

## INDEX OF VOLUME 53 (2017)

AULICKY R., KOLAR V., PLACHY J., STEJSKAL V.: Field efficacy of brief exposure of adults of six storage pests to nitrogen-controlled atmospheres .....	169
BEREŠ P.K., KUCHARCZYK H., GÓRSKI D.: Effects of insecticides used against the European corn borer on thrips abundance on maize .....	44
BOUKERMA L., BENCHABANE M., CHARIF A., KHÉLIFI L.: Activity of plant growth promoting rhizobacteria (PGPRs) in the biocontrol of tomato Fusarium wilt .....	78
CRUZ-MARTÍNEZ H., RUIZ-VEGA J., MATADAMAS-ORTÍZ P.T., CORTÉS-MARTÍNEZ C.I., ROSAS-DIAZ J.: Formulation of entomopathogenic nematodes for crop pest control – a review .....	15
DINOLFO M.I., CASTAÑARES E., STENGLEIN S.A.: <i>Fusarium</i> –plant interaction: state of the art – a review .....	61
GERHARDS R., BEZHIN K., SANTEL H.-J.: Sugar beet yield loss predicted by relative weed cover, weed biomass and weed density .....	118
HAJIHASSANI A., TENUTA M., GULDEN R.H.: Monoxenic rearing of <i>Ditylenchus weischeri</i> and <i>D. dipsaci</i> and microplot examination of the host suitability of yellow pea to <i>D. weischeri</i> .....	254
HAŁAJ R., OSIADACZ B.: Woolly ash aphid – is the alien bug posing a threat to European ash trees? – a review .....	127
HEMALA V., KMENT P.: First record of <i>Halyomorpha halys</i> and mass occurrence of <i>Nezara viridula</i> in Slovakia .....	247
HLAVJENKA V., SEIDENGLANZ M., DUFEK A., ŠEFROVÁ H.: Spatial distribution of cabbage root maggot ( <i>Delia radicum</i> ) and clubroot ( <i>Plasmodiophora brassicae</i> ) in winter oilseed rape crops in the Czech Republic .....	159
HONG J.-S., JEONG M.-A., JEONG R.-D.: Inhibitory effect of gamma irradiation against <i>Cucumber green mottle mosaic virus</i> .....	201
JANSSEN D., SIMON A., CRESPO O., RUIZ L.: Genetic population structure of <i>Bemisia tabaci</i> in Spain associated with <i>Tomato leaf curl New Delhi virus</i> – short communication .....	25
JURSÍK M., FENDRYCHOVÁ V., KOLÁŘOVÁ M., ANDR J., SOUKUP J.: Optimising Clearfield and ExpressSun sunflower technologies for Central European conditions .....	265
KABÍČEK J.: Phytoseiid mites on <i>Quercus cerris</i> in an urban park – short communication .....	181
KUNZ C., STURM D.J., SÖKEFELD M., GERHARDS R.: Weed suppression and early sugar beet development under different cover crop mulches .....	187
LI Y., CHENG C., AN D.: Characterisation of endophytic bacteria from a desert plant <i>Lepidium perfoliatum</i> L. ....	32
LIU J., YAN Y., YU M., PARAJULEE <sup>†</sup> M.N., SHI P., LIU J., ZHAO Z.: Using the LOESS method to describe the effect of temperature on development rate .....	226
LIU S.-F., WANG G.-J., NONG X.-Q., LIU B., WANG M.-M., LI S.-L., CAO G.-C., ZHANG Z.-H.: Entomopathogen <i>Metarhizium anisopliae</i> promotes the early development of peanut root .....	101
MANSOUR R., GRISSA-LEBDI K., SUMA P., MAZZEO G., RUSSO A.: Key scale insects (Hemiptera: Coccoidea) of high economic importance in a Mediterranean area: host plants, bio-ecological characteristics, natural enemies and pest management strategies – a review .....	1

