

PULSES GRADING AND MARKING RULES 2003

Pulses Grading and Marking Rules i. Shart eppEieäen and commence—eut- (1) These rules may be caned the Pulses Grading and Marking Rules, 2003, (2) They shah apply to whole, husked and unhusked form of purses Urd(Phase02us mungo Linn.), aurues or Phaseolus radiatus Roxb.), Masoor(Lens esculenta Moench or Lens culinaris medik or Ervum lens Linn.), ArharÆur(Cajanus cajan), Kabuli chana(Ciczr arietinum Linn), Chana - Bengai gmm(Cicet arietinum Linn), MatkV aconitifolius), Peastisum arvense), Rajma(Phaseolus vuWis), Lobia(Vigna sinensis). (3) They come iato force from date of their publication in the Offcie! Gazette

2. Definitions.- rules, unless the context otherwise requires,- (a) OAgicultujal Marketing Adviser" means the Agrica:turaf Marketing Adviser to the Government of India:- (b) RAuthorised packer" means a person or a body of persons who has been granted a certificate of authorisafion to grade and mark the pulses in accordance with the grade standards md procedure prescribed under åese nÆes; (c) *Certificate of Authorisation" means a certificate issued under the provisions of the General Grading and Marking Rules; i9S8 authorising a person or a body of personsto grade and mark pulses with grade mark; (d) "Genera! Grading and Marking Rules" means the Genera: Griding and Marking Rules, 1988 made under section 3 ofthe Ag-äcültnl Produce (Grading and Marking) ACC [937 (1 of 1937); (e) "Grade designation mark" means fre Agmark bisignia referred to in rule 5. (t) "Schedule" means aSchedule appended to these rules. 36 Grade designations:- The Grade designations to indicate the quality of pulses shall be ag setout in column 1 ofSchedulg to xyx. d. Quality:- For the purpose Of these rules. fre quality and general requirements of pulses shall be as Sudh given against each grade designation from column 2 to 8 of Schedules - 11, V, Vll, XV, XVII, XVIIE, and from 2 to 9 of Schedules 111, W, VI, Vli, XI, XIV and XVI respectively

5. Grade designate mark:- The grade designation mark shall consist of the desiBi incorporating the Certificate cf number, the word "AGMARKO, name of the commodity and grade designation resembling the one as set out in schedtile-l

6. Method of packing (1) Pulses shall be packed in gunny bags/jute bags, poly Woven bags, poly pouchesy cloth bags or Güier suitable packages which shall be clean, sound, free from insects fungal infestation and the packing material shall beas permitted underthe Prevention of Food Adulteration Rules, 1955.(2) Rises be packed in containers which safeguard die hygienics nutritional* technological and organoleptic qualities of the products. (3) The containers, including packaging material, Shal} be made of substances which are safe and suitable for åeir intended use. They should not impart any toxic substance or undesirable odour or flavour to the product. (4) The net weight of the pulses in a package shall be as per the provision prescribed under the Standards of Weights and Measures (Packaged Commodities) Ruies, 1977. (5) Each package shall contain pulses of the same type and of the same grade designation. (6) Each package shall be securely closed and sealed

7. Method of Marking:- (1) The grade designation mark shall be securely affxed to or printed on each package in a manner approved by the Agricultural Marketing Adviser or an omcer authorised by him on his behalf in accordance with rule ofthe General Grading and Marking Rules, 1988.80 (2) addition to the grade designation mark, marked on each label or package;- (a) Name and address of the packer; (b) Place of packing; (c) Date of packing; (d) Lot/batch number; (e) Net weight; (f) Grade; (g) Maximum retail Price (inclusive of all taxes); (h) Best before month—year • following particulars shall be clearly and indelibly (3) The ink used for marking on packages shall be of such quality which may not contaminate the product, (4) The authorised packer, may, zaar obtaining prior approval of the Agricultural Marketing Adviser or officer authorised by him on his behalf, mark his private trade mark or frade brand on the graded packages provided that the same do not indicate quaiity other than that indicating by the grade designation mark affxed to graded packages in accordance with these rules- 8. Special conditions of certificate of authorisation:- In addition to the conditions specified under the sub- rule (t) ofrule 3 of the Genera} Gradingand Marking Rules, 1938, the following shall be the special conditions ofevery certificate of authorization issued for the purpose of these rules:- (i) The authorised packer shall either set up his own laboratory or have access to an approved grading laboratory for testing of Pulses. (ii) The premises be

