

Common Name: Foxtail millet, Italian millet, German millet

Hindi	English Name	Botanical Name
कंगनी/ काकुम	Foxtail millet	Setaria italica

1. Foxtail Millet shall be-

- clean, wholesome, reasonably uniform in size having color characteristic to the variety;
- free from obnoxious smell and fungal infestation;
- free from rodent hair and excreta

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	Moisture (% by wt) Max	11.0	12.0	13.0
ii	Immature & Shriveled grains(% by wt) Max	4.0	6.0	8.0
iii	Foreign matter(% by wt) Max	0.2	0.5	1.0
iv	Other edible grains(% by wt) Max	2.0	4.0	6.0
vi	Damaged/Discoloured grains(% by wt) Max	3.0	5.0	7.0
vii	Weevilled Grains (% by count) Max	2.0	3.0	5.0
B	Optional (Industrial/Processors)			
i	Uric Acid ((mg/kg) max)	100		
ii	Aflatoxin (microgram/kg) max	30		

5. Sampling:

- 5 % or minimum one container shall be randomly selected for sampling.
- 500g shall be drawn from each selected container and shall be mixed homogenously, called as primary sample.
- 500g 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.
- Other Edible Grains means any edible grains other than the one which is under consideration;
- Damaged Grains means grains that are sprouted or internally damaged as a result of heat, microbe, moisture or weather and mechanical injury.
- Weevilled grains means grains that are partially or wholly bored by insects injurious to grains but does not include germ eaten grains and egg spotted grains.
- Immature & Shriveled Grains means kernels or pieces of kernels that are not fully developed.

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