**CROP PRODUCTION III**

**NURSERY MANAGEMENT PRACTICES**

This topic entails the following:

* A nursery bed
* A nursery bed and a seed bed
* Reasons of establishing nursery bed
* Suitable site for nursery bed
* Nursery bed preparation
* Nursery bed management practices
* Transplanting seedling crops from nursery bed
* Budding a seedling
* Grafting a seedling
* Reasons for budding, grafting and layering
* Tissue culture
* Damage caused by animals to a seedling and prevention.

The following relevant questions and their answers in this topic will greatly help and motivate the user to comprehend and understand the required concepts and practices.

1. Name **three** methods of grafting that are used in propagation of plants

2. State **two** practices done during hardening-off of seedlings in a nursery bed.

3. List **two** methods of budding used in crop propagation

4. List **four** management practices carried out on a nursery bed

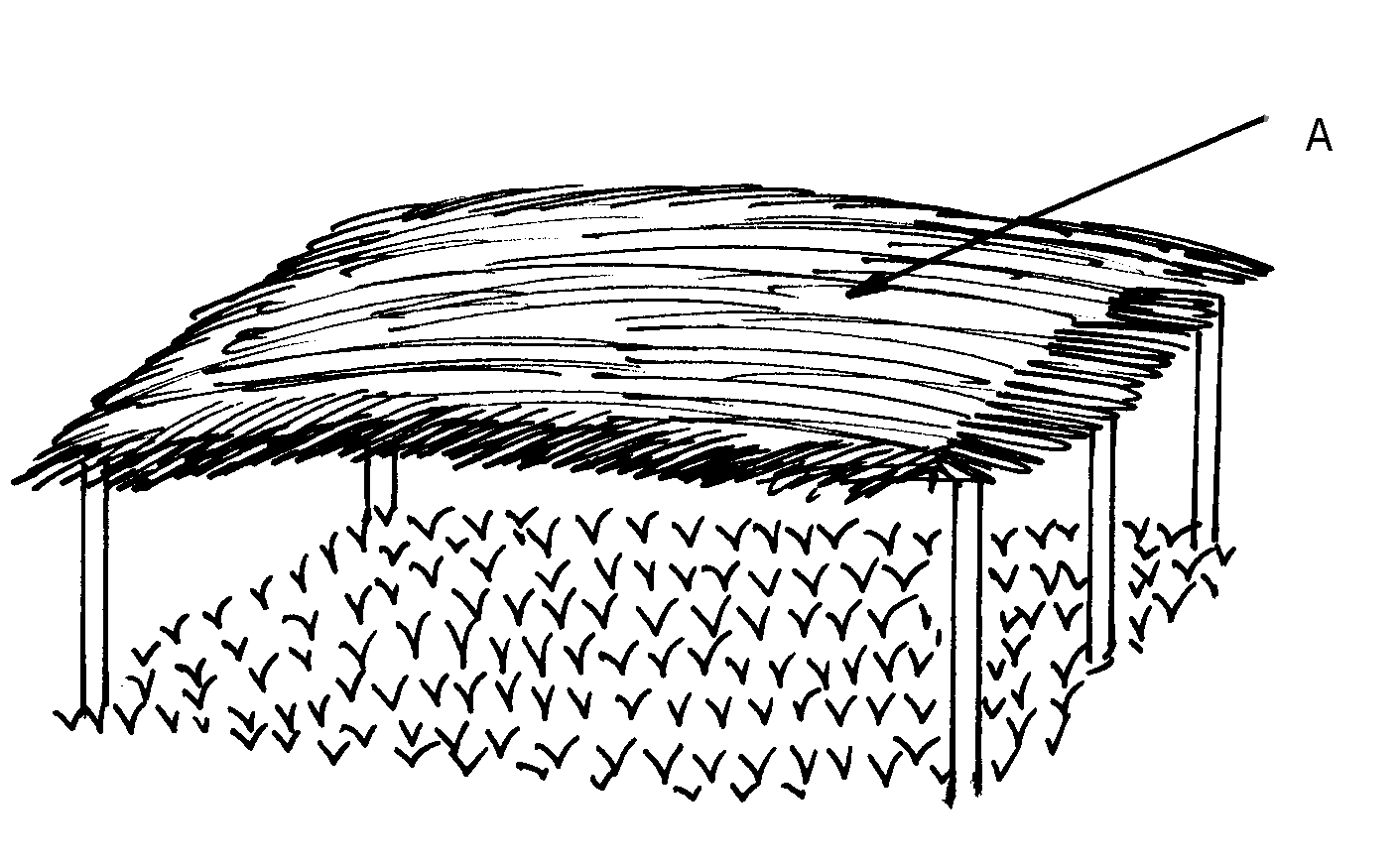
5. Outline **two** importance of tissue culture in crop propagation