maintained in perfect hygienic and sanitary conditions with proper ventilations and lighted arrangement. The personnel engaged in these operations shall be in sound health free from any infectious, contagious or communicable diseases- (iii) The premise shall have adequate storage facilities with pucca floor and be free from rodent and insect infestation. (iv) The authorised shall observe an instructions regarding testing, grading, packing, marking, sealing of packages which may be issued from time to time by the Marketing Adviser or other officer authorised by him in this behalf, SCHEDULE-I (See 5) (Design of INSIGNIA) (picture as depicted page 50 (Schedule 81 Grade Designation Special Standard General SCHEDULE-II (See rules 3 and 4) Grade designation and definition of quality of Urd whole (Black gram) Definition of quality Special Requirements Maximum limits of tolerance (per cent by weight) Moisture 2 10.0 12.0 14.0 Foreign matter Or in 3 0.10 0.50 0.75 Inorganic 4 Nil 0.10 0.25 Other edible grains 0.1 0.5 3.0 Damaged Grains 6 0.5 2.0 Weevilled grains per cent by count 7 2.0 4.0 6.0 Note.-In foreign matter, the impurities of animal origin shall not be more than 0.10 per cent by weight. Urd whole shall General Requirements 8 (a) (b) (c) (d) (e) (f) (g) be the dried mature seeds of Pulse (*Phaseolus mungo* Linn.); be sweet, clean, wholesome, uniform in size, shape, colour and in sound merchantable conditions; be free from living and dead insects, fungus infestation, added colouring matter, moulds, obnoxious smell, discolouration; be free from rodent hair and excreta; be free from toxic or noxious seeds viz. *Crotalaria* (*Crotalaria* spp.), Corn cockle (*Agrostemma githago* L.), Castor bean (*Ricinus communis* L.), Jimson weed (*Datura* spp.), *Argemone mexicana*, Khesari and other seeds that are commonly recognized as harmful to health; Uric acid and Aflatoxin shall not exceed 100 milligrams and 30 micrograms per kilogram respectively; Comply With the restrictions in regard to poisonous metals (rule-57), crop contaminants (rule 57-A), naturally occurring toxic substances (rule 57-B), use of insecticides (rule-65) and other provisions prescribed under the Prevention of Food Adulteration Rules, 1955, as amended from time to time. 82 Grade Designation Special Standard General SCHEDULE-III (See rules 3 and 4) Grade designation and definition of quality Of Urd split (husked) Definition of quality Special Requirements Maximum limits of tolerance (per cent by weight) Moisture 2 10.0 12.0 14.0 Foreign matter Or in 3 0.10 0.50 0.75 inorganic 4 Nil 0.10 0.25 Other edible grains 5 0.1 3.0 Damaged Grains 6 5.0 Broken and Fragments grains 7 5.0 Weevilled grains per cent by count 8 3.0 Note.