

**FENNEL (WHOLE AND GROUND), FENUGREEK (WHOLE AND GROUND) AND CELERY SEEDS (WHOLE) (GRADING AND MARKING) RULES, 1967**

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**FENNEL (WHOLE AND GROUND), FENUGREEK (WHOLE AND GROUND) AND CELERY SEEDS (WHOLE) (GRADING AND MARKING) RULES, 1967**

FENNEL (WHOLE AND GROUND), FENUGREEK (WHOLE AND GROUND) AND CELERY SEEDS (WHOLE) (GRADING AND MARKING) RULES, 1967

**1. Short title and application :-**

(1) These rules may be called the Fennel (Whole and Ground), Fenugreek (Whole and Ground) and Celery Seeds (Whole) (Grading and Marking) Rules, 1967.

(2) They shall apply to the Fennel (Whole and Ground) (*Foeniculum Vulgare* Mill), Fenugreek (Whole and Ground) (*Trigonella foenum-graecum* L.) and Celery Seed (Whole) (*Apium graveolens* L.) grown in India.

**2. Definitions :-**

In these rules,-

(1) "Agricultural Marketing Adviser" means the Agricultural Marketing Adviser to the Government of India.

(2) "Schedule" means a Schedule appended to these rules.

### **3. Grade designations :-**

Grade designations to indicate the quality of the seed shall be as set out in column 1 of Schedules II to VI.

### **4. Definition of quality :-**

The quality indicated by the respective grade designations and general characteristics shall be as set out against each grade designation in columns (2) to (6) and (7) of Schedule II, columns (2) to (4) and (5) of Schedules III and V, columns (2) to (5) and (6) respectively of Schedule IV and columns (2) to (3) and (4) of Schedule VI respectively.

### **5. Grade designation marks :-**

(i) The grade designation marks in the case of Fennel (Whole and Ground) or Fenugreek (Whole and Ground) or Celery Seed (Whole) packed in polythene and/or paper bags shall consist of a design incorporating the number of Certificate of Authorisation, the word "AGMARK" and the grade approved by the Agricultural Marketing Adviser.

(ii) The grade designation mark in the case of Fennel (Ground) or Fenugreek (Ground), packed in tins or glass bottles shall consist of a paste-on label, specifying the grade designation and bearing the design consisting of an outline map of India with the word "Agmark".

(iii) The grade designation mark in the case of Fennel Seeds (Whole and Ground) or Fenugreek (Whole and Ground) or Celery Seeds (Whole) packed in containers of jute or cloth as well in containers in which sealed polythene bags of graded Fennel (Whole and Ground) or Fenugreek (Whole and Ground) or Celery Seeds (Whole) are packed shall consist of a label, specifying the grade designation and bearing the design (consisting of an outline map of India with the word "Agmark" and the figure of the rising sun, with the "Produce of India" and "resembling the one as set out in Schedule 1.

### **6. Method of marking :-**

(1) The grade designation mark shall be securely affixed to or printed on each container in a manner approved by the Agricultural Marketing Adviser.

(2) In addition to the above, the following particulars shall also be clearly and indelibly marked on each container :

(i) Date of packing in code or plain letters.

(ii) Lot number.

(iii) Net weight.

(3) An authorised packer may, after obtaining the prior approval of the Agricultural Marketing Adviser, mark his private trade mark on a container, in a manner approved by the said officer provided that the private trade mark does not represent a quality or grade different from what is indicated by the grade designation mark affixed to the container in accordance with these rules.

**7. Method of packing :-**

(1) Only sound, clean and dry containers made of jute, cloth, paper or polythene shall be used for packing. They shall be free from any insect infestation or fungus contamination and also free from any undesirable smell.

(2) The containers shall be securely closed and sealed in a manner approved by the Agricultural Marketing Adviser.

(3) Each package shall contain fennel (Whole and Ground) or Fenugreek (Whole and Ground) or Celery Seeds (Whole) of one grade designation only.

**8. Special conditions of certificate of authorisation :-**

In addition to the conditions specified in rule 4 of the General Grading and Marking Rules, 1937, the following special conditions shall be observed by packers to the satisfaction of the Agricultural Marketing Adviser:

(i) An authorised packer shall make such arrangements for testing Fennel (Whole and Ground) or Fenugreek (Whole and Ground) or Celery (Whole) as may be prescribed from time to time by the Agricultural Marketing Adviser.

(ii) An authorised packer shall provide all facilities as may be necessary to the Inspecting Officer, duly authorised by the Agricultural Marketing Adviser in this behalf.

SCHEDULE 1

SCHEDULE I

(See rule 5) □
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SCHEDULE 2

SCHEDULE II

(See rule 3 and rule 4) Grade designations and definitions of quality of Fennel Seeds (Saunf)						
Grade designation	Special characteristics					General characteristics
	Inorga	Organic	Damaged	Shrivel	Moisture	
	nic ex	extrane	blakened	led and	(percentage	
	traneous	ous mat	and insect	immature	by weight	

	matter (per centage)	ter (per centage)	bored seeds (per centage)	seeds (per centage by weight)	maximum)	
	tage by weight	by weight maximum)	centage by weight maximum)	weight maximum)		
	maximum)		maximum)			
1	2	3	4	5	6	7
Special .	0.25	15	15	2.0	10.0	Fennel seeds shall
Good .	OS	15	4.0	4.0	10.0	(a) be the dried fruits
Fair	1.5	3.5	6.0	6.0	10.0	of the plant botanically known
						Feo-
						niculum vulgarc,
						Mill;
						(b) be free from visible mould, live insects, any harmful foreign matter and musty odour;
						(c) generally conform to the characteristic size, colour, taste and aroma of the variety/type.

