

CARROT

Common name: Gaajar

English name: Carrot

Botanical name: *Daucus carota subsp. sativus*

Minimum Requirement:

Carrots shall be-

- firm, clean; fresh, of uniform size, shape, same origin, variety with same degree of maturity and development characteristics to the variety; and
- free from visible foreign matter, foreign smell, abnormal external moisture, fissures, root splitting, forking, sponginess, secondary roots, woodiness and damage caused by pests or low & high temperature.



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	NIL (Green or violet/purple tops are not allowed)	slight skin defects (blemishes, scars, scrapes, scratches, sunspots) not exceeding 5 % of the total surface area.	Healed cracks not reaching the heart; cracks or fissures due to handling or washing. Green or violet/purple tops upto 2 cm. long for carrots not exceeding 10 cm. in length and upto 3 cm. for other carrots, are allowed
4	Range tolerances	5 % of fruits falling in range –'2'	10 % of fruits falling in range – '3'	15 % of fruits with minimum requirements

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 5 nos. of carrots 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 15 nos. of carrots.