

SCHEDULE-VII

(See Rules 3 and 4)

Grade designation and definition of quality of Bajra

Grade designation	Defintion of quality
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Special requirements

Maximum limits of tolerance (per cent by weight)

Moisture	Foreign matter	other	Damaged	Immature	Weevilled
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-----	edible	grains	and	grains
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Organic	Inorgnic	grains	Shrivelled
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Grains

	1	2	3	4	5	6	7	8
Grade-I	12.0	0.10	Nil	1.0	0.5	1.5	1.0	
Grade-II	12.0	0.25	0.10	2.0	1.0	3.0	2.5	
Grade-III	14.0	0.50	0.25	2.5	2.0	5.0	4.0	
Grade-IV	14.0	0.75	0.25	3.0	4.0	8.0	6.0	

General requirements

Bajra shall-

- be the dried mature grains of *Pennisetum typhoideum* Rich;
- be sweet, hard, clean, wholesome, uniform in size, shape, colour and in sound merchantable condition;

- c) be free from added colouring matter, moulds, weevils, obnoxious substances, discolouration, poisonous seeds and all other impurities except to the extent indicated in the schedule;
 - d) Uric acid and aflatoxin shall not exceed 100 miligrams and 30 micrograms per kilogram respectively;
 - e) be free from rodent hair and excreta;
 - f) Comply with the restrictions in regard to pesticides/insecticides residue (Rule 65), poisonous metals (Rule 57), naturally occurring toxic substances (Rule 57-B) and other provisions prescribed under the Prevention of Food Adulteration Rules, 1955 and as amended from time to time.
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Note : (i) In foreign matter, the impurities of animal origin shall not be more than 0.10 per cent by weight.

(ii) Ergot affected grains shall not exceed 0.05 per cent by weight in damaged grains.

Definitions:-

- (1) "Foreign matter" means any extraneous matter than other food grains comprising of
 - (a) "Inorganic matter" includes metallic pieces, dust, sand, gravel, stones, dirt, pebbles, lumps or earth, clay, mud and animal filth etc;
 - (b) "Organic matter" consisting of husk, straws, weeds and other inedible grains etc.
- (2) "Other Edible grains" means any edible grains (including oil seeds) other than the one which is under consideration;
- (3) "Damaged grains" means grains that are sprouted or internally damaged as a result of heat, microbe, moisture or weather viz., ergot affected grains and karnal bunt grains;
- (4) "Immature and shrivelled grains" means grains that are not properly developed;
- (5) "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.
- (6) "Poisonous, toxic and/or harmful seeds" means any seed which if present in quantities above permissible limit may have damaging or dangerous effect on health, organoleptic properties or technological performance such as dhatura (*D.fastuosa* linn and *D. stramonium* linn.) corn cokle (*Agrostemma githago* L. *Machai Lallium remulenum* linn.) Akra (*Vicia* species).

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