

Common Name:

Hindi	Tamil	Telegu	Marathi	English Name	Botanical Name
सरहगया	Uchellu	Valisalu	खुरसणी बी	Niger Seed	Guizotia abyssinica

1. Niger Seed shall be –

- intact, firm clean, reasonably uniform size & shape, color characteristics to the variety
- free from visible foreign matter, abnormal external moisture, foreign smell

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 Weight) Min	30.0	25.0	20.0
ii	Moisture (% by Weight) Max	7.0	8.0	9.0
iii	Extraneous matter(% by Weight) Max	1.0	2.0	3.5
iv	Broken seeds (Damaged, shriveled, discoloured and immature seed) (% by Weight) Max	3.0	4.0	5.0
v	Insect damaged seed(% by Weight) Max	0.5	0.75	1.0
B	Optional (Industrial/Processor)			
vi	Total of Immature , shriveled, dead , damaged, discolored and slightly damaged seeds	Not more than 5 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:

- Extraneous /Foreign matter:- Includes inorganic and organic matter. The inorganic matter shall include sand, gravel, dirt, pebbles, stones, glass and metallic pieces, lumps of earth, clay and mud. Organic matter shall include husk, chaff, straw, weed seeds and other inedible grains.
- Broken seeds: -Kernels or pieces of kernels that are sprouted or internally damaged as a result of heat, moisture, weather or microbes, discoloured, and immature seed.
- Insect damaged seeds: shall be those seeds which are wholly or partly bored or eaten by the weevils.

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