- In foreign matter, the impurities of animal origin shall not be more than 0.10 per cent by weight.. Urd Split (husked) shall — General Requirements 9 (a) (b) (c) (d) (e) (f) (g) Consist of husked and split seeds Of Pulse (*Phaseolus mungo* Linn.); be sweet, clean, wholesome, uniform in size, shape, colour and in sound merchantable conditions; be free from living and dead insects, fungus infestation, added colouring matter, moulds, obnoxious smell, discolouration; be free from rodent hair and excreta; be free from toxic or noxious seeds viz. *Crotalaria* (*Crotalaria* spp.), Corn cockle (*Agrostemma githago* L.), Castor bean (*Ricinus communis* L.), Jimson weed (*Datura* spp.), *Argemone mexicana*, Khesari and Other seeds that are commonly recognized as harmful to health; Uric acid and Aflatoxin shall not exceed, 100 milligrams and 30 micrograms per kilogram respectively; Comply with the restrictions in regard to poisonous metals (rule-57), crop contaminants (rule 57-A), naturally occurring toxic substances (rule 57-B), use of insecticides (rule-65) and other provisions prescribed under the Prevention of Food Adulteration Rules, 1955, as amended from time to time, 83 Grade Designation Special Standard General SCHEDULE-IV (See rules 3 and 4) Grade designation and definition of quality Of Urd split (unhusked) Definition of quality Special Requirements Maximum limits of tolerance (per cent by weight) Moisture 2 10.0 12.0 14.0 Foreign matter Or in 3 0.10 0.50 0.75 Inorganic 4 Nil 0.10 0.25 Other edible grains 5 0.1 0.5 3.0 Damaged Grains 6 0.5 2.0 5.0 Broken and Fragments grains 7 2.0 4.0 6.0 Weevilled grains per cent by count 8 1.0 2.0 3.0 Note.- In foreign matter, the impurities of animal origin shall not be more than 0.20 per cent by weight.. Urd Split (unhusked) shall General Requirements 9 (a) (b) (c) (d) (e) (f) (g) Consist of unhusked and split seeds of Pulse (*Phaseolus mungo* Linn.); be sweet, clean, wholesome, uniform in size, shape, colour and in sound merchantable conditions; be free from living and dead insects, fungus infestation, added colouring matter, moulds, obnoxious smell; discolouration; be free from rodent hair excreta; be free from toxic or noxious seeds viz. *Crotalaria* (*Crotalaria* spp.), Corn cockle (*Agrostemma githago* L.), Castor bean (*Ricinus communis* L.), Jimson weed (*Datura* spp.), *Argemone mexicana*, Khesari and other seeds that are commonly recognized as harmful to health; Uric acid and Aflatoxin shall not exceed 100 milligrams and 30 micrograms per kilogram respectively; (g) Comply with the restrictions in regard to poisonous metals (rule-57), crop contaminants (rule 57-A) naturally occurring toxic substances (rule 57-B), use of insecticides (rule-65), and other provisions prescribed under the Prevention of Food Adulteration Rules,

