Jakarta: Infodatin.
- Kementerian Pertanian. (2017). Kedaulatan Pangan Nasional. Jakarta: Kementan.
- Khalil, I.A. and Hidayat-ur-Rahman. 1995. Effect of Paclobutrazol on Growth, Chloroplast Pigments and Sterol Biosynthesis of Maize (*Zea mays* L.). *Plant Science*, 105: 15-21.
- Kim, T.H., Kim, J.K., Kang, Y.H., Lee, J.Y., Kang, I.J., Lim, S.S. 2013. Aldose Reductase Inhibitory Activity Of Compounds From *Zea Mays* L. *Biomed Research Internasional*, 23 :1–8.
- Konczak, I and Zhang W. 2004. Anthocyanins-More Than Nature's Colours. *J Biomed Biotechnol*, 5:239–240.
- Kuai, J., Yang, Y., Sun, Y., Zhou, G., Zuo, Q., Wu, J., Lin X. 2015. Paclobutrazol Increases Canola Seed Yield By Enhancing Lodging And Pod Shatter Resistance In Brassica Napus L. *Field Crops Research* 180: 10–20.
- Kumar, S., Ghatty, S., Satyanarayana, J., Guha, A., Chaitanya, B.S.K., Reddy, A.R. 2012. Paclobutrazol Treatment as a Potential Strategy for Higher Seed and Oil Yield in Field-Grown *Camelina sativa* L. Crantz. *BMC Research Notes*, 5:137.
- Kusnetsov, V.V., Oelmuller, R., Sarwat, M.I., Porvirova, S.A., Cherepneva, G.N., Hermann, R.G., Kulaeva, O.N. 1994. Cytokinin, Abscic Acid and Light Affect Accumulation of Chloroplast Protein in *Lupinus luteus* Cotyledon without Notable Effect on Steady State mRNA Levels. *Planta*, 194: 318-327.
- Leal-Leon, V.M., Lopez-Peralta, M.C., Gonzalez-Hernandez, V.A.2002. In Vitro Development of Young Maize Ears. *Plant Cell, Tissue and Organ Culture*, 71: 133–139.

- Ma, X., Jing, Z., Bingru H. 2016. Cytokinin Mitigation Of Salt Induced Leaf Senescence In Perennial Ryegrass Involving The Activation Of Antioxidant Systems And Ionic Balance. *Environmental And Experimental Botany* 125: 1–11.
- Mansuroglu, S., Karaguzel ,O., Ortacesme, V., Sayan, M.S. 2009. Effect of Paclobutrazol on Flowering, Leaf and Flower Colour of *Consolida orientalis*. *Pakistan Journal of Botany*, 41(5): 2323–2332.
- Mariana, M., Hamdani, J.S. 2016. Growth and Yield of *Solanum tuberosum* at Medium Plain with Application of Paclobutrazol and Paranet Shade. *Agriculture and Agricultural Science Procedia*, 9: 26 – 30.
- Masuda, T., Ohta, H., Shioi, Y., Tsuji, H., Takamiya, K. 1995. Stimulation of Glutamyl-tRNA Reductase Activity by Benzyladenine in Greening Cucumber Cotyledons. *Plant Cell Physiology*, 36: 1237-1243.
- Menhennet, R. 1979. *Lenton Recent Development In The Use Of Plant Growth Retardants*. London : Brit. Plant Growth Regulator Group. Pp. 27-28.
- Motley, T.J., Zerega, N., Cross H. 2006. *Darwin's Harvest: New Approaches to the Origins, Evolution, and Conservation of Crops*. Columbia University Press. Pp: 67-90.
- Murai, Norimoto. 2014. Review: Plant Growth Hormone Cytokinins Control The Crop Seed Yield. *American Journal Of Plant Sciences*, 5: 2178-2187.
- Nagel, L., Brewster, R., Riedell, W., Reese, R.N. 2001. Cytokinin Regulation of Flower and Pod Set in Soybeans (*Glycine max* (L.) Merr.). *Annals of Botany*, 88: 27–31.
- Nazarudin, M.R.A., Fauzi, R.M., Tsan, F.Y. 2007. Effects Of Paclobutrazol on The Growth And Anatomy of Stems And Leaves of *Syzygium Campanulatum*. *Journal of Tropical Forest Science*, 19(2): 86–91.
- Nouriyani, H., Majidi, E., Seyyednejad, S.M., Siadat, S.A., Naderi, A. 2012. Effect of Paclobutrazol under Different Levels of Nitrogen on Some Physiological Traits of Two Wheat Cultivars (*Triticum aestivum* L.). *World Applied Sciences Journal*, 16 (1): 01-06.
- Ookawa, T.N., Sayama, Y.A., Hisama H. 2004. Cytokinin Effect On Ribulosa 1-5 Bifosfat Carboxylase/Oxygenase and Nitrogen Partitioning In Rice During Ripening. *Crop Science* 44 (6): 2107-2115.
- Ozeki, Y., Komamine, A. 1981. Induction of anthocyanin synthesis in relation to embryogenesis in a carrot suspension culture: correlation of metabolic differentiation with morphological differentiation. *Physiol Plant*, 53:570–577.
- Pal, P., Mondal, S., Kundu, S. 2017. Effect of Paclobutrazol on Vegetative

