

DAFTAR PUSTAKA

- Ahmadi, H. & R.S. Bringhurst. 1992. Breeding Strawberries at The Decaploid Level. *J. Amer. Soc. Hort. Sci.* 117(5):856-862.
- Ahloowalia, B.S. 1965. A Root Tip Squash Technique for Screening Chromosome number in Lolium. *Euphytica*. 14:170-172.
- Akbar, A. 2014. *Karakter Fenotipik Tanaman Stroberi (*Fragaria x ananassa* cv. Festival) Hasil Induksi Kolkisin pada Konsentrasi 0.01%*. Laporan Seminar. Fakultas Biologi Universitas Gadjah Mada. Yogyakarta.
- Aristya, G. R., R. Alyza, R. Khoiroh, dan B.S. Daryono. 2013. Chromosome Number and Time Period of Mitotic Cycle of Festival and Californica Strawberry Cultivar (*Fragaria x ananassa* and *Fragaria vesca*). *Proc. Of The International Conference Biological Science*. Fakultas Biologi, Universitas Gadjah Mada. Yogyakarta.
- Aristya, G.R. 2014. Optimalisasi Induksi Poliploid pada Tanaman Stroberi (*Fragaria* spp. “Festival” dan “Californica”). *Jurnal Penelitian dan Pengembangan*. 6(10):77-91.
- Aristya, G.R. & B.S. Daryono. 2014. Karakter Fenotipik Tanaman Stroberi Festival (*Fragaria x ananassa* D.) Hasil Induksi Kolkisin pada Konsentrasi 0.05% dan 0.01%. *Biogenesis*. 2(2):70-78.
- Arisuryanti, T. 1994. *Pengaruh Kolkisin terhadap Pembelahan Mitosis Tanaman Nilam (*Pogostemon cablin* Benth.)*. Laporan Penelitian Fakultas Biologi UGM-Depdikbud. Yogyakarta. Hal. 10-14.
- Aversano, R., M.R. Ercolano, I. Caruso, C. Fasano, D. Rosellini, & D. Carputo. 2012. Molecular Tools for Exploring Polyploid Genomes in Plants. *International Journal of Molecular Sciences*. 13:10319-10320.
- Budiman, S. & D. Saraswati. 2005. *Berkebun Stroberi Secara Komersial*. Penebar Swadaya. Jakarta.
- Bringhurst, R.S. 1990. Cytogenetics and Evolution in America *Fragaria*. *HortScience*. 25(8):1.
- Chandler, C. K., D.E. Legard, & D.D. Dunigan. 2000. Strawberry Festival. *HortScience*. 35(7):1366-1367.
- Cires, E., C. Cuesta, M.A.F. Casado, H.S. Nava, V. M. Vazquez, & J.A.F. Prieto. 2011. Isolation of Plant Nuclei Suitable for Flow Cytometry from Species with Extremely Mucilaginous Compounds : an Example in The Genus *Viola* L. (Violaceae). *Anales del Jardin Botanico de Madrid*. 68(2):139-154.
- Cousin, A.K. Heel, W.A. Cowling, & M.N. Nelson. 2009. An Efficient High-throughput Flow Cytometric Method for Estimating DNA Ploidy Level in Plants. *International Society for Advancement of Cytometry (ISAC)*. 75:1015-1019.
- Crowder, L.V. 1986. *Genetika Tumbuhan*. Gadjah Mada University Press. Yogyakarta. Hal. 297-308.
- Damayanti, F. 2007. Analisis Jumlah Kromosom dan Anatomi Stomata pada Beberapa Plasma Nutfah Pisang (*Musa* sp.) Asal Kalimantan Timur. *Bioscientiae*. 4(2):55-61.



