

Η Ψύλλα της αχλαδιάς (*Cacopsylla pyri*) και η καταπολέμησή της

Αριστείδης Χλωρίδης

Τεχνικός διευθυντής AgroCure, Σίνδος ΟΤ53Β, Θεσσαλονίκη 57022, Email: arischloridis@outlook.com

Στέφανος Ανδρεάδης

ΕΛΓΟ-ΔΗΜΗΤΡΑ, Ινστιτούτο Γενετικής Βελτίωσης και Φυτογενετικών Πόρων, 57001 Θέρμη, Email: stefandr@ipgrb.gr

Ελένη Κουτσογεωργίου

ΕΛΓΟ-ΔΗΜΗΤΡΑ, Ινστιτούτο Γενετικής Βελτίωσης και Φυτογενετικών Πόρων, 57001 Θέρμη, Email: ekoutsogeorgiou@gmail.com

ΒΙΒΛΙΟΓΡΑΦΙΑ

1. Broumas T., C. Souliotis, H. Stavrakí, D. Sdoukopoulos (1989). Biological observations of *Cacopsylla pyri* L., on pear trees in the area of Larissa. In: Proceedings of 2nd Panhellenic Congress of Entomology, Athens 1987, pp. 67-77
2. Civolani, S (2012). The past and present of pear protection against the pear psylla, *Cacopsylla pyri* L. In: Perveen F (ed) Insecticides - pest engineering, InTechOpen, pp. 385-408
3. Horton, D.R. (1999). Monitoring of pear psylla for pest management decisions and research. *Integrated Pest Management Reviews*. 4: 1–20
4. Horton, D.R. (2008). Pear Psylla, *Cacopsylla pyricola* (Foerster) (Hemiptera: Psyllidae). In: Capinera J.L (ed) *Encyclopedia of Entomology* (2nd ed.), Springer, pp 2772-2775
5. Garcia-Chapa M., J. Sabaté, A. Laviña and A. Batlle (2005). Role of *Cacopsylla pyri* in the epidemiology of pear decline in Spain. *European Journal of Plant Pathology*. 111: 9-17
6. Karpatos, E.T. and E.T. Stratopoulou (1996). Demographic study of the reproductive potential of pear psylla, *Cacopsylla pyri* *Entomologia experimentalis et applicata*. 80(3): 497-502
7. Le Goff, G.J., O. Lebbe, G. Lohaus, A. Richels, N. Jacquet, V. Byttebier and T. Hance (2018). What are the nutritional needs of the pear psylla *Cacopsylla pyri*? *Arthropod-Plant Interactions*. 13: 431-439
8. Seemüller, E. and B. Schneider (2004). 'Candidatus *Phytoplasma mali*', 'Candidatus *Phytoplasma pyri*' and 'Candidatus *Phytoplasma prunorum*', the causal agents of apple proliferation, pear decline and European stone fruit yellows, respectively. *International Journal of Systematic and Evolutionary Microbiology*. 54: 1217-1226
9. Souliotis C. and T. Moschos (2008). Effectiveness of some pesticides against *Cacopsylla pyri* and impact on its predator *Anthocoris nemoralis* in pear-orchards. *Bulletin of Insectology*. 61 (1): 25-30
11. Ναβροζίδης, Ε.Ι. και Σ.Σ. Ανδρεάδης (2012). Ειδική Γεωργική Εντομολογία. CopyCity Publish, 538 σελ.
12. Τζανακάκης, Μ.Ε. και Β.Ι. Κατσόγιαννος (1998). Έντομα οπωροφόρων δέντρων και αμπέλου, Αγροτύπος ΑΕ, 359 σελ.
13. Υπουργείο Αγροτικής Ανάπτυξης και Τροφίμων (2020). Δ/ση Προστασίας Φυτικής Παραγωγής. Κατάλογοι Φυτοπροστατευτικών Προϊόντων & Βιοκτόνων, Κατά Καλλιέργεια και Έντομο (εχθρό). <http://www.minagric.gr/syspest/>

Η ασθένεια του ικτέρου των κολοκυνθοειδών στην Ελλάδα

Χρυσούλα Ορφανίδου, Νικόλαος Ι. Κατής, Βαρβάρα Ι. Μαλιόγκα

Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης,

Τμήμα Γεωπονίας, Εργαστήριο Φυτοπαθολογίας, 54 124 Θεσσαλονίκη

Αντώνης Παρασκευόπουλος

Διεύθυνση Αγροτικής Οικονομίας & Κτηνιατρικής Τριφυλίας,

Κυπαρισσία

ΒΙΒΛΙΟΓΡΑΦΙΑ

Επιλεγμένη Βιβλιογραφία

A. Ελληνική

1. Ορφανίδου, Χ., Αναστασάκης, Ν., Μαλιόγκα, Β.Ι., Κατής, Ν.Ι. «Ιός του κλωρωτικού ίκτερου των κολοκυνθοειδών (CCYV): Ένα νέο πιθανώς σοβαρό ιολογικό πρόβλημα των κολοκυνθοειδών στη χώρα μας». Γεωργία-Κτηνοτροφία, τεύχος 1/2014.

