

ΓΕΝΙΚΑ ΘΕΜΑΤΑ

Η καφέ ασιατική βρωμούσα

Μέσα από τα μάτια των πολιτών

Βιβλιογραφία

- [1] Wermelinger, B., D. Wyniger and B. Forster. 2008. First records of an invasive bug in Europe: *Halyomorpha halys* Stål (Heteroptera: Pentatomidae), a new pest on woody ornamentals and fruit trees? Bull. Societ  Entomol. Suisse 81: 1–8.
- [2] Milonas, P.G. and G.K. Partsinevelos. 2014. First report of brown marmorated stink bug *Halyomorpha halys* (Hemiptera: Pentatomidae) in Greece. EPPO Bull. 44: 183–186.
- [3] Andreadis, S.S., E.I. Navrozidis, A. Farmakis and A. Pisalidis. 2018. First evidence of *Halyomorpha halys* (Hemiptera: Pentatomidae) infesting kiwi fruit (*Actinidia chinensis*) in Greece. J. Entomol. Sci. 53: 402–406.
- [4] Koutsogeorgiou, E.I., N.A. Kouloussis, D.S. Koveos and S.S. Andreadis. 2022. Females of *Halyomorpha halys* (Hemiptera: Pentatomidae) experience a facultative reproductive diapause in Northern Greece. Insects 13: 866.

ΚΗΠΕΥΤΙΚΑ

Αντιμετώπιση εντομολογικών εχθρών της τομάτας

Καλές πρακτικές με την αξιοποίηση αυτοφυών φυτών

Βιβλιογραφία

- Araj, S.E., Shields, M.W., Wratten, S.D. 2019. Weed floral resources and commonly used insectary plants to increase the efficacy of a whitefly parasitoid. BioControl, 64, 553–561.
- Ardanuy, A., Figueras, M., Matas, M., Arno, J., Agusti, N., Alomar, O., Albajes, R., Gabarra, R. 2022. Banker plants and landscape composition influence colonization precocity of tomato greenhouses by mirid predators. J. Pest. Sci. 95, 447–459.
- Arn , J., Ovej , M.F., Gabarra, R. 2018. Selection of flowering plants to enhance the biological control of *Tuta absoluta* using parasitoids. Biol. Control, 122, 41–50.

- Balzan, M.V., W ckers, F.L. 2013. Flowers to selectively enhance the fitness of a host-feeding parasitoid: Adult feeding by *Tuta absoluta* and its parasitoid *Necremnus artynes*. Biol. Control, 67, 21–31.
- Cano, M., Vila, E., Janssen, D., Bretons, G., Salvador, E., Lara, L., Tellez, M.M. 2009. Selection of refuges for *Nesidiocoris tenuis* (Het.: Miridae) and *Orius laevigatus* (Het.: Anthocoridae): Virus reservoir risk assessment. Integrated Control in Protected Crops, Mediterranean Climate. IOBC/wprs Bull., 49, 281–286.
- Dervisoglou, S., Perdakis, D.C., Papanikolaou, N.E., Fantinou, A. 2022. Is the control efficacy of two interacting predator species affected by the distribution and density of *Tuta absoluta* eggs on tomato plants?. J. Pest. Sci. 95, 1–13. DOI: 10.1007/s10340-022-01556-7.
- Koller, J., Norgrove, L., Dekumbis, V., Maret, D., Sutter, L. 2024. Pest trap and natural enemy nursery merged in *Lobularia maritima*?. Arthropod-Plant Interact., 18, 1275–1287. DOI: 10.1007/s11829-024-10092-3.
- Konan, K.A.J., Monticelli, L.S., Ouali-N’goran, S.W.M., Ramirez-Romero, R., Martin, T., Desneux, N. 2021. Combination of generalist predators, *Nesidiocoris tenuis* and *Macrolophus pygmaeus*, with a companion plant, *Sesamum indicum*: What benefit for biological control of *Tuta absoluta*?. PLOS ONE 16(9), e0257925. <https://doi.org/10.1371/journal.pone.0257925>
- Lambion, J., Ingegno, B.L., Tavella, L., Alomar, O., Perdakis, D. 2016. Companion plants for predatory bugs. BioGreenHouse COST Action FA1105, no. 4, 2 pages. DOI: <http://dx.doi.org/10.18174/373595>.
- Perdakis, D., Lykouressis, D. 2002. Life table and biological characteristics of *Macrolophus pygmaeus* when feeding on *Myzus persicae* and *Trialeurodes vaporariorum*. Entom. Exp. Appl., 102, 261–272.
- Perdakis, D., Fantinou, A., Lykouressis, D. 2011. Enhancing pest control in annual crops by conservation of predatory Heteroptera. Biol. Control, 59(1), 13–21.
- Perdakis, D.Ch., Arvaniti, K.A., Paraskevopoulos, A., Grigoriou, A. 2015. Pre-plant release enhanced the earlier establishment of *Nesidiocoris tenuis* in open field tomato. Entomol. Hell., 24, 11–21.
- Perrin, B., Goude, M., Salvador, B., Lef vre, A., 2019. Implementing and assessing the efficacy of *Calendula officinalis* L. (marigold) as banker plant for *Macrolophus pygmaeus* (Rambur) in protected vegetable production. IOBC/WPRS Bull., 147, 69–77.
- Sanchez, J.A., L pez-Gallego E., P rez-Marcos M., Perera-Fern ndez L.G., Ramvrez-Soria, M.J. 2018. How safe is it to rely on *Macrolophus pygmaeus* (Hemiptera: Miridae) as a biocontrol agent in tomato crops? Front. Ecol. Evol., 6, 132.
- Scarlato, M., Bao, L., Rossing, W.A.H., Dogliotti, S., Bertoni, P., Bianchi, F.J.J.A. 2023. Flowering plants in open tomato greenhouses enhance pest suppression in conventional systems and reveal resource saturation for natural enemies in organic systems. Agric. Ecosyst. Environ., 347, 108389.
- Urbaneja A., Gonz lez-Cabrera J., Arno J., Gabarra R. 2012. Prospects for the biological control of *Tuta absoluta* in tomatoes of the Mediterranean basin. Pest. Manag. Sci., 68, 1215–1222.
- Urbaneja, A., Mont n, H., Moll , O. 2009. Suitability of the tomato borer *Tuta absoluta* as prey for *Macrolophus pygmaeus* and *Nesidiocoris tenuis*. J. Appl. Entomol., 133, 292–296.
- Περδ κης Δ., Παρασκευ πουλος Α., 2019. Αξιοποίηση φυσικών εχθρών για  λεγχο του καταστρεπτικού εντόμου-εχθρού της τομάτας *Tuta absoluta* στο θερμοκήπιο. Γεωργία-Κτηνοτροφία, 12, 56–57.

