

- Parliament and of the Council of 21 October 2009 amending Directive 2006/42/EC with regard to machinery for pesticide application. In: Official Journal, L 310, 25/11/2009, pp 29-33.
- European Union. 2009b. Directive 2009/128/EC of the European Parliament and of the Council of 21 October 2009 establishing a framework for Community action to achieve the sustainable use of pesticides. In: Official Journal, L 309, 24/11/2009, pp 71-86.
- Failla S., Manetto G., Restuccia A. 2012. Organic plant protection treatments in greenhouse and open field by an electrical prototype. pp 491-9 in Proc. Int. Conf. Ragusa SHWA 2012, "Safety health and welfare in agriculture and in agro-food systems", Ragusa, Italy.
- Gan-Mor S., Matthews G.A. 2003. Recent developments in sprayers for application of biopesticides - an overview. *Biosyst. Eng.* 84:119-25.
- Gardner J., Giles K. 1996. Handling and environmental effects on viability of mechanically dispensed green lacewing eggs. *Biol. Control* 7:245-50.
- Gardner J., Giles K. 1997. Mechanical distribution of *Chrysoperla rufilabris* and *Trichogramma pretiosum*: survival and uniformity of discharge after spray dispersal in an aqueous suspension. *Biol. Control* 8:138-42.
- Giles D.K., Gardner J., Studer H.E. 1995. Mechanical release of predacious mites for biological pest control in strawberries. *T. ASAE* 38:1289-96.
- Il Punto Coldiretti. 2014. Arriva il drone contro la piralide del mais. Available from: <http://www.ilpuncocoldiretti.it/attualita/Pagine/ArrivaIdronecontrolapiralidedelmais.aspx> Accessed: April 2017.
- INEA. 2002. L'agricoltura italiana conta. Istituto Nazionale di Economia Agraria, Roma, Italy, pp 112-4.
- INEA. 2006. L'agricoltura italiana conta. Istituto Nazionale di Economia Agraria, Roma, Italy, pp 64-8.
- INEA. 2012. L'agricoltura italiana conta. Istituto Nazionale di Economia Agraria, Roma, Italy, pp 121-4.
- ISTAT. 2000, 2005, 2010, 2015. Available from: http://agri.istat.it/sag_is_pdwout/jsp/Introduzione.jsp?id=15A Accessed: April 2016.
- Lamichhane J.R. 2017. Pesticide use and risk reduction in European farming systems with IPM. An introduction to the special issue. *Crop Prot.* 97:1-10.
- Lanzoni A., Burgio G., Maini S. 2007. Prove di lancio meccanico di *Phytoseiulus persimilis* e *Orius laevigatus* in colture protette. Proc. Conf. "Strategie di difesa biologica", Ortomac, Cesena (FC), Italy, pp 29-38.
- Lanzoni A., Martelli R., Pezzi F. 2017. Mechanical release of *Phytoseiulus persimilis* and *Amblyseius swirskii* on protected crops. *B. Insectol.* 70:245-50.
- Maini S., Burgio G. 2000. I trichogramma. In: G. Nicoli, P. Radeghieri, Gli ausiliari nell'agricoltura sostenibile. Calderini Edagricole, Bologna, Italy, pp 135-43.
- Maini S., Gattavecchia C., Libè A. 1988. Impiego di velivolo ultraleggero per lanci di *Trichogramma maidis* Pint. e Voeg. contro *Ostrinia nubilalis* (Hb.). Proc. Giornate Fitopatologiche, 2:203-12.
- Mul M.F., Ploegaert J.P.M., George D.R., Meerburg B.G., Dicke M., Koerkamp P.W.G.G. 2016. Structured design of an automated monitoring tool for pest species. *Biosyst. Eng.* 151:126-40.
- National Rural Network 2007-2013. 2012. BIOREPORT 2012, Organic farming in Italy. Available from: <https://www.reterurale.it/flex/cm/pages/ServeBLOB.php/L/EN/IDPagina/10616> Accessed: March 2016.
- Opit G.P., Nechols J.R., Margolies D.C., Williams K.A. 2005. Survival, horizontal distribution, and economics of releasing predatory mites (Acari: Phytoseiidae) using mechanical blowers. *Biol. Control* 33:344-51.
- Pezzi F., Baraldi G., Martelli R., Caprara C. 2007. Meccanizzazione per la difesa biologica. *Mondo Macchina* 16:26-30.
- Pezzi F., Martelli R., Lanzoni A., Maini S. 2015. Effects of mechanical distribution on survival and reproduction of *Phytoseiulus persimilis* and *Amblyseius swirskii*. *Biosyst. Eng.* 129:11-9.
- Pezzi F., Rondelli V., Baraldi G. 2002. Mechanical distribution of Phytoseiids in greenhouse crops. *Riv. Ing. Agr.* 33:33-9.
- Pickett C.H., Gilstrap J.E., Morrison R.K., Bouse L.F. 1987. Release of predatory mites (Acari: Phytoseiidae) by aircraft for the biological control of spider mites (Acari: Tetranychidae) infesting corn. *J. Econ. Entomol.* 80:906-10.
- Rangel R.N., das Cruzes M. 2016. Development of an UAVS distribution tools for pest's biological control "Bug Bombs!". IEEE Aerospace Conference, Montana, USA, pp 1-8.
- Ree Rurale Nazionale 2007-2013. 2015. Bioreport 2014-2015. L'agricoltura biologica in Italia. Roma. Available from: <https://www.reterurale.it/flex/cm/pages/ServeBLOB.php/L/IT/IDPagina/15590> Accessed: May 2016.
- SINAB. 2000. Bio in cifre 2000. Sistema d'Informazione Nazionale sull'Agricoltura Biologica, Roma, Italy.
- SINAB. 2005. Bio in cifre 2005. Sistema d'Informazione Nazionale sull'Agricoltura Biologica, Roma, Italy.
- SINAB. 2010. Bio in cifre 2010. Sistema d'Informazione Nazionale sull'Agricoltura Biologica, Roma, Italy.
- SINAB. 2015. Bio in cifre 2015. Sistema d'Informazione Nazionale sull'Agricoltura Biologica, Roma, Italy.
- Tropea Garzia G., Failla S., Manetto G., Siscaro G., Zappalà L. 2012. Mechanical release of *Phytoseiulus persimilis* and *Orius laevigatus* on protected crops. *IOBC-WPRS Bull.* 80:253-9.
- Wright M.G. 2014. Biological control of invasive insect pests. In: D.P. Abrol (Ed.), *Integrated pest management - current concepts and ecological perspective*. Elsevier Science Publishing Co. Inc., Amsterdam, The Netherlands, pp 267-81.
- Wunderlich L.R., Giles D.K. 1999. Field assessment of adhesion and hatch of *Chrysoperla* eggs mechanically applied in liquid carriers. *Biol. Control* 14:159-67.
- Zappalà L., Manetto G., Tropea Garzia G., Emma G., Failla S. 2012. Mechanical distribution of *Phytoseiulus persimilis* on chrysanthemum. *Acta Hort.* 952:793-800.