1955, as amended from time to time, 84 SCHEDULE-V (See rules 3 and 4) Grade designation and definition of quality of Moong (whole) Definition of quality Designation Special Requirements Maximum limits of tolerance (per cent by weight) Moisture 2 10.0 12.0 Foreign matter 3 0.10 0.50 Other edible grains 4 0.10 0.25 Damaged Grains 5 0.5 2.0 Weevilled grains per cent by count 6 2.0 4.0 6.0 Note.- In foreign matter, the impurities of animal origin shall not be more than 0.10 per cent by weight.. General Requirements 8 Moong whole (a) be tied mature seeds of Pulse green gram (*Phaseolus aureus* Roxb. or *Phaseolus radiatus* Roxb.); (b) be sweet, clean, wholesome, uniform in size, shape, and in sound merchantable conditions; (c) (d) (e) (f) (g) be free from living and dead insects, fungus infestation, added colouring matter, moulds, obnoxious smell, discoloration; be free from rodent hair and excreta; be free from toxic or noxious seeds viz. *Crotalaria* (*Crotalaria* spp.), Corn cockle (*Agrostemma githago* L.), Castor bean (*Ricinus communis* L.), Jimson weed (*Datura* spp.), *Argemone mexicana*, Khesari and other seeds that are commonly recognized as harmful to health; Uric acid and Aflatoxin shall not exceed 100 milligrams and 30 micrograms per kilogram respectively; Comply with the restrictions in regard to poisonous metals (rule-57), crop contaminants (rule 57-A), naturally occurring toxic substances (rule 57-B), use of insecticides (rule-65), and other provisions prescribed under the Prevention of Food Adulteration Rules, 1955, as amended from time to time. 85 Grade Designation Special Standard General Or 3 0.10 0.50 0.75 Inorganic 4 Nil 0.10 0.25 Other edible grains 5 0.1 0.5 3.0 Damaged Grains 6 0.5 2.0 5.0 Broken grains 7 1.0 3.0 6.0 Weevilled grains per cent by count 1.0 2.0 3.0 Note.- In foreign matter, the impurities of animal origin shall not be more than 0.10 per cent by weight., General Requirements 9 Moong Split (husked) shall (a) (b) (c) (d) (e) (f) (g) Consist of husked and split seeds of Pulse green gram (*Phaseolus aureus* Rub. or *Phaseolus radiatus* Roxb.); be sweet, clean, wholesome, uniform in size, shape, colour and in sound merchantable conditions; be free from living and dead insects, fungus infestation, added colouring matter, moulds, obnoxious smell, discoloration; be free from rodent hair and excreta; be free from toxic or noxious seeds viz *Crotalaria* (*Crotalaria* spp.), Corn cockle (*Agrostemma githago* L.), Castor bean (*Ricinus communis* L.), Jimson weed (*Datura* spp.), *Argemone mexicana*, Khesari and other seeds that are commonly recognized as harmful to health; Uric acid and Aflatoxin shall not exceed 100 milligrams and 30 micrograms per kilogram respectively; Comply with the restrictions in regard to poisonous metals (rule-57), crop contaminants (rule 57-A), naturally occurring toxic substances (rule 57-B), use of insecticides (rule-65) and other provisions prescribed under the Prevention of Food Adulteration Rules, 1955, as amended from time to time. 86 SCHEDULE-VII (See rules 3 and 4) Grade designation and definition of quality of Moong split (unhusked) Grade Definition of quality Designation Special Requirements Maximum limits of tolerance (per cent by weight) Moisture 2 10.0 12.0 14.0 Foreign matter Other Damaged edible Grains Special Standard General Or 3 0.10 0.50 0.75 Inorganic 4 Nil 0.10 0.25 5 0.5 3.0 6 2.0 5.0 Broken and Fragments 7 2.0 5.0 Weevilled grains per cent by count 1.0 2.0 3.0 Note.-In foreign matter, the impurities of animal origin shall not be more than 0.10 per cent by weight.. General Requirements 9 Moong split (unhusked) shall (a) consist of unhusked and split seeds of Pulse green gram (*Phaseolus aureus* Roxb. or *Phaseolus radiatus* Roxb.); (b) be sweet, clean, wholesome, uniform in size, shape, colour and in sound merchantable conditions; (c) be free from living and dead insects, fungus infestation, added colouring matter, moulds, obnoxious smell, discoloration; (d) be free from rodent hair and excreta; (e) be free from toxic or noxious seeds viz. *Crotalaria* (*Crotalaria* spp.), Corn cockle (*Agrostemma githago* L.), Castor bean (*Ricinus communis* L.), Jimson weed (*Datura* spp.), *Argemone mexicana*, Khesari and other seeds that are commonly recognized as harmful to health; (f) Uric acid and Aflatoxin shall not exceed 100 milligrams and 30 micrograms per kilogram respectively; (g) the restrictions in regard to poisonous metals (rule-57), crop contaminants (rule 57-A), naturally occurring toxic substances (rule 57-B), use of insecticides (rule-65) and other provisions prescribed under the Prevention of Food Adulteration Rules, 1955, as amended from time to time. 87 SCHEDULE-VIII (See rules 3 and 4) Grade designation and definition of quality of Masoor (Lentil) Grade Definition of quality Designation Special Requirements Maximum limits of tolerance (per cent by weight) Moisture 2 10.0 12.0 14.0 Foreign matter Other edible Damaged Special Standard General Or 3 0.10 0.50 0.75 Inorganic 4 Nil 0.25 grains 5 0.1 0.5 3.0 Grains 6 0.5 2.0 5.0 Weevilled grains per cent by count 7 2.0 4.0 6.0 Note.- In foreign matter, the impurities of animal origin shall not be more than 0.10 per cent by weight., General