- Response Production of Mango (*Mangifera indica* L., var. Himsagar). *International Journal of Current Microbiology and Applied Sciences*, 6(12): 1264-1275.
- Pan, S., Rasul, F., Li, W., Tian, H., Mo, Z., Duan, M., Tang, X. 2013. Roles of Plant Growth Regulators on Yield, Grain Qualities and Antioxidant Enzyme Activities in Super Hybrid Rice (*Oryza sativa* L.). *Rice Journal*, 6: 2-10.
- Paucar-Menacho, L.M., Martínez-Villaluenga, C., Dueñas, M., Frias, J., Peñas, E. 2017. Optimization of Germination Time and Temperature to Maximize the Content of Bioactive Compounds and The Antioxidant Activity of Purple Corn (*Zea mays* L.) by Response Surface Methodology. *LWT - Food Science and Technology*, 76, 236–244.
- Purwono dan Hartono. 2005. Bertanam jagung unggul. Bogor: Penebar Swadaya. Pp: 23-26.
- Rademacher, W. 2000. GROWTH RETARDANTS: Effects on Gibberellin Biosynthesis and Other Metabolic Pathways. *Annu. Rev. Plant Physiol. Plant Mol. Bio*, 51:501–531.
- Razavizadeh, R., Amu, B.M. 2013. Effect of Paclobutrazol on Improving Drought Tolerance in Seedlings Of (*Brassica Napus* L.) In Vitro. *Plant Process and Function*, 2(3). 21-34.
- Runtuuwu, S.D., Mamarimbing, R., Tumewu, P., Sondakh T. 2011. Konsentrasi Paclobutrazol Dan Pertumbuhan Tinggi Bibit Cengkeh (*Syzygium aromaticum* (L.) Merryl & Perry). *Eugenia*, 17 (2):135-141.
- Sambeka, F., Runtuuwu, S.D., Rogi J.E.X. 2010. Efektivitas Waktu Pemberian Dan Konsentrasi Paklobutrazol Terhadap Pertumbuhan Dan Hasil Kentang (*Solanum Tuberosum* L.) Varietas Superjohn. *Journal Eugenia*. 18 (2): 126-134.
- Sari, A.K., Indriyani, S., Ekowati, G., Batoro J. 2017. Keragaman Struktur Butir Amilum , Kadar Tepung , dan Clustering Delapan Taksa Tanaman Berumbi Di Desa Simo Kecamatan Kendal Kabupaten Ngawi. *Biotropika*, 5(1): 14–21.
- Sayed, S.A. 1999. Effects of lead and kinetin on the growth and some physiological components of safflower. *Plant growth regul*, 29: 167-174.
- Schmülling, T. (2013). Cytokinin. *Encyclopedia of Biological Chemistry*, 1, 627–631.
- Shi, M and Xie, D. 2014. Biosynthesis and Metabolic Engineering of Anthocyanins in *Arabidopsis thaliana*. *Recent Patents on Biotechnology*, 8: 47-60.

