

THEORY OF ORGANIC CULTIVATION

<p>1. Demonstrate an understanding of the effects of weather patterns and day-length and seasonal change in a specified region / own locality in relation to organic cultivation.</p> <p>2. Demonstrate an understanding of the principles of extended cropping.</p> <p>3. Demonstrate an awareness of different types of organic materials.</p> <p>4. Demonstrate an awareness of the range of soil types and appreciate a range of negative impacts on soils.</p>	<p>1.1 Outline estimated timings for a variety of cultivation activities in relation to weather conditions and seasonal change.</p> <p>1.2 Describe the differing measures of time involved in crop production, giving due consideration to weather patterns, day-length and seasonal change.</p> <p>1.3 Explain own choice of suitable dates for particular Biodynamic activities. Provide 3 specific examples.</p> <p>2.1 Describe and explain recommended methods of producing crops throughout the year.</p> <p>2.2 Describe two facilities designed to create protected growing microclimates and explain how to use them.</p> <p>3.1 Identify and describe a range of bought and recycled organic materials.</p> <p>3.2 Explain the differences between Organic and non-organic resources.</p> <p>3.3 Identify sources of Organic materials.</p> <p>3.4 Describe how to process and store raw materials for use in Organic horticulture.</p> <p>3.5 Describe a basic range of concentrated Organic fertilisers.</p> <p>3.6 Describe appropriate uses for Organic fertilisers.</p> <p>4.1 Identify and describe three different beneficial and detrimental soil management practices.</p> <p>4.2 Outline three suggestions for how to remediate and improve soil for organic cultivation.</p>
<p>5. Demonstrate an understanding of site development for Organic production.</p>	<p>5.1 Explain how to organise a growing site for Organic production.</p> <p>5.2 Outline how to plan and record cultivation activities for a specific site over a one year period.</p>

6. Demonstrate an understanding of the stages of growth of plants.

7. Demonstrate an understanding of the range and variety of food crops, suitable for local production.

8. Demonstrate a familiarity with techniques used to propagate plants.

9. Demonstrate an understanding of establishing and maintaining growing systems.

10. Demonstrate an understanding of preventative and symptomatic treatments appropriate in Organic cultivation.

11. Demonstrate an understanding of how to establish and maintain perennial crops.

12. Demonstrate an understanding of the essential principles of seed-saving.

13. Demonstrate a familiarity with cropping techniques .

6.1 Explain six methods of human intervention to improve plant growth at appropriate times.

7.1 Outline and describe the range and variety of edible plants, suitable for local production.

8.1 Describe three propagating techniques that can be used to multiply plantstock.

8.2 Explain the benefits of one of these techniques.

9.1 Explain how to establish and maintain two Organic food-growing systems.

9.2 Summarise the principles of crop combination and rotation.

10.1 Describe three good practices to ensure the health of crops within Organic cultivation.

11.1 Explain how to plant and maintain fruiting and edible perennial crops. E.g. soft and top fruit, nuts and perennial vegetables.

12.1 Describe how to save seed from edible crop plants.

12.2 Explain the reasons for this.

13.1 Describe recommended methods of harvesting and storing three crops.