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micrograms per kilogram respectively; (g) Comply with the restrictions in regard to poisonous metals (rule-57), crop contaminants (rule 57-A), naturally occurring toxic substances (rule 57-B), use of insecticides (rule-65) and provisions prescribed under the Prevention of Food Adulteration Rules, 1955, as amended from time to time.

91. 7 Grade Designation 1 Special Standard General SCHEDULE-XII (See rules 3 and 4) Grade designation and definition of quality of Kabuli Chana Definition of quality Special Requirements Maximum limits of tolerance (per cent by weight) Moisture 2 10.0 12.0 16.0 Foreign matter Inorganic 3 0.10 0.50 0.75 Inorganic 4 Nil 0.10 0.25 Other edible grains 5 0.5 2.0 4.0 Damaged Grains 6 0.5 2.0 5.0 Weevilled grains per cent by count 7 3.0 6.0 10.0 Note.- In foreign matter, the impurities of animal origin shall not be more than 10 per cent by weight., Kabuli Chana shall General Requirements (a) be the dried grains of gram (*Cicer arietinum* Linn); (b) (d) (e) (f) (g) be sweet, clean, wholesome, uniform in size, shape, colour and in sound merchantable conditions; be free from living and dead insects, fungus infestation, added colouring matter, moulds, obnoxious smell, discolouration; be free from rodent hair and excreta; be free from toxic or noxious seeds viz. *Crotalaria* (*Crotalaria* spp.), Corn cockle (*Agrostemma githago* L.), Castor bean (*Ricinus communis* L.), Jimson weed (*Datura* spp.), *Argemone mexicana*, Khesari and other seeds that are commonly recognized as harmful to health; Uric acid and Aflatoxin shall not exceed 100 milligrams and 30 micrograms per kilogram respectively; Comply with the restrictions in regard to poisonous metals (rule-57), crop contaminants (rule 57-A), naturally occurring toxic (rule 57-B), use of insecticides (rule-65) and other provisions prescribed under the Prevention of Food Adulteration Rules, 1955, as amended from time to time.

92 Designation Special Standard General SCHEDULE-XIN (See rules 3 and 4) Grade designation and definition of quality of Chana whole (Bengal gram) Definition of quality Special Requirements Maximum limits of tolerance (per cent by weight) Moisture 2 10.0 12.0 16.0 Foreign matter Organic 3 0.10 0.50 0.75 Inorganic 4 Nil 0.25 Other edible grains 5 2.0 4.0 Damaged Grains 6 0.5 2.0 Weevilled grains per cent by count 7 3.0 6.0 10.0 Note.- (a) foreign matter, the impurities of animal origin shall not be 0.70 per cent by weight., Requirements Chana whole gram shall (a) (b) (d) (e) (i) (g) be the dried and grains of gram (*Cicer arietinum* Linn.), be sweet, clean, wholesome, uniform in size, shape, and in sound merchantable conditions; be free from living and dead insects, fungus infestation, added colouring matter, noxious obnoxious smells discolouration; be free from rodent hair and excreta; be free from toxic noxious seeds viz. *Crotalaria* (*Crotalaria* spp.), Corn cockle (*Agrostemma githago* L.), Castor bean (*Ricinus communis* L.), Jimson weed (*Datura* spp.), *Argemone mexicana*, Khesari and other seeds that are commonly recognized as harmful to health; Uric acid and Aflatoxin shall not exceed 100 milligrams and 30 micrograms per kilogram respectively; Comply with the restrictions in regard to poisonous metals (rule-57), crop contaminants (rule 57-A), naturally occurring toxic substances (rule 57-B), use of insecticides (rule-65) and other provisions prescribed under the Prevention of Food Adulteration Rules, 1955, as amended from time to time.