B. Ξενογλώσσον

2. Boubourakas, I.N., Avgelis, A.D., Kyriakopoulou, P.E., Katis, N.I., 2006. Occurrence of yellowing viruses (Beet pseudoyellows virus, Cucurbit yellow stunting disorder virus and Cucurbit aphid-borne yellows virus) affecting cucurbits in Greece. *Plant Pathology* 55: 276-283.
3. Lecoq, H., Gilbert-Albertini, F., Wipf-Scheibel, C., Pitrat, M., Bourdin, D., Belkhala, H., Katis, N., Yilmaz, M., 1994. Occurrence of a new yellowing disease of cucurbits in the mediterranean basin caused by a luteovirus, Cucurbit aphid-borne yellows virus and prospects for control. 9th Congress of the Mediterranean Phytopathological Union, Kusadasi-Aydin, Turkey, pp. 461-463.
4. Maliogka, V. I., Wintermantel, W.M., Orfanidou, C.G. and Katis, N.I. 2019. Criniviruses infecting vegetable crops. Chapter 12 in: *Applied Plant Biotechnology for Improving Resistance to Biotic Stress*. Edited by Palmiro Poltronieri and Yiguo Hong. Published by Elsevier Inc. All rights reserved. pp. 251-289.
5. Orfanidou, C.G., Dimitriou, C., Papayiannis, L.C., Maliogka, V.I., Katis, N.I., 2014b. Epidemiology and genetic diversity of criniviruses associated with Tomato yellows disease in Greece. *Virus Research* 186: 120-129.
6. Orfanidou, C.G., Maliogka, V.I., Katis, N.I., 2014b. First report of Cucurbit chlorotic yellows virus in cucumber, melon, and watermelon in Greece. *Plant Disease* 98: 1446.
7. Orfanidou, C.G., Baltzi, A., Dimou, N.A., Katis, N.I., Maliogka, V.I., 2017a. Cucurbit chlorotic yellows virus: insights into its natural host range, genetic variability, and transmission parameters. *Plant Disease* 101: 2053-2058.
8. Orfanidou, C.G., Maliogka, V.I., Katis, N.I., Kontosfyris, G., Smith, T., Caglayan, K., 2017b. First report of Cucurbit chlorotic yellows virus in cucumber in Turkey. *Journal of Plant Pathology* 99: 533.
9. Orfanidou, C.G., Papayiannis, L.C., Pappi, P.G., Katis, N.I., Maliogka, V.I., 2019. Criniviruses associated with cucurbit yellows disease in Greece and Cyprus: an ever-changing scene. *Plant Pathology* 68: 764-774.
10. Roditakis, E., Grispou, M., Morou, E., Kristoffersen, J.B., Roditakis, N., Nauen, R., Vontas, J., Tsagkarakou, A., 2009. Current status of insecticide resistance in Q biotype *Bemisia tabaci* populations from Crete. *Pest Management Science* 65: 313-322.
11. Tsagkarakou, A., Tsigenopoulos, C.S., Gorman, K., Lagnel, J., Bedford, I.D., 2007. Biotype status and genetic polymorphism of the whitefly *Bemisia tabaci* (Hemiptera: Aleyrodidae) in Greece: mitochondrial DNA and microsatellites. *Bulletin of Entomological Research* 97: 29-40.
12. Wintermantel, W.M. Gilbertson, R.L., Eric T. Natwick, E.T. and McCreight, J.D. 2017. Emergence and epidemiology of Cucurbit yellow stunting disorder virus in the American Desert Southwest, and development of host plant resistance in melon. *Virus Research* 241: 213-219.

Πρόσφατα δεδομένα από την εφαρμογή της ηλαιοαπολύμανσης στην Ελλάδα

Ελευθέριος Κ. Τζάμος

Φυτοπαθολόγος-Φυτίατρος, Ομότιμος Καθηγητής Φυτοπαθολογίας
Γεωπονικού Πανεπιστημίου Αθηνών

ΒΙΒΛΙΟΓΡΑΦΙΑ

1. Antoniou P.P., Gizi, D. Tjamos S.E., and E.C. Tjamos 2020
2. Recent achievements in application of soil solarization against soil-borne pathogens in outdoor and covered organic or IPM vegetable crops in Greece Acta Horticulture
3. Antoniou, P.P., Tjamos E.C., and Giannakou, J.O., 2014
4. Low-Cost and Effective Approaches of Soil Disinfestation of Plastic House or Open Field Crops in Greece 29-41 Acta Hort. 1044, ISHS 2014
5. Antoniou, P.P., Tjamos, E.C. and Panagopoulos, C.G., 1995. Soil solarization for control of *Clavibacter michiganensis* subsp. *michiganensis* in tomatoes. *Plant Pathol.* 44, pp. 438–447.
6. Antoniou, P.P., Tjamos S.E. and Tjamos E. C. 2009. Mechanical or manual applications of soil solarization for the control of soilborne pathogens in plastic house or in field crops in Greece. Proceedings of the 7th International Symposium on Chemical and non-Chemical Soil and Substrate Disinfestation, Leuven, Belgium, Abstract p. 30.
7. Tjamos, E. C., Antoniou P.P., Tjamos, S. E., 2000. Implementation of soil solarization in Greece: conclusions and suggestions. *Crop Protection* 19: 843-846.
8. Tjamos, E.C., Antoniou, P.P., Tjamos, S.E., Paplomatas, E.J. and Tsitsigiannis, D.J. 2012. Soil Solarization in Greece. p.223-229. In: A. Gamliel and J. Katan (eds.), *Soil Solarization: Theory and Practice*, APS Press.
9. Tjamos, E.C., 1991. Soil solarization in Greece. In: Katan, J., DeVay, J. (Eds.), *Soil Solarization* pp. 205–214.
10. Tjamos, E.C., Karapapa, V. and Bardas, D., 1989. Low cost application of soil solarization in covered plastic houses for the control of *Verticillium* wilt of tomatoes in Greece. *Acta Horticulturae* 255, pp. 139–150.
11. Tjamos, E.C. and Paplomatas, E.J., 1988. Long-term effect of soil solarization in controlling *Verticillium* wilt of globe artichokes in Greece. *Plant Pathology* 37, pp. 507–515.