

DAFTAR PUSTAKA

- Abendroth, L.J., R.W. Elmore, M.J. Boyer, & S.K. Marlay. 2011. Corn Growth and Development. Extension Publication. Iowa State University.
- Ayala, O.R., F. Navarro, & E. G. Virla. 2013. Evaluation of the attack rates and level of damages by the fall armyworm, *Spodoptera frugiperda* (Lepidoptera: Noctuidae), affecting corn-crops in the northeast of Argentina. *Rev FCA UNCUIYO*, 45(2): 1-12.
- Capinera, J. L. 2017. Introduction and Distribution Description and Life Cycle Host Plants Damage Natural Enemies Management Selected References of *Spodoptera frugiperda*. Featured Creatures of Entomology and Nematology. University of Florida.
- Cruz, I & F. T. Turpin. 1983. Yield impact of larval infestation of the fall armyworm *Spodoptera frugiperda* (J. E. Smith) to mid-whorl growth stage of corn. *Journal of Economic Entomology*, 76(5): 1052-1054.
- Davis, F.M., S. S. Ng, & W. P. Williams. 1992. Visual rating scales for screening whorl-stage corn for resistance to fall armyworm. *Technical Bulletin-Mississippi Agricultural and Forestry Experiment Station*, 186: 1-9.
- Day, R., P. Abrahams, M. Bateman., T. Beale, V. Clottey, M. Cock, Y. Colmenarez, N. Corniani, R. Early, J. Godwin, J. Gomez, P.G. Moreno, S.T. Murphy, B. Oppong-Mensah, N. Phirl, C. Pratt, S. Silvestri, & A. Witt. 2017. Fall armyworm: impacts and implications for Africa. *Outlooks on Pest Management*, p: 196-201.
- FAO & CABI. 2019. Community-Based Fall Armyworm (*Spodoptera frugiperda*) Monitoring, Early Warning and Management, Training of Trainers Manual, First Edition. 112 pp. Licence: CC BY-NC-SA 3.0 IGO.
- Harrison R.D., C. Thierfelder, F. Baudron, P. Chinwada, C. Midega, U. Scha, & B. J. V. Den. 2019. Agro-ecological options for fall armyworm (*Spodoptera frugiperda* JE Smith) management: Providing low-cost, smallholder friendly solutions to an invasive pest. *Jurnal Environmental Management*, 243: 318-330.
- Herlinda, S., N. Octariati, S. Suwandi, & Hasbi. 2020. Exploring entomopathogenic fungi from South Sumatra (Indonesia) soil and their pathogenicity against a new invasive maize pest, *Spodoptera frugiperda*. *Biodiversitas*, 21 (7): 2955-2965.
- Hruska, A. J. 2019. Fall armyworm (*Spodoptera frugiperda*) management by smallholders. *CABI Reviews*. 43(14): 1-11.
- Hruska, A.J & S.M. Gladstone. 1988. Effect of period and level of infestation of the fall armyworm, *Spodoptera frugiperda*, on irrigated maize yield. *The Florida Entomologist*, 71(3):249-54.
- Kementerian Pertanian. 2019. Pengenalan Fall Armyworm (*Spodoptera frugiperda* J. E. Smith) Hama Baru pada Tanaman Jagung di Indonesia. Balai Penelitian Tanaman Serealia, Jakarta.
- Marenco, R. J., R. E. Foster, & C. A. Sanchez. 1992. Sweet corn response to fall armyworm (Lepidoptera: Noctuidae) damage during vegetative growth. *Journal of Economic Entomology*. 85:1285-1292.



Determinasi Kehilangan Hasil Jagung oleh Serangan Spodoptera frugiperda pada Fase Awal Pertumbuhan

HADVINA NUR H, Prof. Dr. Ir. Y. Andi Trisyono, M.Sc.

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UNIVERSITAS
GADJAH MADA

- Nielsen, R. L. B. 2019. Determining corn leaf stages. Corny News Network. Perdue University.
- Nielsen, R. L. B. 2003. Assessing corn recovery from early-season damage. Corny News Network. Perdue University.
- Paeru, R. H., & T. Q. Dewi. 2017. Panduan Praktis Budidaya Jagung. Penebar Swadaya, Jakarta.
- Ramirez. G. L., M. H. Bravo., & C. C. Landeral. 1987. Development of *Spodoptera frugiperda* (J.E. Smith) (Lepidoptera: Noctuidae) under different conditions of temperature and humidity. *Agrociencia*, 67: 161-171.
- Riwandi, M. Handajaningsih, & Hasanudin. 2014. Teknik Budidaya Jagung dengan Sistem Organik di Lahan Marjinal. UNIB PRESS. Bengkulu.
- Sharanabasappa., C. M. Kalleshwaraswamy., M. S. Maruthi, & H. B. Pavithra. 2018. Biology of invasive fall army worm *Spodoptera frugiperda* (J.E. Smith) (Lepidoptera: noctuidae) on maize. *Indian Journal of Entomology*, 80(3): 540-543.
- Sisay, B., J. Simiyu, E. Mendesil, P. Likhayo, G. Ayalew, S. Mohamed, S. Subramanian, & T. Tefera. 2019. Fall armyworm, *Spodoptera frugiperda* infestation in East Africa: assesment of damage and parasitism. *Insect*, 10(195): 1-10.
- Subiadi., Y. A. Trisyono, & E. Martono. 2014. Aras kerusakan ekonomi (AKE) larva *Ostrinia furnacalis* (Lepidoptera: Crambidae) pada tiga fase pertumbuhan tanaman jagung. *Jurnal Entomologi Indonesia*, 11(1): 19-26.
- Trisyono, Y. A., Suputa, V. E. F. Aryuwandari, M. Hartaman, & Jumari. 2019. Occurrence of heavy infestation by the fall armyworm *Spodoptera frugiperda*, a new alien invasive pest, in corn in Lampung Indonesia. *Jurnal Perlindungan Tanaman Indonesia*, 23: 156-160.
- Walkel, P. T. 1983. Crop losses: the end to quantify the effects of pest, diseases and weeds on agricultural production. *Agriculture, Ecosystems and Environment*, 9: 119-158.
- Wulandari, B. A, & L. M. Jaelani. 2019. Identifikasi fase pertumbuhan tanaman jagung menggunakan Citra SAR Sentinel-1A (Studi kasus: Kecamatan Gerung, Lombok Barat, NTB). *Jurnal Penginderaan Jauh Indonesia*, 1(2): 52-59.
- Yu, S. J. 1987. Microsomal oxidation of allelochemicals in generalist (*Spodoptera frugiperda*) and semispecialist (*Anticarsia gemmatalis*) insect. *Journal of Chemical Ecology*, 13(3): 423-436.