

TABLE OF CONTENTS

Volume 4, Number 12A, December 2013

Relative effectiveness of organic and inorganic nutrient sources in improving yield, seed quality and nutrient uptake of canola	
S. S. Malhi, C. L. Vera, S. A. Brandt.....	1
Different fertilizer types affected nitrogen and carbon cycling in eroded and colluvial soils of Southern Ecuador	
E. Bahr, U. Hamer, D. C. Zaragocin, F. Makeschin.....	19
Effects of controlled-release urea application on the growth, yield and nitrogen recovery efficiency of cotton	
S. P. Wang, X. K. Li, J. W. Lu, J. Hong, G. Chen, X. X. Xue, J. F. Li, Y. X. Wei, J. L. Zou, G. W. Liu.....	33
Phosphorus and potassium fertilization in no till southern Brazilian soils	
J. A. Schlindwein, L. Bortolon, E. C. Fioreli-Pereira, E. S. O. Bortolon, C. Gianello.....	39
Analysis and comparison of nutrient contents in different animal manures from Beijing suburbs	
Z. L. Yang, L. J. Han.....	50
Yield and quality of maize following the foliar application of a fertilizer based on the byproduct “shale water”	
R. S. Messias, V. Galli, M. A. Schirmer, C. N. Pilon, S. D. A. Silva, C. A. P. Silveira, C. V. Rombaldi.....	56
Direct and residual effects of plant nutrition’s and plant growth retardants, on cottonseed	
Z. M. Sawan.....	66
The role of green manure nitrogen use by corn and sugarcane crops in Brazil	
E. J. Ambrosano, H. Cantarella, G. M. B. Ambrosano, F. L. F. Dias, F. Rossi, P. C. O. Trivelin, T. Muraoka.....	89

The figure on the front cover is from the article published in Agricultural Sciences, 2013, Vol. 4, No. 12A, pp. 19-32 by Etienne Bahr, Ute Hamer, Diego Chamba Zaragocin and Franz Makeschin.