



Eastern University, Sri Lanka

External Degree programme in Agriculture

First Year Second Semester Examination in Agriculture 2006/2007

(April/May 2010)

CSC 1201: Agronomy of rice and vegetable crops

Answer all questions

Time: 3 hours

- a. Write the critical stages of nitrogen in rice (*Oryza sativa* L.) cultivation.
  - b. Briefly discuss the problems and constraints associated with paddy (*Oryza sativa* L.) cultivation in Sri Lanka.
  
2. a. Write the critical periods of water requirement in rice (*Oryza sativa* L.) plant.
  - b. Briefly discuss the ways to minimize the water needs in rice (*Oryza sativa* L.).
  
3. Write short notes on the following;
  1. Puddling in rice (*Oryza sativa* L.).
  2. Merits and demerits of dapog nursery in rice (*Oryza sativa* L.).
  3. Yield components of rice (*Oryza sativa* L.).
  
4. Discuss the reproductive and ripening phases of rice (*Oryza sativa* L.) plant.
  
5. Write short notes on the following;
  1. *Rhizobium japonicum* L. inoculation in soybean (*Glycine max* L.).
  2. Problems in gourds cultivation in Sri Lanka.
  3. Market gardening.
  
6. Farmer wishes to cultivate tomato (*Lycopersicon esculentum* L.) in one ha. How would you advise him.

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