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DAFTAR PUSTAKA

Ahmad, F., Saeed, S., Chen, T., & Saeed, Q. (2021). Lifetable analysis of *Spodoptera exigua* Hübner on alternate hosts from cotton agroecosystem for estimating annual population build-up. *International Journal of Pest Management*, *67*(3), 252–259.

Annisava, A. R., & Solfan, B. (2014). *Agronomi Tanaman Hortikultura*. Aswaja Pressindo.

Berdegué, M., Reitz, S. R., & Trumble, J. T. (1998). Host plant selection and development in *Spodoptera exigua*: Do mother and offspring know best? *Entomologia Experimentalis et Applicata*, *89*(1), 57–64.

BPS. (2024). Statistik Hortikultura. *Badan Pusat Statistik*, *5*.

Budiono, J. P. (2012). Multiplikasi in vitro Tunas Bawang Merah (*Allium ascalonicum*) pada Berbagai Taraf Konsentrasi Air Kelapa. *Jurnal Agronomi*, *8*(2), 75–80.

CABI. (2019). *Spodoptera exigua (Beet Armyworm) Datasheet*. https://www.cabi.org/cpc/datasheet/29808

Capinera, J. L. (1999). *Featured Creatures: Fall Armyworm*. http://entnemdept.ufl.edu/creatures/field/fall_armyworm.htm.

Chen, Y., Cai, F., Cai, L., Chen, F., & Yu, L. (2019). Efficacy of zinnia as a trap crop for the control of *Spodoptera exigua* in onion fields. *Journal of Economic Entomology*, *112*(1), 251–257.

Cook, S. M., Khan, Z. R., & Pickett, J. A. (2007). The use of push-pull strategies in integrated pest management. *Annual Review of Entomology*, *52*, 375–400.

Fattorusso, E., Iorizzi, M., Lanzotti, V., & Taglialatela-Scafati, O. (2002). Chemical Composition of Shallot (*Allium ascalonicum* Hort.)†. *Journal of Agricultural and Food Chemistry*, *50*, 5686–5690.

Forister, M., Dyer, L., Singer, M., Stireman, J., & Lill, J. (2012). Revisiting the evolution of ecological specialization, with emphasis on insect-plant interactions. *Ecology*, *93*, 981–991.

Georghious, G. P., & Saito, T. (2012). *Pest Resistance to Pesticides*. Plenum Press.

Glen, R. (1954). Factor that Affect Insect Abundance. *Journal Og Economic Entomology*, *47*(3), 398–405.

Greenberg, S. M., Sappington, T. W., Legaspi, B. C., Liu, T.-X., & Sétamou, M. (2001). Feeding and Life History of *Spodoptera exigua* (Lepidoptera: Noctuidae) on Different Host Plants. *Annals of the Entomological Society of America*, *94*(4), 566–575.

Greenberg, S., Sappington, T., Legaspi, B., Liu, T.-X., & Setamou, M. (2009). Feeding and Life History of *Spodoptera exigua* (Lepidoptera: Noctuidae) on Different Host Plants. *Annals of the Entomological Society of America*, *94*, 566–575.

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Herlita, M., Tety, E., & Khaswarina, S. (2016). Analisis Pendapatan Usahatani Bawang Merah (*Allium ascalonicum*) di Desa Sei.Geringging Kecamatan Kampar Kiri Kabupaten Kampar. *Jom Faperta*, *3(1)*.

Hervani, D. L., Syukriani, E., Swasti, & Erbasrida. (2008). Teknologi budidaya bawang merah pada beberapa media dalam pot di Kota Padang. *Jurnal Warta Pengabdian Andalas*, *15*(22), 1–8.

Holm, L., Doll, J., Holm, E., Pancho, J. V, & Herberger, J. P. (1997). *World weeds: natural histories and distribution*. John Wiley & Sons.

Jasmi. (2012). Pengaruh Vernalisasi Umbi Terhadap Pertumbuhan, Hasil dan Pembungaan Bawang Merah *(Allium cepa L.* Aggregatum group) di Dataran Rendah. Universitas Gadjah Mada, Yogyakarta.

Koster, W. G. (1990). Exploratory survey on shallot in rice-based cropping system in Brebes. *Buletin Penelitian Hortikultura*, *18*(1), 19–30.

Kranthi, K. R., Jadhav, D. R., Kranthi, S., Wanjari, R. R., Ali, S. S., & Russell, D. A. (2002). Insecticide resistance in five major insect pests of cotton in India. *Crop Protection*, *21*(6), 449–460.

Kusumawati, R., Sahetapy, B., & Noya, S. H. (2022). Uji Ketertarikan Imago Spodoptera exigua Hubner terhadap Beberapa Perangkap pada Tanaman Bawang Merah (*Allium cepa* var ascolonicum). *Agrologia*, *11*(1), 59–66.

