

Common Name:

Hindi	English Name	Botanical Name
सूरजमुखी बीज	Sunflower	Helianthus annus (L)

1. Sunflower shall be-

- Clean, wholesome, reasonably uniform in size, shape and colour characteristic to the variety .
- Free from obnoxious smell and fungus infestation.

2. Variety.....(to be filled by assayer)**3. Actual Picture of the lot.....(to be uploaded by assayer)****4. Criteria for Range designation**

S.No.	Tradable parameters	Range-1	Range-2	Range-3
A	Essential			
i	Oil content (% by wt) Min	28.0	25.0	22.0
ii	Moisture(% by wt) Max	4.0	4.5	5.0
iii	Foreign matter(% by wt) Max	2.0	4.0	6.0
iv	Damaged seeds (% by wt) Max	4.0	5.0	6.0
B	Optional (Industrial/Processors)			
i	Admixture	Not more than 2 percent by weight		

5. Sampling:

- 5 % or minimum one container shall be randomly selected for sampling.
- 250g shall be drawn from each selected container and shall be mixed homogenously, called as primary sample.
- 250g shall be drawn from primary sample called as Laboratory sample.

6. Definitions:

- Foreign matter includes husk, straws, weed seeds, other inedible grains, metallic pieces, sand, gravel, dirt, pebbles, stones, lumps of earth, clay, mud and animal filth etc.
- Damaged seeds are sprouted or internally damaged as a result of heat, microbe, moisture or weather and mechanical injury.

Optional parameters are voluntary and may be analyzed as per buyer-seller agreement.