MASAROVIČ R., ŠTEFÁNIK M., ZVARÍKOVÁ M., SIGMUND J., FEDOR P.: First record of a new alien economically important thrips <i>Dichromothrips corbetti</i> (Priesner, 1936) (Thysanoptera: Thripidae) in Slovakia – short communication .....	177
MOHAMMADI P., TOZLU E., KOTAN R., KOTAN ŞENOL M.: Potential of some bacteria for biological control of postharvest citrus green mould caused by <i>Penicillium digitatum</i> .....	134
MOLISZEWSKA E.B.: Differentiation of the disease caused by <i>Aphanomyces cochlioides</i> and girth scab on sugar beet roots – a review .....	71
PÁSTOR M., JUHÁSOVÁ G., JUHÁS D., BAKAY L., KOLLÁR J., BENČAĽ T.: Occurrence of oriental chestnut gall wasp <i>Dryocosmus kuriphilus</i> in Slovakia – short communication .....	243
PETRŽELOVÁ I., JEMELKOVÁ M., DOLEŽALOVÁ I., ONDŘEJ V., KITNER M.: Identification of a rust disease of giant knapweed in the Czech Republic – short communication .....	153
POOJA S., BABU S.: Responses of rice to <i>Rhizoctonia solani</i> and its toxic metabolite in relation to expression of <i>Osmyb4</i> transcription factor .....	208
PRABHAKARAN P., RADHAKRISHNAN B., SRIKUMAR K.K., SURESH KUMAR B.: Efficacy of certain common ferns against red spider mite <i>Oligonychus coffeae</i> and tea mosquito bug <i>Helopeltis theivora</i> infesting tea .....	232
RAMÍREZ-RAMÍREZ M.J., MANCILLA-MARGALLI N.A., MEZA-ÁLVAREZ L., TURINCIO-TADEO R., GUZMÁN-DE PENA D., AVILA-MIRANDA M.E.: Epidemiology of Fusarium agave wilt in <i>Agave tequilana</i> Weber var. azul .....	144
SEIDENGLANZ M., POSLUŠNÁ J., KOLAŘÍK P., ROTREKL J., HRUDOVÁ E., TÓTH P., HAVEL J., PLACHKÁ E., TÁNCIK J., HUDEC K.: Negative correlations between the susceptibilities of Czech and Slovak pollen beetle populations to lambda-cyhalothrin and chlorpyrifos-ethyl in 2014 and 2015 .....	106
ŠPAK J., PŘIBYLOVÁ J., ŠAFÁŘOVÁ D., LENZ O., KOLONIUK I., NAVRÁTIL M., FRÁNOVÁ J., ŠPAKOVÁ V., PAPERŠTEIN F.: <i>Cherry necrotic rusty mottle</i> and <i>Cherry green ring mottle</i> viruses in Czech cherry germplasm .....	195
SPITZER T., BÍLOVSKÝ J.: Management of poppy ( <i>Papaver somniferum</i> L.) stand height using growth regulators .....	55
TANCIK J.: Natural parasitism of the second generation European corn borer eggs <i>Ostrinia nubilalis</i> (Hübner) (Lepidoptera, Pyralidae) by <i>Trichogramma</i> spp. in sweet corn fields in Vojvodina, Serbia – short communication .....	50
TANCIK J., SELJAK G.: Occurrence of <i>Scaphoideus titanus</i> Ball and some other Auchenorrhyncha in the vineyards of western Slovakia .....	96
THONGKAMNGAM T., JAENAKSORN T.: <i>Fusarium oxysporum</i> (F221-B) as biocontrol agent against plant pathogenic fungi <i>in vitro</i> and in hydroponics .....	85
TÜRKÖLMEZ S., DERVIŞ S.: Activity of metalaxyl-M+mancozeb, fosetyl-Al, and phosphorous acid against <i>Phytophthora</i> crown and root rot of apricot and cherry caused by <i>Phytophthora palmivora</i> ...	216
List of Reviewers 2016 .....	I