ΚΤΗΝΟΤΡΟΦΙΑ

Καθετοποιημένη πολυτροφική υδατοκαλλιέργεια

Integrated Multi Trophic Aquaculture – IMTA,  ναι το μέλλον για τον ιχθυοκαλλιεργητή;

Βιβλιογραφία

- 1. Hughes, A.D., Black, K.D. (2016), - Going beyond the search for solutions: understanding trade-offs in European integrated multi-trophic aquaculture development. Inter research Aquaculture Environment Interaction. 8:191-199 (2016) - doi:10.3354/aei00174.
- 2. Hughes, A.D. (2016) - Integrated Multi-Trophic Aquaculture in Europe: Will it work for us? Aquaculture

- Europe Vol. 41 March 2016.
- 3. Alexander K.A., Freeman S., Potts T. (2016) – Navigating Uncertain Waters: European Public Perceptions of Integrated Multi-Trophic Aquaculture. *Environmental Science and Policy Journal* vol.61, July 2016, Elsevier Publishing.
 - 4. Cubillo A.M., J.G. Ferreira, S.M.C. Robinson, C.M. Pearce, R.A. Corner and J. Johansen (2016). Role of deposit feeders in integrated multi-trophic aquaculture – A Model analysis. *Aquaculture* 453: 54-66.
 - 5. Hughes, A.D. (2015) – Turning dream into reality. *Fish Farmer Magazine*, November 2015.
 - 6. Alexander K.A., Potts T, Freeman S. (2015) – The implications of aquaculture policy and regulation for the development of integrated multi-trophic aquaculture in Europe. *Aquaculture* Vol 443, June 2015. Elsevier.
 - 7. Corner R.A., Steuben M., Hughes A.D. (2014) -Green aquaculture as part of the blue revolution. *Fish Farmer Magazine*, Vol. 37 Issue 2 March 2014
 - 8. Ferreira, J.G., Hawkins, A.J.S. and Bricker, S.B., (2007). Management of productivity, environmental effects and profitability of shellfish aquaculture – the Farm Aquaculture Resource Management (FARM) model. *Aquaculture*, 264: 160 – 174.
 - 9. Ferreira, J.G., C. Saurel, J.M. Ferreira, 2012. Cultivation of gilthead bream in monoculture and integrated multi-trophic aquaculture. Analysis of production and environmental effects by means of the FARM model. *Aquaculture* 358–359 (2012) 23–34. ■