93 SCHEDULE-XIV (See rules 3 and 4) Grade designation and definition of quality of Chana split (husked)/Dal chana Grade Designation Moisture Definition of quality Special Requirements Maximum limits of tolerance (per cent by weight) Foreign matter Organic 3 0.10 0.50 0.75 Inorganic 4 Nil 0.10 0.25 Other edible grains 5 0.5 1.0 2.0 Damaged 6 0.5 2.0 5.0 Broken grains 7 0.5 2.0 5.0 Weevilled grains per cent by count 8 1.0 2.0 3.0 Note-- In foreign matter, the impurities of animal origin shall not be more than 0.10 per cent by weight. General Requirements 9 Chana Split (husked) 'Dal chana shall — (a) consist of husked and split grains of gram (*Cicer arietinum* Linn.); (b) be sweet, clean, wholesome, uniform in size, shape, colour and in sound merchantable conditions; (c) be free from living and dead insects, fungus infestation, added colouring matter, moulds, obnoxious smell, discolouration; (d) be free from rodent hair and excreta; (e) be free from toxic or noxious seeds viz. (*Crotalaria* spp.), Corn cockle (*Agrostemma githago* L.), Castor bean (*Ricinus communis* L.), Jimson weed (*Datura* spp.), *Argemone mexicana*, Khesari and other seeds that are commonly recognized as harmful to health; (f) Uric acid and Aflatoxin shall not exceed, 100 milligrams and 30 micrograms per kilogram respectively; (g) Comply with the restrictions in regard to poisonous metals (rule-57), crop contaminants (rule 57-A), naturally occurring toxic substances (rule 57-B), use of insecticides (rule-65) and other provisions prescribed under the Prevention of Food Adulteration Rules, 1955, as amended from time to time.

94 Grade Designation Special Standard General SCHEDULE-XV (See rules 3 and 4) Grade designation and definition of quality of Matar (whole) Definition of quality Special Requirements Maximum limits of tolerance (per cent by weight) Moisture 2 10.0 12.0 14.0 Foreign matter Organic 3 0.10 0.50 0.75 Inorganic 4 0.10 0.25 Other edible grains 5 1.0 3.0 Damaged Grains

