

**EASTERN UNIVERSITY, SRI LANKA**  
**FINAL YEAR, FIRST SEMESTER EXAMINATION IN AGRICULTURE – 2012/2013**  
**AC – 411 SOIL FERTILITY EVALUATION AND MANAGEMENT**  
**Mar –Apr -2015**

**Answer all questions**  
**Time: One Hour**

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1. a. Characterize a “highly productive soil with high fertility”. (40 marks)
- b. Explain the importance of soil test crop response curve in fertilizer recommendation. (40 marks)
- c. Write a note on the impact of organic matter on soil fertility (20 marks)
2. a. Explain the “4R’s” for efficient fertilizer use. (40 marks)
- b. Briefly discuss about fertilizer application methods. (20 marks)
- c. Comment on the importance of crop rotation in soil fertility management. (40 marks)