

Strategic plan : grace upon grace

Organic Crop Planting Plan Template

1. Introduction:

- Objective: Provide a strategic plan for planting organic crops in a sustainable manner.
- Farm Name: Grace upon Grace Trust
- Farm Location: Rayton
- Planting Season: winter

2. Crop Selection:

- List the organic crops planted:

Summer 2023 , 500 SQM sweet potatoes

1000 SQM okra (30 000 seeds)

winter 2023

-110000 Garlic

Peas

2000 Celery

100 Beetroot

200 red cabbage

50 fennel

100 Lettuce

200 Broccoli

200 cauliflower

75 Parsley

100 Chomolia

100 spring onion

300 sugar cane

2 Avocado R100

1 Lemon :380

1 Almond : R250

1 Peaches :280

- Consider crop rotation to maintain soil fertility and prevent disease and pest infestation.
- Prioritize crops that are suitable for the farm's climate and market demand.

3. Field Preparation:

- Identify the fields available for planting.

3 hectares

- Evaluate the soil condition in each field and address any deficiencies.
- Consider conducting soil tests to determine the nutrient content and pH levels.

Results for soil test at Rayton

- Implement soil amendments to enhance soil fertility and structure.

4. Planting Schedule:

- Determine the optimal planting dates for each crop.

Garlic 20 April till 31 May 2023

Others June/ July 2023

- Consider the climate, length of growing season, and specific crop requirements.
- Plan for successive plantings if necessary to extend the harvest season.

5. Crop Spacing and Layout:

- Determine the recommended spacing between plants and rows for each crop.

Broccoli, beetroot, cauliflower, parsley, kale, spring onions, red cabbage, planted on 8,9 & 10 June 2023

The recommended spacing for these vegetables and herbs varies depending on the specific plant and the growing conditions. Here are some general guidelines:

- Beetroot: 4-6 inches (10-15 cm) apart
- Red cabbage: 18-24 inches (45-60 cm) apart
- Fennel: 12-18 inches (30-45 cm) apart
- Lettuce: 6-10 inches (15-25 cm) apart
- Broccoli: 18-24 inches (45-60 cm) apart
- Cauliflower: 18-24 inches (45-60 cm) apart
- Parsley: 6-10 inches (15-25 cm) apart
- Red onions: 4-6 inches (10-15 cm) apart

Kale/chomoulier- 45cm between plants.

Please plant in the centre. We will intercrop with borage.

- Design the layout of each field, considering efficient use of space and ease of management.
- Consider companion planting to maximize plant health and minimize pest issues.

6. Seed/Plant Selection and Sourcing:

- Choose certified organic seeds or plants from reputable suppliers.
- Consider heirloom varieties and local adaptations if available.
- Ensure the seeds or plants are disease-free and of high quality.

7. Irrigation and Water Management:

- Assess the water availability and plan for irrigation systems if necessary.

Costs ?

- Incorporate water-conserving techniques, such as drip irrigation or mulching.

Mulching :

- Develop a watering schedule based on crop water requirements.

8. Pest and Weed Management:

- Implement preventive measures to reduce pest and weed pressure.
- Use organic methods, including crop rotation, natural predators, and cultural practices.
- Plan for regular scouting and monitoring to detect early signs of pest or weed infestation.

9. Disease Management:

- Choose disease-resistant crop varieties when possible.
- Use crop rotation and appropriate cultural practices to prevent the buildup of pathogens.
- Apply approved organic methods for disease control, such as organic fungicides or compost teas.

10. Harvesting and Post-Harvest Handling:

- Determine the appropriate maturity stage for each crop and plan for timely harvesting.
- Ensure proper handling and storage techniques to maintain crop quality.
- Develop a plan for processing, packaging, and marketing the harvested crops.

11. Record-Keeping and Evaluation:

- Maintain accurate records of planting dates, crop yields, inputs used, and pest/disease observations.
- Regularly evaluate the success of the planting plan and make adjustments for future seasons.
- Use the records to document compliance with organic certification standards, if applicable.

12. Budget and Resources:

- Develop a budget for seed, fertilizer, labor, equipment, and other necessary resources.
- Seek funding opportunities or grants to support organic farming practices.
- Explore partnerships or collaborations to optimize resources and knowledge sharing.

Note: This template is a general guide. Adjustments may be required to fit specific farm requirements and local conditions.