

SOYBEAN

Harvesting Period: Once bloom started, varieties from the two maturity groups had nearly equal lengths of time (94 and 96 days).

PRODUCTION PROFILE

PLANTING	Disease & Pest control	Ecological Zones	Varieties
<p>Method:</p> <p>Mode of planting is by seed</p> <p>Seasons:</p> <p>Soybean varieties from maturity groups 4, 5, and 6 are planted in the Mid-South. The majority are planted in April and May</p>	<p>Aphids (Aphis craccivora and other species)</p> <p>Storage mothss (Ephestia cantella, Corcyra cephabonica)</p> <p>Storage weevils (Callosobruchus maculates)</p> <p>Sucking bugs (Anoplocnemis spp., Clavigralla spp. and other species)</p> <p>Anthracnose disease (Colletotrichum truncatum</p> <p>Rhizectonia Root Rot</p> <p>Fusarium Root Rot</p> <p>Phytophthora Root Rot</p> <p>White Mold (Sclerotinia stem rot)</p> <p>Stem Canker</p> <p>Brown Stem Rot</p> <p>Powdery Mildew</p> <p>Downy Mildew</p> <p>Bacterial Blight</p> <p>Pod and Stem Blight (Phomopsis seed mold)</p> <p>Cercospora Leaf Spot and Purple Stain of Seed</p> <p>INSECTS AND MITES</p> <p>Soybean Cyst Nematode</p> <p>CONTROL</p> <p>Use of sound agronomic practices is critical for profitable soybean production. Choose a well adapted, disease resistant variety from a appropriate maturity group. Plant soybeans in a timely manner on a suitable planting site with proper field and seedbed preparation, fertility and soil pH to enhance production success. The use of clean, certified seed is highly recommended. If bin run seed is used have seed checked for germination, seed borne diseases, and presence of weed seed.</p>	<p>Soybean is tolerant to a wide range of soil conditions but does best on warm, moist, and well drained fertile loamy soils, that provide adequate nutrients.</p> <p>It grows well in the tropical, subtropical and temperate climates.</p>	<p>"Salintuya 1" and "Salintuya II"</p>

Harvest / Post Harvest Info

Post Harvest		Storage
<p>Soybeans can be harvested at moisture levels below 20% but they must be stored at 14% moisture or lower. Harvest losses and damage are high when soybeans are harvested below 12% moisture. Four beans per 900 cm² (per square ft) represent a 70 kg/ha (1 bu/ac) loss.</p>		<p>Safe moisture levels for storage depend on air temperature, volume stored and whether the beans are to be used for processing, feeding or as seed.</p> <p>The effect of seed moisture on storage is complicated by the fact that moisture migrates in the bin. During cool periods, air in the bin adjacent to the outer walls sinks as it cools and warmer air rises through the center of the bin carrying moisture with it.</p>
Other Information		
Market Price (GHC/Kg)	Potential Market	Uses of Soybean
1.40	Agboglobshie Mkt (Accra)	Oil
1.01	Bawku Mkt	Milk
1.05	Kumasi Central Mkt	bakery products
1.01	Tamale Mkt	Meal
1.00	Techiman Mkt	
1.60	Takoradi Mkt	
1.35	Hohoe Mkt	