6 1.0 3.0 5.0 Weevilled grains per cent by count 7 5.0 10.0 Note.- In foreign matter, the impurities of animal origin shall not be more than 0.10 per cent by weight.. General Requirements Matki/Moth (whole) shall — (a) (b) (c) (d) (e) be the dried mature seeds of Pulse (*Phaseolus aconitifolius*); be sweet, clean, wholesome, uniform in size, shape, colour and in sound merchantable conditions; be free from living and dead insects, fungus infestation, added colouring matter, moulds, obnoxious smell, discolouration; free from rodent hair and excreta; be free from toxic or noxious seeds viz. *Crotalaria* (*Crotolaria* spp.), Corn cockle (*Agrostemma githago* L.) Castor bean (*Ricinus communis* L.) Jimson weed (*Datura* spp.), *Argemone mexicana*, Khesari and other seeds that are commonly recognized as harmful to health; Uric acid and Aflatoxin not exceed milligrams and 30 micrograms per kilogram respectively; (g) Comply with the restrictions in regard to poisonous metals (rule-57), crop contaminants (rule 57-A), naturally occurring toxic substances (rule 57-B), use of insecticides (rule-65) and other provisions prescribed under the Prevention of Food Adulteration Rules, 1955, as amended from time to time. 95 Grade Designation 1 Special Standard General Moisture 2 10.0 12.0 14.0 Foreign matter 3 0.75 0.10 0.25 Other 3.0 0.0 Damaged Grains 0.5 1.0 3.0 Broken grains 2.0 3.0 5.0 Weevilled grains per cent by count 8 3.0 5.0 10.0 Note.- In foreign matter, the impurities of animal origin shall not be more than 0.10 per cent by weight.. General Requirements 9 Matki/Moth (husked) shall — (a) Consist of husked and split seeds of Pulse (*Phaseolus aconitifolius*); (b) be sweet, clean, wholesome, uniform in size, shape, colour and in sound merchantable conditions; (c) be free from living and dead insects, fungus infestation, added colouring matter, moulds, obnoxious smell, discolouration; (d) be free from rodent hair and excreta; (e) be free from toxic or noxious seeds viz. *Crotalaria* (*Crotolaria* spp.), Corn cockle (*Agrostemma githago* L.), Castor bean (*Ricinus communis* L.) Jimson weed (*Datura* spp.) *Argemone mexicana*, Khesari and other seeds that are commonly recognized as harmful to health; (f) Uric acid and Aflatoxin shall not exceed milligrams and 30 micrograms per kilogram respectively; (g) Comply with the restrictions in regard to poisonous metals (rule-57), crop contaminants (rule 57-A), naturally occurring toxic substances (rule 57-B), use of insecticides (rule-65) and other provisions prescribed under the Prevention of Food Adulteration Rules, 1955, as amended from time to time. 96 Grade Designation Moisture SCHEDULE-XVII (See rules 3 and 4) Grade designation and definition of quality of Peas (whole) Definition of quality Special Requirements Maximum limits of tolerance (per cent by weight) Other edible Foreign matter grains Special Standard General Moisture 2 10.0 12.0 14.0 Foreign matter 3 0.10 0.50 0.75 Inorganic Nil 0.10 0.25 0.5 2.0 4.0 Damaged Grains 6 0.5 2.0 5.0 Weevilled grains per cent by count 3.0 6.0 10.0 Note.- In foreign matter, the impurities of animal origin shall not be more than 0.10 per cent by weight.. General Requirements 3 Peas (whole) shall — (a) be the dried and mature seeds of *Pisum arvense*; (b) be sweet, clean, wholesome, uniform in size, shape, colour and in sound merchantable conditions; (c) be free from living and dead insects, fungus infestation, added colouring matter, moulds, obnoxious smell; discolouration; (d) be free from rodent hair and excreta; (e) be free from toxic or noxious seeds viz. *Crotalaria* (*Crotolaria* spp.), Corn cockle (*Agrostemma githago* L.) Castor bean (*Ricinus communis* L.), Jimson weed (*Datura* spp.), *Argemone mexicana*, khesari and other seeds that are commonly recognized as harmful to health; (f) Uric acid and Aflatoxin shall not exceed 100 milligrams and 30 micrograms per kilogram respectively; (g) Comply with the restrictions in regard to poisonous metals (rule-57), crop contaminants (rule 57-A), naturally occurring toxic substances (rule 57-B), use of insecticides (rule-65) and other provisions prescribed under the Prevention of Food Adulteration Rules, 1955, as amended from time to time. 97 SCHEDULE-XVIII (See rules 3 and 4) Grade designation and definition of quality Designation Special Requirements Maximum limits of tolerance (per cent by weight) 1 Special Standard General Moisture 2 10.0 12.0 14.0 Foreign matter 3 0.75 0.10 0.25 Other edible grains Nil 2.0 Damaged Grains 6 2.0 4.0 Weevilled grains per cent by count 7 2.0 6.0 10.0 Note.- In foreign matter, the impurities of animal origin shall not be more than 0.10 per cent by weight. General Requirements 8 Rajma shall (a) (b) (c) (d) (e) (f) (g) be the dried and mature seeds of *Phaseolus vulgaris*; be sweet, clean, wholesome, uniform in size, shape, colour and in sound merchantable conditions; be free from living and dead insects, fungus infestation, added colouring matter, moulds, obnoxious smell, discolouration; be free from rodent hair and excreta; be free from toxic or noxious seeds viz. *Crotalaria* (*Crotolaria* spp.), Corn cockle (*Agrostemma githago* L.) Castor bean (*Ricinus communis* L.), Jimson weed (*Datura* spp.), *Argemone mexicana*, Khesari and seeds that are commonly recognized as harmful to health; Uric acid and Aflatoxin

