



Department of Agriculture, Livestock, Fisheries & Cooperative  
Development



### ABRIDGED MANGO PRODUCTION CALENDAR

| CROP PHASE                      | MONTH  | ACTIVITY/INTERVENTIONS   | RECOMMENDATION  |
|---------------------------------|--|--|---|
| <b>Harvesting</b>               | September,<br>October,<br>November,<br>December,<br>January,<br>February | <ul style="list-style-type: none"> <li>-Field hygiene, disposal of all fallen fruits.</li> <li>-Harvest mature fruits only.</li> <li>-Harvesting and aggregation depending on market requirements</li> <li>-Observe maturity indices (physiological maturity).</li> <li>-Sorting and Grading</li> <li>-Fruit Fly Control</li> <li>-Scouting for pests, diseases and deficiencies.</li> </ul> | <ul style="list-style-type: none"> <li>-Mild and/or no pesticide spray due to crop residues. Use products with short P.H.I.</li> <li>-Farmer's production and sales records.</li> <li>-Stem-end-rots and anthracnose may affect mature fruits if delayed in harvesting.</li> <li>-Usage of Crates, Harvesting tools, Tarps, collection sheds/Shade very important.</li> </ul>   |
| <b>Post-harvesting</b>          | January,<br>February   | <ul style="list-style-type: none"> <li>-Major Pruning</li> <li>-Basin formation</li> <li>-Manure application</li> <li>-Digging (minimal) to loosen hard pan using forked Jembes.</li> <li>-Field hygiene.</li> <li>-Scouting for pests, diseases and deficiencies.</li> <li>-Construct Soak pits for pesticide safe disposal.</li> </ul>   | <ul style="list-style-type: none"> <li>-Tree canopy establishment.</li> <li>-Disinfecting the pruning implements using sodium hypochlorite</li> <li>-Use clean pruning materials (free of rust).</li> <li>-Copper Sprays to cover tree wounds/disease entry points at once per month.</li> <li>-Minimize root injuries, avoid use of Jembes.</li> <li>-Spray of high Phosphorus foliar feeds to promote development of growing points.</li> <li>-Input records to start.</li> </ul>   |
| <b>Vegetative/<br/>Flushing</b> | March,<br>April  | <ul style="list-style-type: none"> <li>-Minimal pruning e.g. removing excess leaves.</li> <li>-Gall midge control</li> <li>-Scouting for pests, diseases, nutrition deficiencies.</li> <li>-Construct Soak pits for safe pesticide disposal.</li> <li>-Weeding control</li> </ul>  | <ul style="list-style-type: none"> <li>-High Nitrogen requirement as Foliar or basal application</li> <li>-Also consider Foliar sprays high in Phosphorus following pruning to encourage new shoots growth</li> <li>-Irrigation if no rains.</li> <li>-Urea application as basal fertilizer can be done.</li> <li>-Manure application (animal, compost etc.) recommended</li> <li>-Sprays of insecticides before gall midge attacks etc.</li> <li>-Need for Input records.</li> </ul> |

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| <b>Dormancy</b>             | April, May, June                           | <ul style="list-style-type: none"> <li>-Field hygiene e.g. weeds control on host plants like Sodom apple.</li> <li>-Tree banding</li> <li>-Mango seed weevil control</li> <li>-Correcting Boron Deficiency.</li> <li>-Scouting for pests, diseases and nutritional deficiencies.</li> </ul>  | <ul style="list-style-type: none"> <li>-Minimize or NO use of Nitrogenous fertilizers needed.</li> <li>-Minimize or NO irrigation/watering needed.</li> <li>-Preventive sprays of Sulphur-based fungicides at once per month to control Powdery Mildew.</li> <li>-Preventive sprays of copper-based fungicides at once per month.</li> <li>-Tree smoking at budding stage (burn wet leaves/foliage and at night/evenings).</li> <li>-Banding at 2 to 4 feet off the ground.</li> <li>-Soil amendment using Boron applications</li> <li>-Inputs records to be done.</li> </ul> |
| <b>Flowering, pin-head</b>  | June, July, August, September              | <ul style="list-style-type: none"> <li>-Field hygiene continuous.</li> <li>-Disease control (Powdery mildew, Anthracnose, Botrytis)</li> <li>-Pests control (Thrips, Aphids, Mango hopper, Tip-wilters, beetles)</li> <li>-High-K, Zinc, Boron, Magnesium applications necessary. This promotes fruit set</li> <li>-Fruit Fly control underway.</li> <li>-Continuous scouting for pests, diseases and deficiencies.</li> </ul> | <ul style="list-style-type: none"> <li>-Preventive/curative sprays to control Anthracnose, Powdery mildew timely.</li> <li>- Use of systemic/contact insecticides to control sucking, rasping and biting pests e.g. thrips, mites</li> <li>-Use of high K, Zinc, Boron, Magnesium foliar fertilizer</li> <li>-Fruit Fly interventions e.g. bactrolure traps.</li> <li>-Irrigation is no rains.</li> <li>-Records of inputs to be done.</li> </ul>   |
| <b>Fruit expansion</b>      | August, September, October                 | <ul style="list-style-type: none"> <li>-Field Hygiene is key.</li> <li>-Watering/irrigation if no rains</li> <li>- Rust Mites control</li> <li>-Fruit fly control</li> <li>-Calcium application.</li> <li>-High-K applications</li> <li>-Continuous scouting for pests, diseases and deficiencies.</li> </ul>  | <ul style="list-style-type: none"> <li>-Calcium application necessary.</li> <li>-Control of pests and diseases following scouting.</li> <li>-Mites control by spraying miticides</li> <li>-Copper sprays also protect against rust, anthracnose on fruits.</li> <li>-Fruit fly interventions e.g. Bactrolure traps.</li> <li>-Use of high k foliar fertilizers</li> <li>-Irrigation if no rains</li> <li>-Records of Inputs use to be done.</li> </ul>  |
| <b>Maturity/ Harvesting</b> | September, October, November (Lower Zones) | <ul style="list-style-type: none"> <li>-Field hygiene, disposal of all fallen fruits.</li> <li>-Harvest mature fruits only.</li> <li>-Harvesting and aggregation depending on market requirements</li> <li>-Observe maturity indices (physiological maturity).</li> <li>-Sorting and Grading</li> <li>-Fruit Fly Control</li> <li>-Scouting for pests, diseases and deficiencies.</li> </ul>                                   | <ul style="list-style-type: none"> <li>-Mild and/or no pesticide spray due to crop residues. Use products with short P.H.I.</li> <li>-Farmer's production and sales records.</li> <li>-Stem-end-rots and anthracnose may affect mature fruits if delayed in harvesting.</li> <li>-Usage of Crates, Harvesting tools, Tarps, collection sheds/Shade very important.</li> </ul>   |

*For more information, contact CDA Makueni or your nearest Ward Agricultural Officer*