

SWEET POTATO

Common name: Shakarkand

English name: Sweet Potato

Botanical name: *Ipomoea batata*

Minimum Requirement:

Sweet potatoes shall be –

- firm, fairly clean, fairly well shaped, of uniform size, same origin, variety with same degree of maturity and development characteristics to the variety; and
- free from injury, sprouts, cuts, bruises, scars, black rot, damage caused by pests or other diseases.



Criteria for Range:

S.No	Tradable Parameters	Range-I	Range-II	Range-III
1	Quality	Superior	Very Good	Good
2	Colour, Shape & Size (according to characteristic of the variety)	Uniform	Semi- Uniform	Reasonably Uniform
3	Defects allowed	slight defects in shape or development upto 5% slight skin defects upto 2% damage due to handling-2%	slight defects in shape or development upto 10% slight skin defects upto 5% damage due to handling-5%	slight defects in shape or development upto 15% slight skin defects upto 7% damage due to handling-7% skin healed defects due to mechanical damage, rubbing-4%
4	Range tolerances	5 % of fruits falling in range – '2'	10 % of fruits falling in range – '3'	15 % of fruits with minimum requirements

Note :-A *bruise* is a common skin injury that results in a discoloration of the skin. Scars is mark left on the skin or within body tissue where a wound, burn, or sore has not healed completely and fibrous connective tissue has developed. Black rot, causing large, circular, sunken, dark brown to black spots on the sweet potato surface.

Sampling Plan: (Bags):

5% of the bags or minimum one bag shall be randomly selected for sampling from the lot. The sample collected from each bag should be about 4 nos. of Sweet Potatoes and will be called as primary sample. All primary samples shall be mixed and will be called as Laboratory/Representative Sample. The size of the Laboratory/Representative sample should be at least 12 nos.