- Gianfranco, V., C. Ravalli, & R. Cremonini. 2008. The Karyotype as a Tool to Identify Plant Species *Vicia* species Belonging to *Vicia* subgenus. *Caryologia*. 61(3):300-305.
- Glowacka, K., S. Jezowski, & Z. Kaczmarek. 2010. In vitro Induction of Polyploidy by Colchicine Treatment of Shoots and Preliminary Characterisation of induced polyploids in two *Miscanthus* species. *Industrial Crops and Products*. 32:88-96.
- Handley, D.T. 1998. *The Strawberry Plant : What You Should Know*. Guide for Northeast, Midwest and Eastern. Canada. P. 1-3
- Hanif, Z. & H. Ashari. 2013. *Sebaran Stroberi (*Fragaria x ananassa*) di Indonesia*. Balai penelitian tanaman jeruk dan buah subtropika. Kota Batu.
- Haryanto, F.F. 2010. Analisis Kromosom dan Stomata Tanaman Salak Bali (*Salacca zalacca* var. **amboinensis (Becc.) Moge**), Salak Padang Sidempuan (*S. sumatrana (Becc.)*) dan Salak Jawa (*S. zalacca* var. **zalacca (Becc.) Moge**). Naskah Skripsi. Fakultas Pertanian Universitas Sebelas Maret. Solo. Hal. 22-24.
- Hizume, M., F. Shibata, Y. Matsusaki, & Z. Garajova. 2002. Chromosome Identification and Comparative Karyotypic Analysis of Four *Pinus* Species. *Theor Appl Genet*. 105:491-493.
- Hummer, K.E., N. Bassil, & W. Njuguna. 2011. *Fragaria*. Springer. UK. P. 24.
- Ichijima, K. 1926. Cytological and Genetic Studies of *Fragaria*. *Genetics*. 11:590.
- Leitch, I.J. & M.D. Bennett. 2004. Genome Downsizing in Polyploid Plants. *Biological Journal of the Linnean Society*. 82:651-663.
- Khoiroh, R. 2015. *Karakterisasi Kromosom Stroberi (*Fragaria vesca* L. subsp. *Californica* Cham. & Schltdl. cv. *Californica*) Hasil Poliploidisasi*. Naskah Skripsi. Fakultas Biologi Universitas Gadjah Mada. Yogyakarta. Hal. 40.
- Levan, A., K. Fredga, & A.A. Sandberg. 1964. *Nomenclature for Centromeric Position on Chromosomes*. Institute of Genetics, Lund. Sweden. P. 201-220.
- Mardianti, R. 2014. Ekstrak Etanolik Umbi Kembang Sungsang dan Daun Tapak Dara Sebagai Substitusi Kolkisin dalam Meningkatkan Pertumbuhan dan Kualitas Buah Melon. Naskah Tesis. Fakultas Pertanian Universitas Bengkulu. Bengkulu. Hal. 1.
- Moore, C.M. & R.G. Best. 2001. Chromosome Preparation and Banding. *Encyclopedia of Life Science*. 1:1-8.
- Nathewet, P. T. Yanagi. K.E. Hummer. Y. Iwatsubo & K. Sone. 2009. Karyotype Analysis in Wild Diploid, Tetraploid and Hexaploid Strawberries, *Fragaria* (Rosaceae). *Cytologia*. 74(3): 355-364.
- Owen, H.R. and A.R. Miller. 1993. A Comparison of Staining Technique for Somatic Chromosomes of Strawberry. *HortScience*. 28(2):155-156.
- Ochatt, S.J. 2006. *Flow Cytometry (Ploidy determination, Cell Cycle Analysis, DNA content per nucleus)*. Medicago Truncatula Handbook. France. P. 1-5.
- Ochatt, S.J. 2008. Flow Cytometry in Plant Breeding. *International Society for Advancement of Cytometry (ISAC)*. 73A:581-598.

