

TABLE OF CONTENTS

Volume 3, Number 7, November 2012

Intercropping barley with pea for agronomic and economic considerations in northern Ontario	
T. S. Sahota, S. S. Malhi.....	889
Field response of Colorado potato beetle to enantiomeric blends of CPB I aggregation pheromone	
T. P. Kuhar, E. M. Hitchner, R. R. Youngman, K. Mori, J. C. Dickens.....	896
Bioinformatics analysis of metallothionein gene from <i>Agaricus bisporus</i>, <i>Ganoderma lucidum</i>, <i>Taiwanofungus camphoratus</i> and <i>Paxillus involutus</i>	
C.-K. Qiang, B.-Y. Zhou, X.-Z. Yang, F. Wei, Z.-L. Lu, S.-S. Wang, Y.-H. Qin, S.-Y. Wang.....	900
Vermicompost, the story of organic gold: A review	
S. Adhikary.....	905
The genetic variation of the backcross modified lines developed from the maize line 08-641 selected by different directions	
L. J. Li, Y. Y. Xiong, W. S. Chen, Y. J. Liu, H. Lan, H. J. Lin, K. C. Yang, S. B. Gao, G. T. Pan.....	918
Control of light environment: A key technique for high-yield and high-quality vegetable production in protected farmland	
X. Y. Yang, X. F. Wang, L. J. Wang, M. Wei.....	923
Effect of weather patterns on preweaning growth of beef calves in the Northern Great Plains	
M. D. MacNeil, L. T. Vermeire.....	929
The effect of leaf presence on the rooting of stem cutting of bitter melon and on changes in polyamine levels	
N. S. A. Malik, J. L. Perez, M. Kunta.....	936
Effect of electric pulse charged to culture soil on improvement of nutritional soil condition and growth of lettuce (<i>Lactuca sativa</i> L.)	
J. Y. Yi, J. W. Choi, B. Y. Jeon, I. L. Jung, D. H. Park.....	941
Global sensitivity analysis for choosing the main soil parameters of a crop model to be determined	
H. Varella, S. Buis, M. Launay, M. Guérif.....	949
Use of carnauba based carrier for copper sprays reduces infection by <i>Xanthomonas citri</i> subsp. <i>citri</i> and <i>Diaporthe citri</i> in Florida commercial grapefruit groves	
J. Narciso, W. Widmer, C. Ference, M. Ritenour, R. Diaz.....	962

The figure on the front cover is from the article published in Agricultural Sciences, 2012, Vol. 3, No. 7, pp. 962-970 by Jan Narciso, *et al.*