

# MAIZE

Harvesting Period: In general, maize requires 120 days (12 weeks) to reach maturity. However, early maturing varieties take 75 – 80 days

## PRODUCTION PROFILE

PLANTING	Disease & Pest control	Ecological Zones	Varieties
<p><b>Method:</b></p> <ul style="list-style-type: none"> <li>• Two to three seeds per hole are Planted at a depth of 2cm – 4cm.</li> <li>• A planting distance of 90cm x 60cm is recommended for manual clearing. And 75cm x25cm for mechanized farming.</li> </ul> <p><b>Seasons:</b>  <b>Guinea savannah – End of May- June :</b> Dobidi, Okomasa, Kawanzie, Abeleehi  <b>Dorke SR, Safita 2, Obatanpa, Aburotia</b></p> <p><b>Transition– Mid March -End of April :</b> Dobidi, Okomasa, Obatanpa.</p> <p><b>Forest– Mid March -End of April:</b> Dobidi, Okomasa, Obatanpa.</p> <p><b>Coastal Savannah–End of March - End of April :</b> Dobidi, Okomasa, Obatanpa, Abeleehi, Dorke SR, Safita 2</p> <p><b>Minor</b>  <b>Transition– Mid July –Early sept. :</b> Dobidi, Okomasa, Obatanpa, Abeleehi.</p> <p><b>Forest– Mid July –Early sept. :</b> Dobidi, Okomasa, Obatanpa.</p> <p><b>Coastal Savannah–Planting not Recommended</b></p>	<p>Striga (witchweed) (Striga hermonthica, S. asiatica)</p> <p>Amyworms (Spodoptera exempta)</p> <p>Larger grain borers (Prostephanus truncatus)</p> <p>Greater grain weevil (Sitophilus spp.)</p> <p>Maize streak virus (virus transmitted by insects known as leaf hoppers)</p> <p>Stem borers (Busseola fusca, Sesamia calamistis, Eldana saccharina)</p> <ul style="list-style-type: none"> <li>• Major pests of maize include, Stem Borers, Weevils, and Larger Grain Borers.</li> <li>• Major diseases of maize include, Smuts, Rust, Bacteria Blight and Maize Streak.</li> </ul> <p><b>CONTROL</b></p> <ul style="list-style-type: none"> <li>• Crop Rotation</li> <li>• Early Planting</li> <li>• Plant Resistant Varieties</li> <li>• Burning of stalk after harvesting</li> <li>• Use of chemicals such as <i>Actellic</i>, <i>Malathion</i> and <i>Disolphide</i>.</li> </ul>	<p>Maize grows well on a wide range of soils</p> <ul style="list-style-type: none"> <li>• But the preferred types are deep, easily wet, fertile and well drained loams.</li> <li>• Shallow sandy or clayey soils should be avoided.</li> <li>• A soil ph of 4.5 – 6.8 is preferred</li> </ul> <p>Guinea savannah            Coastal Savannah            Forest            Transition</p>	<p>(color of Grain)            White</p> <p>Dobidi            Okomasa            Obatanpa            Aburotia            Abeleehi            Safita 2            Dorke SR</p> <p>(color of Grain)            Yellow</p> <p>Golden            Crystal            Kawanzie</p>

Harvest / Post Harvest Info

Post Harvest		Storage
Dry before storing.		<ul style="list-style-type: none"> <li>• Maize cobs are usually stored in cribs while the grains are stored in silos. The free moisture content should not be more than 12%.</li> <li>• Improved maize cribs are recommended at the village level for effective maize storage whiles the silos is used as storage for large-scale production</li> </ul>
Other Information		
Market Price (GH¢/Kg)	Potential Market	Uses of Maize
0.80	Agboglobshie Mkt (Accra)	Baby food, hominy, mush, puddings, tamales, flour.
0.56	Bawku Mkt	
0.96	Kumasi Central Mkt	
0.48	Tamale Mkt	
0.72	Techiman Mkt	
1.20	Takoradi Mkt	
0.69	Hohoe Mkt	