

## TABLE OF CONTENTS

### Volume 4, Number 4, April 2013

<b>Pilot-scale production and optimizing of cellulolytic <i>Penicillium oxalicum</i> for controlling of mango malformation</b>	165
W. M. Haggag, M. Abo El Soud.....	
<b>Effects of different planting systems on yield of potato crop in Kaghan Valley: A mountainous region of Pakistan</b>	175
M. Qasim, S. Khalid, A. Naz, M. Z. Khan, S. A. Khan.....	
<b>Nickel, lead and manganese content of forages irrigated with different sewage water treatments: A case study of a semiarid region (Sargodha) in Pakistan</b>	180
K. Ahmad, Z. I. Khan, Y. Rizwan, M. Sher, M. K. Mukhtar, R. Nawaz, M. Shaheen, F. Mirzaei.....	
<b>The effect of photo-irradiation on the growth and ingredient composition of young green barley (<i>Hordeum vulgare</i>)</b>	185
R. Koga, T. X. Meng, E. Nakamura, C. Miura, N. Irino, H. P. Devkota, S. Yahara, R. Kondo.....	
<b>Control of glyphosate resistant giant ragweed in soybean with preplant herbicides</b>	195
J. Follings, N. Soltani, D. E. Robinson, F. J. Tardif, M. B. Lawton, P. H. Sikkema.....	
<b>Estimation of red tip disease severity in pineapple using a non-contact sensor approach</b>	206
S. K. Balasundram, F. A. Kassim, G. Vadamalai, A. H. M. Hanif.....	

---

The figure on the front cover is from the article published in Agricultural Sciences, 2013, Vol. 4, No. 4, pp. 185-194 by Ryota Koga, *et al.*