- Sinaga, S.M., Intan, M., Silalahi J. 2015. Protein Analysis Of Canned Legumes by Using Visible Spectrophotometry and Kjeldahl Method. *International Journal of PharmTech Research*, 8(6): 258–264.
- Sinniah, U.R., Sri, W., Bambang, S.A.S., Gantait S. 2012. A Potential Retardant for Lodging Resistance in Direct Seeded Rice (*Oryza sativa* L.). *Canadian Journal of Plant Science*, 92(1): 13-18.
- Sivakumar, T., Lakshmanan, G.M.A., Murali, P.V., Panneerselvam, R. 2010. Alteration of Antioxidative Metabolism Induced by Triazoles in Sweet Potato. *Journal of Experimental Sciences*, 1(3): 10-13
- Sopher, C.R., Huner, N.P.A., Marianna, K., Fletcher, R.A. 1999. Chloroplastic Change Associated with Paclobutrazol-Induces Stress Protection in Maize Seedling. *Canadian Journal of Botany*, 77(2):279-290.
- Suarni and S Widowati. 2007. Struktur, Komposisi, dan Nutrisi Jagung. *Puslitbang Tanaman Pangan*, 410–426.
- Subandi, Syam M., A. Widjono. (1988). *Jagung*. Bogor: Badan Penelitian dan Pengembangan Tanaman Pangan.
- Taiz, L. dan E. Zeiger. 1998. *Plant Physiology*. Sinner Associates, Massachuset.
- Tari, I. 2004. Abaxian and Adaxial Stomatal Density, Stomatal Conductances and Water Status of Bean Primary Leaves as Affected by Paclobutrazol. *Biologi Plantarum*, 47: 212-220.
- Tekalign, T and Hammes, P.S. 2004. Response of Potato Grown Under Non Inductive Condition to Paclobutrazol: Shoot Growth, Chlorophyll Content, Net Photosynthesis, Assimilate Partitioning, Tuber Yield, Quality, and Dormancy. *Plant Growth Regulation* 43: 227–236.
- Tesfahun, Wakjira. 2017. Effect of Rates and Time of Paclobutrazol Application on Growth, Lodging, and Yield and Yield Components of Tef [*Eragrostis Tef* (Zucc.) Trotter] in Adadistrict, East Shewa, Ethiopia. *Journal of Biology, Agriculture and Healthcare*, 7(13): 23-41.
- Teto, A.A., Laubscher, C.P., Ndakidemi, P.A., Matimati, I. 2016. Paclobutrazol Retards Vegetative Growth in Hydroponically-Cultured *Leonotis Leonurus* (L.) R.Br. Lamiaceae for a Multipurpose Flowering Potted Plant. *South African Journal of Botany*, 106: 67–70.
- Towne, G and Owensby C. 1983. Cytokinins effect on protein and chlorophyll content of big bluestem leaves. *Journal of Range Management*, 36: 75-77.
- Tsegaw, T., Hammes, S., Robert J. 2005. Paclobutrazol Induced Leaf, Stem, and Root Anatomy Modification On Potato. *Hort Science* 40(5): 1345-1346.

