

## UNIFORM SPECIFICATION FOR MAIZE

(MARKETING SEASON 2013-2014)

The maize shall be the dried and matured grain of *Zea mays*. It shall have uniform shape and colour. It shall be in sound merchantable condition and also conforming to Food Safety and Standard norms.

Maize shall be sweet, hard, clean, wholesome and free from *Argemone mexicana* and *Lathyrus sativus* (khesari) in any form, colouring matter, moulds weevils, obnoxious smell, admixture of deleterious substances and all other impurities except to the extent indicated in the schedule below:

### SCHEDULE OF SPECIFICATION

| S. No. | Refractions                                      | Maximum Limits (%) |
|--------|--|--------------------|
| 1.     | Foreign matter*                                  | 1.0                |
| 2.     | Other foodgrains                                 | 2.0                |
| 3.     | Damaged grains                                   | 1.5                |
| 4.     | Slightly damaged, discoloured and touched grains | 4.5                |
| 5.     | Shrivelled & Immature grains                     | 3.0                |
| 6.     | Weevilled grains                                 | 1.0                |
| 7.     | Moisture content                                 | 14.0               |

\* Not more than 0.25% by weight shall be mineral matter and not more than 0.10% by weight shall be impurities of animal origin.

#### **N.B.**

1. The definition of the above refractions and method of analysis are to be followed as given in Bureau of Indian Standard 'Method of Analysis for Foodgrains' Nos. IS: 4333 (Part-I): 1996 and IS: 4333 (Part-II): 2002 and 'Terminology for foodgrains' IS: 2813- 1995 as amended from time to time.
2. The method of sampling is to be followed as given in Bureau of Indian Standard 'Method of sampling of cereals and pulses' No. IS: 14818-2000 as amended from time to time.
3. Within the overall limit of 1.0% for foreign matter, the poisonous seeds shall not exceed 0.5% of which Dhatura and Akra Seeds (*Vicia* species) not to exceed 0.025% and 0.2% respectively.
4. The small sized maize grains, if the same are otherwise fully developed, should not be treated as shrivelled and immature grains.

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