## AUTHORS INDEX

- AN D. ... 32  
ANDR J. ... 265  
AULICKY R. ... 169  
AVILA-MIRANDA M.E. ... 144
- BABU S. ... 208  
BAKAY L. ... 243  
BENČAŤ T. ... 243  
BENCHABANE M. ... 78  
BEREŠ P.K. ... 44  
BEZHIN K. ... 118  
BÍLOVSKÝ J. ... 55  
BOUKERMA L. ... 78
- CAO G.-C. ... 101  
CASTAÑARES E. ... 61  
CHARIF A. ... 78  
CHENG C. ... 32  
CORTÉS-MARTÍNEZ C.I. ... 15  
CRESPO O. ... 25  
CRUZ-MARTÍNEZ H. ... 15
- DERVIŞ S. ... 216  
DINOLFO M.I. ... 61  
DOLEŽALOVÁ I. ... 153  
DUFEK A. ... 159
- FEDOR P. ... 177  
FENDRYCHOVÁ V. ... 265  
FRÁNOVÁ J. ... 195
- GERHARDS R. ... 118,?187  
GÓRSKI D. ... 44  
GRISSA-LEBDI K. ... 1  
GULDEN R.H. ... 254  
GUZMÁN-DE PENNA D. ... 144
- HAJIHASSANI A. ... 254  
HAŁAJ R. ... 127  
HAVEL J. ... 108  
HEMALA V. ... 247  
HLAVJENKA V. ... 159  
HONG J.-S. ... 201  
HRUDOVÁ E. ... 108  
HUDEC K. ... 108
- JAENAKSORN T. ... 85  
JANSSEN D. ... 25  
JEMELKOVÁ M. ... 153  
JEONG M.-A. ... 201  
JEONG R.-D. ... 201  
JUHÁS D. ... 243
- JUHÁSOVÁ G. ... 243  
JURSÍK M. ... 265
- KABÍČEK J. ... 181  
KHÉLIFI L. ... 78  
KITNER M. ... 153  
KMENT P. ... 247  
KOLAR V. ... 169  
KOLAŘÍK P. ... 108  
KOLÁŘOVÁ M. ... 265  
KOLLÁR J. ... 243  
KOLONIUK I. ... 195  
KOTAN R. ... 134  
KOTAN ŞEENOL M. ... 134  
KUCHARCZYK H. ... 44  
KUNZ C. ... 187
- LENZ O. ... 195  
LI S.-L. ... 101  
LI Y. ... 32  
LIU B. ... 101  
LIU J. ... 226  
LIU S.-F. ... 101
- MANCILLA-MARGALLI N.A. ... 144  
MANSOUR R. ... 1  
MASAROVÍČ R. ... 177  
MATADAMAS-ORTÍZ P.T. ... 15  
MAZZEO G. ... 1  
MEZA-ÁLVAREZ L. ... 144  
MOHAMMADI P. ... 134  
MOLISZEWSKA E.B. ... 71
- NAVRÁTIL M. ... 195  
NONG X.-Q. ... 101
- ONDŘEJ V. ... 153  
OSIADACZ B. ... 127
- PAPRŠTEIN F. ... 195  
PARAJULEE M.N. ... 226  
PÁSTOR M. ... 243  
PETRŽELOVÁ I. ... 153  
PLACHKÁ E. ... 108  
PLACHY J. ... 169  
POOJA S. ... 208  
POSLUŠNÁ J. ... 108  
PRABHAKARAN P. ... 232  
PŘIBYLOVÁ J. ... 195
- RADHAKRISHNAN B. ... 232  
RAMÍREZ-RAMÍREZ M.J. ... 144

ROSAS-DIAZ J. ... 15	STENGLEIN S.A. ... 61
ROTREKL J. ... 108	STURM D.J. ... 187
RUIZ L. ... 25	SUMA P. ... 1
RUIZ-VEGA J. ... 15	SURESH KUMAR B. ... 232
RUSSO A. ... 1	
	TANCIK J. ... 50, 96, 108
ŠAFÁŘOVÁ D. ... 195	TENUTA M. ... 254
SANTEL H.-J. ... 118	THONGKAMNGAM T. ... 85
ŠEFROVÁ H. ... 159	TÓTH P. ... 108
SEIDENGLANZ M. ... 108, 159	TOZLU E. ... 134
SELJAK G. ... 96	TURINCIO-TADEO R. ... 144
SHI P. ... 226	TÜRKÖLMEZ S. ... 216
SIGMUND J. ... 177	
SIMON A. ... 25	WANG G.-J. ... 101
SÖKEFELD M. ... 187	WANG M.-M. ... 101
SOUKUP J. ... 265	
ŠPAK J. ... 195	YAN Y. ... 226
ŠPAKOVÁ V. ... 195	YU M. ... 226
SPITZER T. ... 55	
SRIKUMAR K.K. ... 232	ZHANG Z.-H. ... 101
ŠTEFÁNIK M. ... 177	ZHAO Z. ... 226
STEJSKAL V. ... 169	ZVARÍKOVÁ M. ... 177