**DEFINITIONS :**

1. 'Inorganic extraneous matter' means dust, dirt, stones, earth or any other inorganic foreign

matter.

2. 'Organic extraneous matter' means chaff, stalks, stems, straw, other seeds or any other organic

foreign matter.

3. 'Damaged and blackened seeds' are those fruits which are damaged or blackened materially

affecting the quality.

4. 'Insect bored seeds' are those fruits which are partially or wholly bored or eaten by weeviles or

other insects.

5. 'Shrivelled and immature seeds' are those fruits which are not properly developed.

SCHEDULE 3  
SCHEDULE III

(See rule 3 and rule 4)

Special Characteristics					
Grade					General characteristics
Designation	Moisture	Total Ash	Acid insoluble ash	Volatile Oil	
	(per cent)	(per cent)	(per cent)	(per cent)	
	by weight	by weight	by weight	(minimum)	
	(maximum)	(maximum)	(maximum)	(V/W)	
1	2	3	4	5	6
Standard	12.0	9.0	2.0	1.0	Fennel powder shall be the material obtained by grinding the dried, ripe, clean and sound fennel fruits of <i>Foeniculum vulgare</i> , MILL.II shall be free from admixture from mould growth, insect infestation or musty odour. It shall be free from coarse particles and ground to such a fineness that the whole of it passes through a 500-micron sieve.

SCHEDULE 4  
SCHEDULE IV

(See rule 3 and rule 4)

Grade designations and definition of quality of Fenugreek seeds (Methi)					
Grade designations	Special characteristics				General characteristics
	Extraneous matter	Damaged and insect bored seeds	Shrivelled and immature seeds	Moisture	
	(per cent)	(percentage)	(percentage)	(per cent)	
	by weight	by weight	by weight	by weight	
	maximum	maximum	maximum	maximum	
1	2	3	4	5	6
Special	1.00	0.5	1.5	10.0	Fenugreek seeds shall:
Good	2.00	1.00	3.0	10.0	(a) be the dried mature

Fair	4.00	15	5.0	10.0	seeds of the plant botanically known
					as <i>Trigonelle foenum-graecum</i> L,
					(b) be free from visible
					mould, live insects, any
					harmful foreign matter
					and musty odour;
					(c) generally conform to the
					characteristic size, shape,
					colour, taste and aroma
					of the variety/type.

**DEFINITIONS:**

1. 'Extraneous matter' means dust, dirt, stones, earth, chaff, stalks, stems, straw or any other foreign matter.

2. 'Damaged and blackened seeds' are those seeds which are damaged or blackened materially affecting the quality.

3. 'Insect bored seeds' are those seeds which are partially or wholly bored or eaten by weeviles or other insects.

4. 'Shrivelled and immature seeds' are those seeds which are not properly developed.

**SCHEDULE 5**

**SCHEDULE V**

(See rule 3 and rule 4)

Grade designation and definition of quality of Fenugreek powder					
Grade Designation	Special Characteristics				General characteristics
	Moisture	Total	Acid insoluble	Total cold	
	per cent	Ash per cent	ash, per cent	water soluble	
	by weight	by weight	by weight	extract	
	(maximum)	(maximum)	(maximum)	percentage	
				(minimum)	
1	2	3	4	5	6
Standard	10.0	7.0	2.0	30.0	Fenugreek powder shall be the
					material obtained by
					grinding the dried, ripe,

					clean and sound fenugreek
1	2	3	4	5	6
					seeds of Trigonalla
					foenumgraecum L. It shall
					be free from admixture
					free from mould growth,
					insect, infestation or musty
					odour. It shall be free from
					coarse particles and ground
					to such a fineness that the
					whole of it passes through
					a 500-micron sieve.]

**DEFINITION :**

'Extraneous matter" means dust, dirt, stones, earth, chaff, stalks, stems, straw or any other foreign matter.

'NOTE. Special grade shall be free from rodent filth and bird and animal excreta.

**SCHEDULE 6**

**SCHEDULE VI**

(See rule 3 and rule 4)

Grade designations and definition of quality of Celery seeds			
Grade designation	Special characteristics		
	Extraneous matter (percentage by weight-maximum)	Moisture (percentage by weight-maximum)	
1	2	3	4
Special	1.0	10.0	Celery seeds shall:
Good . . .	3.0	10.0	(a) be the dried nature fruits of the plant botanically known as
Fair - . -	5.0	10.0	Apium graveolens L;
			(b) be free from visible mould, live or dead
			insects, any harmful foreign matter and
			musty odour;
			(c) generally conform to the characteristic

		size, shape, colour, taste and aroma of the variety/type.
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DEFINITION :

"Extraneous matter" means dust, dirt, stone, earth, chaff, stalks, stems, straw or any other foreign matter.

NOTE. Special grade shall be free from rodent filth and bird and animal excreta.