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Beans Growing Guide – Eco Hope Co. Ltd

1. Introduction

- **Importance of Beans:** Beans are an essential source of protein for many households and are a valuable crop for smallholder farmers in Uganda.
- **Eco Hope's Focus:** We support the cultivation of high-yield, disease-resistant bean varieties.

2. Variety Selection

- **Recommended Varieties:** NABE varieties (NABE 14, NABE 16), which are popular for their high yield and disease resistance.
- **Climate:** Beans grow well in well-drained loamy soils at altitudes between 1,200m and 1,800m.

3. Soil Preparation

- **Soil Testing:** Test the soil for nutrient levels before planting.
- **Plowing and Ridging:** Prepare raised ridges to prevent waterlogging and improve drainage.

4. Planting

- **Spacing:** Space the beans 50cm apart in rows, with 10cm spacing between plants.
- **Direct Seeding:** Beans are planted directly into the soil, ensuring good seed-to-soil contact.

5. Weed Control

- **Hand Weeding:** Weed regularly to prevent competition for nutrients and water.
- **Mulching:** Apply mulch to retain moisture and reduce weed growth.

6. Pest & Disease Management

- **Pests:** Bean flies and aphids are common pests.
- **Diseases:** Anthracnose and blight are prevalent diseases.
- **Control:** Use organic insecticides and practice crop rotation.

7. Harvesting

- **When to Harvest:** Beans are ready for harvest when pods are fully matured and dry.
- **Post-Harvest Handling:** Dry beans in the sun and store in a cool, dry place.

8. Contact Information

- For more details, consult our agronomy experts or visit Eco Hope's resource center.