

DAFTAR PUSTAKA

- Almohamad, R. 2008. *Foraging and Oviposition Behaviour in the Predatory Hoverfly Episyrphus baltetaus DeGeer (Diptera: Syrphidae): a Multitrophic Approach*. Academie Universitaire Wallonie. Facultate Universitaire Agronomiques De Gembloux. Europe. Thesis
- Alotaiba, S., & G. Elsayed. 2007. Recent knowledge about the Relation Between Allelochemicals in Plant and The Insect. *World Journal of Zoology* 2(1):1-8
- Ambika, S. R & S. Poornima, 2006. Additional Methods to control *Chromolaena odorata* (L.) King and Robinson. *Seventh International Workshop on Biological Control and Management of Choromolaena odorata*. Pingtung, China, September 2006.
- Anonim. 2008. Pengelolaan Hama Terpadu Cabai Merah pada Lahan Berpasir. *Warta Penelitian dan Pengembangan Pertanian, Yogyakarta* 30 (5) : 3-5.
- Apriliyanto, E. 2010. *Pengaruh Pemberian Kompos Gulma Siam Terhadap Populasi Arthropoda pada Tanaman Cabai*. Fakultas Pertanian. Universitas Gadjah Mada. Tesis.
- Badan Pusat Statistik. 2010. Statistik Indonesia.
- Bentz, J.A, Reeves, J. Barbosa, Francis, B. 1995. Effect of Nitrogen Fertilizer Source and Level on Ovipositional Choice of Poinsettia by *Bemisia argentifolii* (Homoptera: Aleyrodidae). *J. Econ. Entomol.* 88 :1388-1392
- Billick, I., Hammer, S., Reithel, J. S. & Abbot, P. 2007. Ant-aphid interactions: are ants friends, enemies, or both?. *Ann. Entomol. Soc. Am.* 100, 887-892.
- Bjorkman, C. 2000. Interactive effects of Host Resistance and Drought Stress on the Performance of a gall-making aphid living on Norway spruce. *Oecologia*, 123: 223-231.
- Bluthgen, N. 2003. *How Availability and Quality of Nectar and Honeydew Shape an Australian Rainforest Ant Community*. de Fakultat Biologie. Universitat Bayreuth. Dissertation
- Borowicz, V.A., U. Albrecht, & R.T. Mayer. 2003. Effects of Nutrient Supply on Citrus Resistance to Root Herbivory by *Diaprepes abbreviatus* L. (Coleoptera ; Curculionidae). *J. Environmental Entomology*. 32:1242-1249

- Chandrashekar, S.C. & G.N.Gajanana. 1996. Exploitation of *Chromolaena odorata* (L.) King and Robinson as Green Manure for Paddy. Proceeding of *The Fourth International Workshop on Bio-control and Management of Chromolaena odorata*. Bangalore India. October 1996
- Doring, F.T & Chittka, L. 2006. Visual Ecology of Aphids-a Critical Review on the Role Colours in Host Finding. *Arthropod-Plant Interaction*.
- Douglas, a. E. 2006. Phloem-Sap Feeding by Animals: Problem and Solutions. *J.Exp Bot.*57:747-754
- Guerrieri, E., & Digilio, C. M. 2008. Aphid-Ant Interaction : Review. *Journal of Plant Protection*. Vol. 3 No.4 : 223-232
- Grainge, M. and S. Ahmed. 1988. *Handbook of Plants with Pest-Control Properties*. Wiley, New York.
- Hairiah, K., & E. Handayanto. 2007. *Biologi Tanah*. Pustaka Adipura. Yogyakarta
- Hanafiah, K.A., 2007. *Dasar-dasar Ilmu Tanah*. Raja Grafindo Persada, Jakarta.
- Harborne, J.B. 1993. *Metode Fitokimia: Pemuntun Cara Modern Menganalisis Tumbuhan*. Penerbit ITB. Bandung
- Hasnely. 2001. Kontribusi N Tanaman Kerinyuh terhadap Pertumbuhan Tanaman Jagung yang di Runut dengan 15N. Tesis Pasca Sarjana UNAND
- Hastuti, P.B. 2001. Pengaruh Berbagai Macam Bahan Organik terhadap Pertumbuhan dan Hasil Padi IR-64. *Buletin Ilmiah Instiper*. 8:25-30
- Hemptinne, J.L., A.F.G. Dixon, J.L.Doucet & J.E. Petersen. 1993. Optimal Foraging by Hoverflies (Diptera; Syrphidae) and Ladybirds (Coleoptera :Coccinellidae) :Mechanism. *Eur. J. Entomol.*90 : 451-455
- Hirano, K., E. Budiyanto, & S. Winarni. 1993. Biological Characteristics and Forecasting Outbreaks of the Whitefly, *Bemisia tabaci* a Vector of Virus Diseases in Soybean Fields.
- Hoddle, M.S. 2003. The Biology and Management of Silverleaf Whitefly, *Bemisia argentifolii* Bellow and Perring (Homoptera: Aleyrodidae) on Greenhouse Grown Ornamentals.
- Hunter, M.D. & Price, P.W. (1992). Playing Chutes and Ladders: heterogeneity and the relative roles of bottom-up and top-down forces in natural communities. *Ecology*, 73, 724-732



