

BITTER GOURD

Common Name : Karela

English Name : Bitter Gourd

Botanical Name: *Momordica charantia*

Minimum Requirement:

Bitter gourds shall be -

- whole, fresh, firm , of uniform shape, size , colour characteristics to the variety; and
- free from visible foreign matter, foreign smell, abnormal external moisture and damage caused by the pests or low and 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	slight skin defects (scratches, scars, scraps and blemishes) not to exceed 2% of surface area. The defects must not affect the flesh	slight skin defects (scratches, scars, scraps and blemishes) not to exceed 4% of surface area. The defects must not affect the flesh
4	Range tolerances	5 % of fruits falling in range -'2'	10 % of fruits falling in range -'3'	15 % of fruits with minimum requirements

Note :- Blemishes are marks or areas of discoloration on 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

Sampling Plan: (Bags):

5% of the bags or minimum one bag shall be randomly selected for sampling . The sample collected from each bag should be less than 5 nos. 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/Reference sample should be at least 15 nos.