Miyanishi, K., & Cavers, P. B. (1980). The biology of canadian weeds. 40. *Portulaca oleracea* L. *J. Plant Sci.*, *60*, 953–963.

Montezano, D. G., Sosa-Gómez, D. R., Paula-Moraes, S. V, Roque-Specht, V. F., Fronza, E., Barros, N. M., & Specht, A. (2015). Biotic potential and reproductive parameters of *Spodoptera dolichos* (Lepidoptera: Noctuidae) in the laboratory. In *Zoologia (Curitiba)* (Vol. 32). scielo .

Mozafari, A. A., Vafaee, Y., & Shahyad, M. (2018). Phytochemical composition and in vitro antioxidant potential of *Cynodon dactylon* leaf and rhizome extracts as affected by drying methods and temperatures. *Journal of Food Science and Technology*, *55*(6), 2220–2229. *https://doi.org/10.1007/s13197-018-3139-5*

Permadi, A. H., & Sastrosiswojo, S. (1993). *Kubis*. Badan Penelitian dan Pengembangan Pertanian Balai Penelitian Hortikultura Lembang.

Rabinowitch, H. D., & Thomas, B. (2023). *© CAB International 2023. Edible Alliums: Botany, Production and Uses.*

Rastogi, A., & Shukla, S. (2013). Amaranth: a new millennium crop of nutraceutical values. *Critical Reviews in Food Science and Nutrition*, *53*(2), 109–125.

Rojas, J. C., & Wyatt, T. D. (1999). *Role of visual cues and interaction with host odour during the host-finding behaviour of the cabbage moth BT - Proceedings of the 10th International Symposium on Insect-Plant Relationships* (S. J. Simpson, A. J. Mordue, & J. Hardie (eds.); pp. 59–65). Springer Netherlands.

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Rosenthal, G. A., & Berenbaum, M. R. (2012). *Herbivores: Their Interactions with Secondary Plant Metabolites Ecological and Evolutionary Processes: Second Edition*. *2*, 1–493.

Rukmana. (2005). *Budidaya Bawang Daun*. Kanisius.

Saeed, S., Sayyed, A. H., & Ahmad, I. (2010). Effect of host plants on life-history traits of *Spodoptera exigua* (Lepidoptera: Noctuidae). *Journal of Pest Science*, *83*(2), 165–172.

Samadi, B., & Cahyono, B. (2005). *Bawang Merah Intensifikasi Usaha Tani*. Kanisius.

Satiman, U., & Taulu, M. (2023). Biological characterization of insect pests *Spodoptera exigua* Hubner Origin North Sulawesi. *Indonesian Biodiversity Journal*, *4*, 18–25.

Schoonhoven, L. M. (2005). Insect-plant relationships: the whole is more than the sum of its parts. *Entomologia Experimentalis et Applicata*, *115*(1).

Shelton, A. M., & Badenes-Perez, F. R. (2006). Concepts and applications of trap cropping in pest management. *Annual Review of Entomology*, *51*, 285–308.

Singh, P. (1982). The rearing of beneficial insects. *New Zealand Entomologist*, *7*(3), 304–310.

Smits, P. H. (1987). Nuclear polyhedrosis virus as biological control agent of *Spodoptera exigua*. *Centrale Landbouwcatalogue*, *1*, 1–121.

Suenaga, H., & Tanaka, A. (1997). Occurrence of beet armyworm, *Spodoptera exigua* (Hübner) (Lepidoptera: Noctuidae) on young growing stage of garden pea, Pisum sativum L. *Japanese Journal of Applied Entomology and Zoology*, *41*(1), 17–25.

Sumarni, N., Sopha, G. A., & Gaswanto, R. (2012). Perbaikan Pembungaan dan Pembijian Beberapa Varietas Bawang Merah dengan Pemberian Naungan Plastik Transparan dan Aplikasi Asam Gibberelat. *J. Hort.*, *22*(1), 14–22.

Supartha, I. W., Kesumadewi, I., Susila, U., Sarjana, D. G., & Suniti, W. (2018). *Teknologi Pengelolaan Terpadu Hama dan Penyakit Penting Tanaman Bawang Merah di Kabupaten Gianyar*. Swasta Nulus.

Supartha, I. W., Susila, I. W., Sumiartha, I. K., Rauf, A., Cruz, L. B. D. C., Yudha, I. K. W., Utama, I. W. E. K., & Wiradana, P. A. (2022). Preference, population development, and molecular characteristics of *Spodoptera exigua* (Lepidoptera: Noctuidae) on shallot cultivars: A field trial scale. *Biodiversitas*, *23*(2), 783–792.

Wibowo, S. (2007). *Budidaya bawang: Bawang putih, bawang merah, bawang bombay*. Penebar Swadaya.

Wilson, J. W. (1932). Notes on the Biology of *Laphygma exigua* Huebner. *Florida Entomologist*, *16*(3), 33–39.