

GROUNDNUT

Common Name : Moongfali

English Name : Groundnut

Botanical Name: *Arachis hypogaea (L)*

Minimum Requirement:

Groundnut shall be-

- wholesome, mature, clean, dried, uniform in size, shape and quality characteristic to the variety; and
- free from insect & fungus infestation, mould growth, rodent hair and excreta.



Criteria for Range:

S.No	Tradable Parameters		Test Result	Reference Result		
				Range-I	Range- II	Range- III
1	Oil content (% by wt)			47-48	46.0-46.9	45-45.9
2	Moisture (% by wt)			Upto 5	5.1-5.5	5.6-6
3	Foreign matter (% by wt)			Upto 1.0	1.1-2.0	2.1-3.0
4	Damaged pods (% by wt)			Upto 0.5	0.5-1.0	1.1-2.0
5	Shrivelled and Immature pods (% by wt)			Upto 2.0	2.1-3.5	3.6-5.0
6	Pods of other varieties (% by wt)			Upto 1.0	1.1-2.0	2.1-5.0
8	Shelling (Kernel/pods) (% by wt)	Red Natal		74	70	68
		Bold		69	66	62
		Coromondal		70	67	64
		Peanuts		72	69	66
9	Uniformity			More uniform	Slightly less uniform	Less uniform
10	Luster			Normal	Medium	Poor
11	Variety					

12	Packaging material				
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Explanations:

- a) Foreign matter:-It includes husk, straws, weed seeds, other inedible grains, metallic pieces, sand, gravel, dirt, pebbles, stones, lumps of earth, clay, mud and animal filth etc.
- b) "Damaged pods" are those pods that are damaged mechanically or by mould, weevil or any other insect attack or those showing internal discoloration of kernels materially affecting the quality of the pods.
- c) "Shrivelled and immature pods" are those pods which are imperfectly developed.
- d) Uniformity means having similar characteristics mainly regarding the size or weight, and colour.
- e) Admixture :- Presence of inferior varieties shall be considered as admixture.
- f) Variety: that differs from others of the same general kind or of the group to which it belongs.

Sampling Plan: (Bags):

5% of the bags will be sampled from the lot.

Sampling Procedure:

1. The sample size shall be at least 500gm.
2. The entire quantity of oilseeds in bulk shall be divided into a suitable number of sub-lots of approximately equal weight.
3. One gross sample shall be drawn from each from each of the sub-lots so that these will be as many gross samples as the number of sub-lots into which the lot has been divided.
4. Sampling of oilseeds shall be carried out as far as practicable when the material is in motion. In case of oilseeds in the bag, the number of bags to be selected from sub-lot shall be done randomly from different layers.
5. In case of unbagged oilseeds, the sub-lots should be indicated by suitably marking the line of demarcation on the surface of a lot. The surface of each of the sub-lot shall then be leveled and from the various parts randomly chosen from the surface, a minimum of 50 increment shall be drawn with the help of suitable sampling instrument.