- United State Department Of Agriculture. (2017). Classification for Kingdom Plantae Down to Species *Zea mays* L. (<https://plants.usda.gov/java/ClassificationServlet?source=display&classid=ZEMA>) (diakses 15 Agustus 2017).
- Valle, R.R and DeAlmeida, A.A.F. 1991. Growth Reduction Effects of Paclobutrazol Applied at Different Cacao Seedling Stages. *J. Peaq. Agropec. Brasilia* 26: 1911-1917.
- Vershilovskaya, I.V., Yaronkaya, E.B., Vezitskii, A.Y., Averina, N.G. 2004. Investigation of Cytokinin Action Mechanisms of the System of Chlorophyll Biosynthesis. *Izvestiya Rossiiskoi Akademii Nauk-Seriya Biologicheskaya*, 1:80-84.
- Wahyuni, S., Sinniah, U., Yusof, A., Amaerthalingan R. 2012. *The Effect Of Paclobutrazol And Rohexadione Calcium On Growth, Lodging Resistance And Yield Of Wet Seeded Rice*. Pusat Penelitian Dan Pengembangan Pangan, Departemen Pertanian.
- Wang, G., Sun, S., Xing, G., Wu, X., Wang, F., Xiong, A. 2015. Morphological Characteristics, Anatomical Structure, and Gene Expression: Novel Insights into Cytokinin Accumulation during Carrot Growth and Development. *PLoS ONE*. 1-16.
- Wang, H., Pampati, N., McCormick, W.M., Bhattacharyya L. 2016. Protein Nitrogen Determination by Kjeldahl Digestion and Ion Chromatography. *Journal of Pharmaceutical Sciences*, 105(6): 1851–1857.
- Wang, S.Y., Tung, S., Faust, M. 1986. Translocation of Paclobutrazol, A Gibberellin Biosynthesis Inhibitor, In Apple Seedlings. *Plant Physiol.* 82: 11-14
- Werner, T., Václav, M., Miroslav, S., Schmülling. 2001. *Regulation of Plant Growth by Cytokinin. Preceeding of national academy of science of United State America*, 98(18): 10487–10492.
- Wieland, W.F and Wample, R.L. 1984. Effect of Paclobutrazol on Growth, Photosynthesis and Carbohydrate Content of ‘ Delicious’ Apple. *Scientia Horticulturae*, 26: 139--147
- Xie, Z., Jiang, D., Dai, T., Qi, Jing., Cao, W. 2004. Effects of Exogenous ABA and Cytokinin on Leaf Photosynthesis and Grain Protein Accumulation in Wheat Ears Cultured In Vitro. *Plant Growth Regulation*, 44: 25–32.
- Yanu, P. and Jakmune J. 2017. Down scaled Kjeldahl digestion and flow injection conductometric system for determination of protein content in some traditional northern Thai foods. *Food Chemistry*, 230: 572–577.
- Yeshitela, T., Robbertse, P.J., Stassen, P.J.C. 2004. Paclobutrazol supressed vegetative growth and improve yield as well as fruit quality of ‘Tomy

Atkins' mango (*Mangifera indica* L.) in Ethiopia. *N. Z. J. Crop Hort. Sci.*, 38:281-293.

Yim, K.O., Kwon, Y.W., Bayer D. 1997. Growth Response And Allocation Of Assimilate Of Rice Seedling By Paclobutrazol And Giberelin Treatment. *J.Plant Growth Regulation*, 16: 35-41.

Zahir, Z.A., Asghar, H.N., Arshad, M. 2001. Cytokinin and Its Precursors for Improving Growth and Yield of Rice. *Soil Biology & Biochemistry*, 33: 405-408.

Zalabak, D., Hana, P., Mári, Š., Katarína, M., Ivo, F., Petr, G. 2011. Genetic Engineering of Cytokinin Metabolism: Prospective Way To Improve Agricultural Traits Of Crop Plants. *Biotechnology Advances*, 31: 97–117.

Zhao, Yunde. 2008. The Role of Local Biosynthesis of Auxin And Cytokine In Plant Development. *Current Opinion In Plant Biology*, 11:16–22.

Zheng. C., Yunji, Z., Chenyang, W., Tiancai, G., Guangyuan, N. 2016. Wheat Grain Yield Increase in Response to Pre-Anthesis Foliar Application of 6-Benzylaminopurine is Dependent on Floret Development. *PLoS One*. 2016; 11(6): 4-14.