## AUTHORS INSTITUTIONS INDEX

### **Algeria**

ENSA (ES1603), El Harrach .....	78
Saad Dahleb University, Blida .....	78

### **Argentina**

National Scientific and Technical Research Council (CONICET), Caba .....	61
National University of the Center of the Buenos Aires Province, Azul, Buenos Aires .....	61

### **Canada**

University of Manitoba, Winnipeg .....	254
----------------------------------------	-----

### **Czech Republic**

Agriculture Research Ltd., Troubsko .....	108
Agriresearch Rapotín, Ltd., Víkřovice .....	159
Agritec Plant Research Ltd., Šumperk .....	108,159
Agrotest fyto, Ltd., Kroměříž .....	55
Centre of the Region Haná for Biotechnological and Agricultural Research, Crop Research Institute, Olomouc .....	153
Crop Research Institute, Prague .....	169
Czech University of Life Sciences in Prague, Prague .....	181, 265
DDD servis s.r.o. Praha, Prague .....	177
Institute of Plant Molecular Biology, Biology Centre v.v.i., Czech Academy of Sciences, České Budějovice .....	195
Masaryk University, Brno .....	247
National Museum, Prague .....	247
Mendel University in Brno, Brno .....	108, 159
OSEVA Development and Research Ltd., Workplace at Opava, Opava .....	108
Palacky University in Olomouc, Olomouc .....	153, 195
Podravka-Lagris, Dolní Lhota u Luhačovic .....	169
Research and Breeding Institute of Pomology Ltd., Hořice .....	195

### **Germany**

University of Hohenheim, Stuttgart .....	118, 187
------------------------------------------	----------

### **India**

VIT University, Vellore .....	208
Tea Research Institute, Nirar Dam BPO, Valparai, Tamil Nadu .....	232

### **Italy**

Università degli Studi di Catania, Catania .....	1
--------------------------------------------------	---

### **Mexico**

CIIDIR-Oaxaca, Noche Buena, Santa Cruz Xoxocotlán, Oaxaca .....	15
CINVESTAV, San Pedro Zacatenco, Ciudad de México .....	15
CINVESTAV Irapuato, Irapuato, Gto., Mexico .....	144
National Institute of Technology of Mexico, Tlajomulco de Zúñiga, Jal .....	144

### **Poland**

Institute of Plant Protection – National Research Institute Regional Experimental Station, Rzeszów .....	44
-------------------------------------------------------------------------------------------------------------	----

Regional Experimental Station, Toruń .....	44
Maria Curie-Skłodowska University, Lublin .....	44
Opole University, Opole .....	71
Poznań University of Life Sciences, Poznań .....	134
The Upper Silesian Nature Society, Katowice .....	127
<b>P.R. China</b>	
China Agricultural University, Beijing .....	226
Huanghuai University, Zhumadian, Henan .....	226
Institute of Plant Protection, Chinese Academy of Agricultural Sciences, Beijing .....	101
Landscape Research Institutes of Zhumadian, Zhumadian, Henan .....	226
Nanjing Forestry University, Nanjing .....	226
Xinjiang Normal University, Xinjiang .....	32
Yangtze University, Jingzhou .....	101
<b>Slovak Republic</b>	
Comenius University, Bratislava .....	177
Dreviny zdravotný stav, s.r.o., Nitra .....	243
Slovak University of Agriculture in Nitra, Nitra .....	50, 96, 108, 243
Technical University in Zvolen, Zvolen, .....	243
<b>Slovenia</b>	
Agriculture and Forestry Institute Nova Gorica, Nova Gorica .....	96
<b>South Korea</b>	
Kangwon National University, Gangwon-do .....	201
<b>Spain</b>	
Andalusian Institute for Research and Training in Agriculture, Fisheries, Foods and Organic Production (IFAPA), La Mojonera .....	25
<b>Thailand</b>	
King Mongkut's Institute of Technology Ladkrabang, Bangkok .....	85
<b>Tunisia</b>	
University of Carthage, Tunis .....	1
University of Carthage, Tunis .....	1
<b>Turkey</b>	
Ataturk University, Erzurum .....	134
GAP Agricultural Research Institute, Haliliye/Şanlıurfa .....	216
Mardin Artuklu University, Mardin .....	216
<b>USA</b>	
Dakota State University, Brookings .....	78
Texas A & M AgriLife Research and Extension Center, Lubbock .....	226