- Ostergren, G. & W.K.Heneen. 1962. A Squash Technique Chromosome Morphological Studies. *Institute of Genetics, Lund. Sweden*. P. 332-334.
- Passarge, E. 2001. *Color Atlas of Genetics*. Thieme Stuttgart. New York. P. 261.
- Pasqual, M., L.A.S. Pio, A.C.L. Oliveira, & J.D.R. Soares. 2012. Flow Cytometry Applied in Tissue Culture. *Recent Advances in Plant in vitro Culture*. P. 111-114.
- Pratama, P. 2008. *Analisis Strategi Pemasaran Buah Stroberi Vin's Berry Park Desa Jambudipa, Kecamatan Cisarua-Lembang Kabupaten Bandung, Jawa Barat*. Naskah Skripsi. Fakultas Pertanian Institut Pertanian Bogor. Bogor. Hal. 33.
- Permana, Y.D. 2012. *Induksi Poliploid Tanaman indigofera (*Indigofera tinctoria* L.) dengan ekstrak etanolik daun tapak dara (*Cantharanthus roseus* (L.) G.Don)*. Naskah Skripsi. Fakultas Biologi Universitas Gadjah mada. Yogyakarta. Hal.10.
- Rahayu, S.S.B. 1990. Variasi Jumlah dan Morfologi Bunga *Ageratum conyzoides* L. Laporan Penelitian UGM-Depdikbud. Yogyakarta. Hal. 5.
- Ramanna, M.S. & E. Jacobsen. 2003. Relevance of Sexual Polyploidization for Crop Improvement – A Review. *Euphytica*. 133:3-18.
- Region, N. 2013. *The Mid-Atlantic Berry Guide*. Penn State Cooperative Extension. Atlantic. P. 49-51
- Rho, R., Y.J Hwang, H.I. Lee, C.H. Lee, & K.B. Lim. 2012. Karyotype Analysis using FISH (Fluorescence in situ Hybridization) in *Fragaria*. *Scientia Horticulturae*.136:95-100.
- Salama, A.M. & M.I. Naguib. 1964. Colchicine After-Effects on the Absorption and Utilisation of Sucrose by *Cunninghamella* sp.. *Archiv fur Mikrobiologie*. 48:185.
- Santosa, A.A. 2011. *Pengelolaan Pembibitan Stroberi Di Vin's Berry Park, Cisarua, Bandung Barat, Jawa Barat*. Naskah Skripsi. Fakultas Pertanian Institut Pertanian Bogor. Bogor. Hal.6.
- Schepper, S., L. Leus, M. Mertens, E. Van Bockstaele, & M. De Loose. 2001. Flow Cytometric Analysis of Ploidy in *Rhododendron* (Subgenus *Tsutsui*). *Hortscience*. 36(1):125-127.
- Singh, R.J. 1999. *Plant Systematic*. Science Publisher, Inc. New York. P. 78.
- Scott, D.H. 1950. Cytological Studies on Polyploids Derived From Tetraploid *Fragaria vesca* and Cultivated Strawberries. *Genetics*. 36:311.
- Setiawan, A. 2014. Analisis Ploidi Plantler Anggrek Tanah Hibrid (*Spathoglottis x Bintang Segunung*) Hasil Kultur Ovarium Secara *In Vitro*. Naskah Skripsi. Fakultas Biologi Universitas Gadjah Mada. Yogyakarta. Hal. 39-42.
- Susianti, A. 2014. *Karakter Fenotipik Tanaman Stroberi (*Fragaria x ananassa* cv. Festival) Hasil Induksi Kolkisin pada Konsentrasi 0.01%*. Laporan Seminar. Fakultas Biologi Universitas Gadjah Mada. Yogyakarta.
- Solomon, E.P., L.R. Berg, & D.W. Martin. 2008. *Biology*. 8th edition. Thomson Higher Education. New York. P. 215-221
- Suminah, Sutarno, dan A. D. Setyawan. 2002. Induksi Poliploid Bawang Merah (*Allium ascalonicum* L.) dengan Pemberian Kolkisin. *Biodiverisitas*. 3(1):174-180.



- Sumner, A.T. 2003. *Chromosomes*. Blackwell publishing. North Berwick. P. 194-196.
- Suryo. 1995. *Sitogenetika*. Gadjah Mada University Press. Yogyakarta. Hal. 217-225.
- Sutikno. 1997. Jumlah Kromosom pada berbagai Kultivar Salak (*Salacca edulis Reinw.*) di Kabupaten Sleman Daerah Istimewa Yogyakarta. Laporan Penelitian UGM-Depdikbud. Yogyakarta.
- Wijaya, T.R. 2010. Analisis Metode Pewarnaan Kromosom Tanaman Jati (*Tectona grandis L.f.*). Naskah Skripsi. Departemen Silviculture Institut Pertanian Bogor. Bogor. Hal. 18.
- Yanagi, T., K. E. Hummer, T. Iwata, K. Sone, P. Nathewet, T. Takamura. 2010. Aneuploidy Strawberry ($2n = 8x+2 = 58$) was Developed from Homozygous Unreduced Gamete ($8x$) Produced by Second Division Restitution in Pollen. *Scientia Horticulturae*. 125:123-128.
- Yarnell, S.H. 1930. A Study of Certain polyploidy and Aneuploid Forms in *Fragaria*. *Genetics*. 16:472.
- Yuniasih. 2011. *Anatomi Akar, Batang, Daun, dan Kandungan Gizi Tanaman Melon (*Cucumis melo L.*) Kultivar Melodi Gama-1 Hasil Poliploidisasi Dengan Bio-Catharantine*. Naskah Tesis. Fakultas Biologi Universitas Gadjah Mada. Yogyakarta.