shall not exceed 100 milligrams and 30 micrograms per kilogram respectively, Comply with the restrictions in regard to poisonous metals (rule-57), crop contaminants (rule 57-A), naturally occurring toxic substances (rule 57-B), use of insecticides (rule-65) and other provisions prescribed under the Prevention of Food Adulteration Rules, 1955, as amended from time to time. 98 SCHEDULE-XIX (See rules 3 and 4) Grade designation and definition of quality of *Lobia* Definition of quality Designation Special Requirements Maximum limits of tolerance (per cent by weight) Standard General Moisture 2 10.0 12.0 14.0 Foreign matter Or in 3 0.10 0.50 0.75 Inorganic 4 Nil 0.10 0.25 Other edible grains 5 Nil 2.0 6.0 Damaged Grains 6 2.0 4.0 5.0 grains per cent by count 7 2.0 6.0 10.0 Note.—In matter, the impurities of animal origin shall not be more than 0.10 per cent by weight., General Requirements 8 *Lobia* shall — (a) be the dried and mature seeds of *Vigna sinensis*; (b) be sweet, clean, wholesome, uniform in size, shape, colour and in sound merchantable conditions; (c) be free from living and dead insects, fungus infestation, added colouring matter, moulds, obnoxious smell, discolouration; (d) be free from rodent hair and excreta; (e) be free from toxic or noxious seeds viz. *Crotalaria* (*Crotalaria* spp.), Corn cockle (*Agrostemma githago* L.), Castor bean (*Ricinus communis* L.) Jimson weed (*Datura* spp.), Argemone mexicana, Khesari and Other seeds that are commonly recognized as harmful to health; (f) Uric acid and Aflatoxin shall not exceed 100 milligrams and 30 micrograms per kilogram respectively; (g) Comply with the restrictions in regard to poisonous metals (rule-57), crop contaminants (rule 57-A), naturally occurring toxic substances (rule 57-B), use of insecticide (rule-65) and other provisions prescribed under the Prevention of Food Adulteration Rules, 1955, as amended from time to time. EXPLANATIONS.— For the purpose of these rules, — "foreign matter" means any extraneous matter other than food grains comprising of; "Inorganic matter" includes metallic pieces, dust, sand, gravel, stones, dirt, pebbles, lumps of earth, (a) clay & mud and animal filth etc.; (b) matter" consisting of husk, straws, weeds, and other inedible grains; "other edible grains" means any edible grains (including oil seeds) other than the one which is under consideration; (2) "damaged grains" means grains that are sprouted or internally damaged as a result of heat, microbe, moisture or (3) weather viz., ergot affected grains and karnal bunt grains; "broken grains" includes pieces below 3/4 and above 1/4 of the full size splits. (4) "broken and fragments" includes pieces below 1/4 of the full size splits. (5) "weevil-eaten grains" means grains weakened by insects injurious to grains but does not include (6) mottled grains Mid egg spotted grains. (7) "poisonous, toxic and/or harmful seeds" means any seeds which if present may have damaging or dangerous effect on health, or on the nutritive properties or technological performance such as *Datura* (*D. fastuosa* Linn and *D. stramonium* Linn.) Corn cockle (*Agrostemma githago* L. Machai *Lallium remulenum* Linn.) Akra (*Vicia* species). Note: (i) Published in the Gazette of India, Part-11, Section 3, sub-section (i) on dated 17.04.2004 vide GSR 129 dated 7.4.2004 99