

## INDEX OF VOLUME 43 (2007)

### REVIEW

- HEŘMANOVÁ V., BÁRTA J., ČURN V.: Wild potato species: characterization and biological potential for potato breeding ..... 73
- MIKULÍKOVÁ D.: The effect of friabilin on wheat grain hardness ..... 35
- VÍTÁMVÁS P., KOSOVÁ K., PRÁŠIL I.T.: Proteome analysis in plant stress research ..... 1

### ORIGINAL SCIENTIFIC PAPERS

- CHRPOVÁ J., ŠÍP V., MATĚJOVÁ E., SÝKOROVÁ S.: Resistance of winter wheat varieties registered in the Czech Republic to mycotoxin accumulation in grain following inoculation with *Fusarium culmorum* ..... 44
- DREISEITL A.: Variety resistance of winter barley to powdery mildew in the field in 1976–2005 ..... 87
- DUMALASOVÁ V., BARTOŠ P.: Reaction of spring wheat cultivars to common bunt caused by *Tilletia tritici* (Bjerk.) Wint. and *Tilletia laevis* (Kühn) ..... 82
- HANZALOVÁ A., DUMALASOVÁ V., SUMÍKOVÁ T., BARTOŠ P.: Rust resistance of the French wheat cultivar Renan ..... 53
- HELDÁK J., BEŽO M., ŠTEFÚNOVÁ V., GALLIKOVÁ A.: Selection of DNA markers for detection of extreme resistance to potato virus Y in tetraploid potato (*Solanum tuberosum* L.) F<sub>1</sub> progenies .. 125
- KŮDELA V.: Inflorescence blast and flower bud abnormalities of *Spiraea* × *vanhouttei* and their causes ..... 135
- LEIŠOVÁ L., KUČERA L., DOTLAČIL L.: Genetic resources of barley and oat characterised by microsatellites ..... 97
- MŮDRY P., KRAIC J.: Inter- and intra-population variation of local maize (*Zea mays* L.) populations from Slovakia and Czech Republic ..... 7
- ONDŘEJ M., HUŇADY I.: Faba bean (*Vicia faba* L.) breeding for resistance to anthracnose (*Ascochyta fabae* Speg.) in the Czech Republic ..... 61
- SCHWARZBACH E., HARTMANN J., PIEPHO H.-P.: Multiplicative main cultivar effects in Czech Official Winter Wheat Trials 1976–2005 ..... 117
- ŠÍP V., CHRPOVÁ J., LEIŠOVÁ L., SÝKOROVÁ S., KUČERA L., OVESNÁ J.: Effects of genotype, environment and fungicide treatment on development of *Fusarium* head blight and accumulation of DON in winter wheat grain ..... 16
- YU CH., LEIŠOVÁ L., KUČERA V., VYVADILOVÁ M., OVESNÁ J., DOTLAČIL L., HU S.: Assessment of genetic diversity of yellow-seeded rapeseed (*Brassica napus* L.) accessions by AFLP markers ..... 105

### SHORT COMMUNICATION

- STEHNO Z.: Emmer wheat Rudico can extend the spectra of cultivated plants particularly in organic farming ..... 113

ŠPUNAROVÁ M., POUCH M., ŠPUNAR J.: Utilization of a molecular marker for evaluation  
of hybridization success in spring barley genetics and breeding ..... 144

**NEW VARIETIES**

HORČIČKA P., HANIŠOVÁ A., CHRPOVÁ J.: Winter wheat Sakura ..... 153  
KOPRNA R.: Winter oilseed rape Oksana ..... 71  
KOPRNA R.: Winter oilseed rape Opus ..... 69  
MACHÁČKOVÁ I.: Winter oilseed rape Aplaus ..... 33  
PAVELEK M., TEJKLOVÁ E.: *Linum usitatissimum* L., linseed Amon ..... 149  
STEMBERKOVÁ L., LANGER I.: Spring barley Aksamit ..... 151  
ŠAFAŘÍKOVÁ R.: List of field crop varieties registered in the Czech Republic in 2006 ..... 32

## AUTHORS INDEX

- BÁRTA J. ... 73  
BARTOŠ P. ... 53, 82  
BEŽO M. ... 125
- CHRPOVÁ J. ... 16, 44, 153  
ČURN V. ... 73
- DOTLAČIL L. ... 97, 105  
DREISEITL A. ... 87  
DUMALASOVÁ V. ... 53, 82
- GALLIKOVÁ A. ... 125
- HANIŠOVÁ A. ... 153  
HANZALOVÁ A. ... 53  
HARTMANN J. ... 117  
HELDÁK J. ... 125  
HEŘMANOVÁ V. ... 73  
HORČIČKA P. ... 153  
HU S. ... 105  
HUŇADY I. ... 61
- KOPRNA R. ... 69, 71  
KOSOVÁ K. ... 1  
KRAIC J. ... 7  
KUČERA L. ... 16, 97  
KUČERA V. ... 105  
KŮDELA V. ... 135
- LANGER I. ... 151  
LEIŠOVÁ L. ... 16, 97, 105
- MACHÁČKOVÁ I. ... 33  
MATĚJOVÁ E. ... 44  
MIKULÍKOVÁ D. ... 35  
MÚDRY P. ... 7
- ONDŘEJ M. ... 61  
OVESNÁ J. ... 16, 105
- PAVELEK M. ... 149  
PIEPHO H.-P. ... 117  
POUCH M. ... 144  
PRÁŠIL I.T. ... 1
- ŠAFAŘÍKOVÁ R. ... 32  
SCHWARZBACH E. ... 117  
ŠÍP V. ... 16, 44  
ŠPUNAR J. ... 144  
ŠPUNAROVÁ M. ... 144  
ŠTEFÚNOVÁ V. ... 125  
STEHNO Z. ... 113  
STEMBERKOVÁ L. ... 151  
SUMÍKOVÁ T. ... 53  
SÝKOROVÁ S. ... 16, 44
- TEJKLOVÁ E. ... 149
- VÍTÁMVÁS P. ... 1  
VYVADILOVÁ M. ... 105
- YU CH. ... 105