6. Differentiate between a nursery bed and a seedling bed

7. Give **four** advantages of under sowing in pasture production

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9. The diagram below shows a structure used in crop production:



(a) Identify the structure above

(b) Give a reason for carrying out each of the following practices in the structure shown above

(i) Pricking out

(ii) Hardening off

(c) State three importance of the part labeled A in the above structure

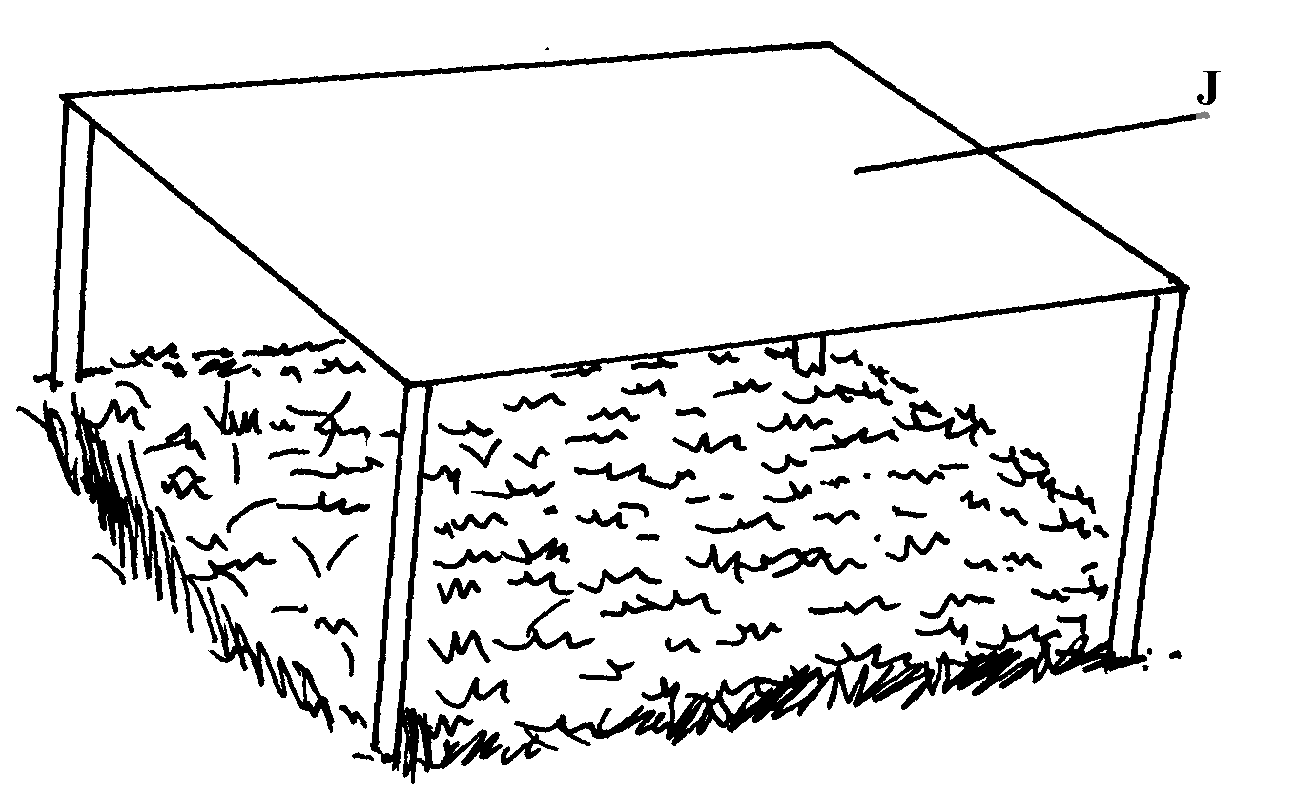
10. (a) Describe the siting and establishment of a crop nursery

(b) Explain management practices in a crop nursery

11. State **four** importance of thinning seedlings in the nursery bed

12. State the difference between a seedling bed and a seedbed.

13. Below is a diagram of a nursery for raising the seedlings



(a) State **two** advantages of having the part labeled **J**

(b) State any **three** management practices that should be carried out on the nursery from the time

seedlings emerge to the stage of transplanting