- Isman, B.H. 2003. The Study of n,P,and K Fertilizer on The Sweet Corn in Vary Dose Farm Manure on Regosol soil type. *AgrUMY: Ilmu-ilmu Pertanian*. 11:7-16
- Jansson, J. 2003. *The Influence of Plant Fertilisation on Plant-Aphid-Parasitoid Interactions*. Departement of Entomology Uppsala. Swedish University of Agricultural Sciences. Dissertation.
- Jansson, R.K, & B. Ekbom. 2002. The Effect of Different Plant Nutrient Regimes on the Aphid *Macrosiphum euphorbiae* Growing on Petunia. *Entomol. Exp. Appl.* 104:108 – 116
- Kalshoven, L. G. E. 1981. *The Pests of Crops in Indonesia*. Revised and Translated by P.A. Van Der Laan with assistance of G.H.L. Rothchilt. PT. Ikhtiar Baru Van Hoeve. Jakarta.
- Karban, R., I. T. Baldwin, K. J. Baxter, G.Laue & G. W. Felton. 2000.. Communication Between Plant : Induced resistance in Wild Tobacco Plants following Clipping in Neighboring Sagebrush Oecologia
- Karimzadeh, J., M.B. Bonsall, & D.J. Wright. 2004. Bottom-up and Top-down effects in Tritrophic System : The Population Dynamics of *Plutella xylostella* L – *Cotesia plutella* (Kurdjumov) on Different Host Plants. *Ecological Entomology*. 29:285-293
- Kastono, D. 2005. Tanggapan pertumbuhan dan hasil kedelai hitam terhadap penggunaan pupuk organik dan biopestisida gulma siam (*Chromolaena odorata*). *Ilmu Pertanian* 12 (2) : 103-116.
- Lingga, P & Marsono. 2009. *Petunjuk Penggunaan Pupuk*. Penebar Swadaya. Jakarta
- Mooney, A. K., & Agrawal, A. A. 2008. Plant Genotype Ant-Aphid Interaction : Implications for Community Structure and Indirect Plant Defense. *The American Naturalist*. Vol.171. No. 6 : 198-205.
- Ninkovic, V. 2002. *Plant Volatiles Mediate Tritrophic Interaction: Barley, Aphids and Ladybirds*. Departement of Entomology. Swedish University of Agricultural Sciences.Uppsala. Thesis
- Odum, E.P. 1971. *Dasar-dasar Ekologi*. Edisi Kedua. Terjemahan Tj. Samingun. 1994. UGM Press. Yogyakarta.
- Painter, H.R. 1951. *Insect Resistance in Crop Plants*.The University Press of Kansass. London



Pasaribu, O.B.M., R. Astuti, Azwana, Maimunah, & H. Zahara. 2007. Pengaruh metil eugenol dari bahan tanaman selasih terhadap perkembangan populasi serangga pada tanaman cabe merah organik. Diseminarkan pada *Temu Teknis Pejabat Fungsional Non Peneliti*. Bogor, 21-22 Agustus 2007.

Poerwowidodo, 1992. *Telaah Kesuburan Tanah*. Angkasa CV. Bandung

Polis, G.A. & D.R. Strong. 2000. Food Web Complexity and Community Dynamics. *American Naturalis* 147 : 733-771

Power, M.E. 1992. Top-down and Bottom-up forces in food webs: do plants have primacy? *Ecology*, 73, 733-746.

