



# ARECANUT

## Package Of Practices

### From Field Preparation to Harvesting



#### Soil & Pit Preparation

Arecanut grows well in deep, well-drained soils with adequate moisture. Avoid prolonged waterlogging and use terracing on sloping land. Apply well-decomposed FYM/organic manure along with **MYCO-PEP** (Mycorrhiza GR) @ 50-100 g/pit and **CROP TIGER** @ 10-15 g/pit to support root development and soil biological activity. Provide shade protection for young palms.



#### Nursery Management & Planting

Select healthy seed nuts from high-performing mother palms and treat with **TRICHO-PEP H Liquid** (Trichoderma harzianum 2.0% AS Liquid) @ 5-10 ml before sowing. Sow in partially shaded sand beds and transplant healthy 1-2-year-old seedlings into 90 x 90 x 90 cm pits at approximately 2.75 x 2.75 m spacing.



#### Nutrition & Root Development

Apply balanced nutrition and organic manure for healthy palm growth. From the 5th year onwards, apply FYM/green leaf manure @ 10-15 kg/palm/year and **YURVA** (NPK 11:11:8 with Zinc and Boron) @ 5-7 ml/L. Use **TRICHO-PEP H** (Trichoderma harzianum 1.0% W.P), neem cake, PSB, and Bacillus biofertilizers to support root-zone health. Apply **AMINOFERT CB 6:1** (Calcium Boron Amino Acid Chelate 6:1), **AMINOFERT MMF**, and **AMINOFERT B 12%** (Boron Amino Acid Chelate 12%) @ 5-10 g/pit to support micronutrient nutrition, flowering, and nut development.

Apply nutrition in a circular band within the active root zone around the palm, avoiding direct contact with the stem.



#### Irrigation Management

Irrigate once a week from November-February and once every 4 days from March-May. Provide approximately 175 L/palm/day through flood irrigation or 16-20 L/palm/day through drip irrigation. Use mulching and fertigation during dry periods and ensure proper drainage.



#### Weed Management & Intercropping

Carry out weeding 2-3 times/year and keep the palm basin free from excessive weeds. Maintain terraces on sloping land. Suitable intercrops include cocoa, black pepper, coffee, vanilla, cinnamon, clove, and citrus.



#### Pest Management

Manage pests using recommended chemical and biological solutions according to infestation levels. Use **AVARRA** (Abamectin 1.9% EC), **SULPH-PEP** (Sulphur 80% WDG), **BEHTAR** (CHLORPYRIPHOS 20% EC), **SPINOVOLT** (Spinosad 45% SC), **PEPMIDA-17** (Imidacloprid 17.8% SL), **ICHCHA** (Fipronil 40% + Imidacloprid 40% WG), and **SANHAAR** (Novaluron 5.25% + Indoxacarb 4.5% SC) for pest control. Biological options include **BIOVERT** (Verticillium lecanii 1.15% WP), **ZYAMI** (Bacillus thuringiensis kurstaki 0.50% WP Min), and **MERHIZO** (Metarhizium Anisopliae 1% W.P) for managing mites, bugs, caterpillars, thrips, and root grubs.



#### Disease Management

Use **DIXOZY** (Azoxystrobin 18.2% + Difenconazole 11.4% SC), **STROBIT** (Tebuconazole 50% + Trifloxystrobin 25% WG), **TOSEM 70** (Thiophanate Methyl 70% WP), and **HIKSA-5** (Hexaconazole 5% SC) for chemical disease management according to the target disease. Biological solutions include **PEPTILIS** (Bacillus subtilis 1.5%AS), **TRICHO-PEP V Liquid** (Trichoderma viride 1.50% Liquid), and **TRICHO-PEP H** (Trichoderma harzianum 1.0% W.P) for managing Koleroga, leaf spot, and Anabe Roga. Apply appropriate treatments for bud rot and stem bleeding.



#### Harvesting

Arecanut generally starts bearing around 5 years after planting. Harvest nuts at approximately three-quarter maturity, with 3-5 harvests per year depending on location and season. Average yield under suitable conditions is approximately 1,250 kg/ha (500 kg/acre).





# Complete and Integrated Crop Care Program for Arecanut

Maximizing Growth, Minimizing Losses

|                            | <br>Orchard Preparation | <br>Nursery & Planting | <br>Vegetative Growth | <br>Nut Initiation to Flowering | <br>Fruit Development | <br>Fruit Maturity to Harvest |
|----------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Bio Pesticides             | TRICHO-PEP H Liquid                                                                                      | TRICHO-PEP H Liquid                                                                                     | BIOVERT ZYAMI TRICHO-PEP V                                                                             | BIOVERT ZYAMI PEPTILIS                                                                                            | BIOVERT ZYAMI TRICHO-PEP H                                                                               |                                                                                                                  |
| Fertilizer                 |                                                                                                          |                                                                                                         | YURVA                                                                                                  | YURVA                                                                                                             | YURVA                                                                                                    |                                                                                                                  |
| Nutrient/ Root Development | MYCO-PEP CROP TIGER                                                                                      | MYCO-PEP CROP TIGER                                                                                     |                                                                                                        |                                                                                                                   |                                                                                                          |                                                                                                                  |
| Bio Stimulants             |                                                                                                          |                                                                                                         | AMINOFERT® CB 6:1                                                                                      | AMINOFERT® MMF                                                                                                    | AMINOFERT® B 12                                                                                          |                                                                                                                  |
| Pesticides                 |                                                                                                          |                                                                                                         | AVARRA<br>PEPMIDA 17<br>DIXOZY                                                                         | BEHTAR<br>ICHCHA<br>STROBIT                                                                                       | SPINOVOLT<br>SANHAAR<br>TOSEM 70                                                                         | HIKSA-5                                                                                                          |

**Terms & Conditions:** \*Recommendations are indicative and may vary based on local conditions. Application guidelines may vary depending on soil, climate, and other conditions. Users are advised to conduct trials before use.



3 ml/Ltr  
of water



100 g



1 ml/Ltr  
of water



3 ml/Ltr  
of water



0.75-1.25 ml/Ltr  
of water



5 g/Ltr  
of water



3 ml/Ltr  
of water



5 g/Ltr  
of water



2 ml/100 ml  
of water



3-4 g/Ltr  
of water



5-10 g/pit



5-10 g/pit



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