Prince, P.W., Bouton, C.E., Gross, P., McPheron, B.A., Thompson, J.N., & Weis, A.E. (1980). Interaction among Three Trophic level : Influence of Plants on Interactions between herbivores and natural Enemies. *Annual Review of Ecology and Systematic* 11: 41-65

Polis, G.A., Anna L.W., Sears, G.R. Huxel, D. R. Strong and J. Maron. 2000. When is a trophic cascade a trophic cascade?. *TREE* vol. 15, no. 11 November 2000. hal 473-475

Rahayu, D.S. 2008. *Pengaruh Kompos Gulma Siam Chromolaena odorata pada Pertumbuhan Sawi dan Populasi Arthropoda*. Fakultas Pertanian. Universitas Gadjah Mada. Tesis

Renault, C.K., I. M. Buffa & M. A. Delfino. 2005. An Aphid-Ant Interaction : Effects on Different Trophic Levels. *Ecol Res* 20: 71-74

Rovihandono, R., 2008. Memulihkan Rumput Sabana di Sumba Timur Melalui. Pemanfaatan Gulma.

Rypstra, A.L., & s.d. marshall. 2005. Augmentation of Soil detritus affects Spider Community and Herbivory in Soybean Agroecosystem. *Entomologia Experimentalis et Applicata* 116:149-157

Salisbury, F.B. & C.W. Ross. 1995. *Plant Physiology 4th Edition*. Wadsworth Publishing Company. Belmont. California

Scoonhoven, L.M, V, Loon, & M. Dicke. 2007. *Insect Plant Biology*. Oxford University Press.

Setiawati, W., B.K. Udiarto, & N. Gunaeni. 2009. Preference and Infestation Pattern of *Bemisia tabaci* (genn) on Some Tomato Varieties and Its Effect on Gemini Virus Infestation. *Indonesian Journal of Agriculture* 2(1): 57-68



- Setiadi. 2008. *Bertanam Cabai*. Penebar Swadaya. Jakarta. 184 hlm
- Stadler, B. & Dixon, F.G. A. 2005. Ecology and Evolution of Aphid-Ant Interactions. *Annu. Rev. Ecol. Sys.* 36 : 342-372
- Suntoro, S., E. Handayanto, & soemarmo. 2001. Penggunaan Bahan Pangkasan Kirinyuh (*Chromolaena odorata*) untuk Meningkatkan Ketersediaan P, K, Ca, dan Mg pada Oxid Dystrudepth di juumapolo. Karanganyar. Jawa Tengah. *Agrivita*. XXIII: 20-26
- Smith, M.C. 1989. *Plant Resistance to Insects*. John Wiley & Sons, Inc. United States of America.
- Tscharntke, T. & Hawkins, A.B. 2002. *Multitrophic Level interactions*. Cambridge University Press. United Kingdom.
- Untung, K. 2006. *Pengantar Pengelolaan Hama Terpadu*. Gadjah Mada University Press
- Verheggen, F. 2008. *Production of Alarm Pheromone in Aphids and Perception by Ants and Natural Enemies*. Academie Universitaire Wallonie. Facultate Universitaire Agronomiques De Gembloux.Europe. Thesis
- Widarto, Z. Kamal & Suroso. 2007. Penentuan kadar unsure di dalam daun krenyu dengan metode analisis neutron cepat. Makalah Disampaikan dalam *Seminar Nasional III SDM Teknologi Nuklir*, 21-22 November 2007. Yogyakarta. Hal. 377-382.
- Yasuda, H & T. Kimura. 2003. Interspecific Interactions in a Tri-trophic Arthropod System: Effects of a Spider on the Survival of Larvae of Three Predatory Ladybirds in Relation to Aphids. *Entomologia Experimentalis et Applicata* Vol.98 No.1 : 17-25
- Yuwono, N.W & A. Rosmarkum. *Ilmu Kesuburan Tanah*. Penerbit Kanisius. Yogyakarta
- Roff, M.N., S.A.N. Khalid, A.B. Idris, R.Y. Othman, & S. Jamaludin. 2005. Status of whiteflies as Plant Pest and Virus Vector on Vegetables and Prospect for Control in Malaysia. p.229-241. In Te-Yeh Ku and Chin-Ling wang (Eds.). *Proceeding of the International Seminar on Whitefly Management and Control Strategy*. Taichung, Taiwan



UNIVERSITAS
GADJAH MADA

Potensi kompos gulma siam *chromolaena odorata* L. pada sistem multitrofi tanaman cabai

Dewi, Vira Kusuma , Dr. Ir. Nugroho Susetya Putra, M.Si

Universitas Gadjah Mada, 2011 | Diunduh dari <http://etd.repository.ugm.ac.id/>

