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# WATER CHESTNUTS (GRADING AND MARKING) RULES, 1964

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# WATER CHESTNUTS (GRADING AND MARKING) RULES, 1964

In exercise of the powers conferred by Section 3 of the Agricultural Produce (Grading and Marking) Act, 1937 (1 of 1937), the Central Government hereby makes the following rules, the same having been previously published as required by the said section, namely:

#### 1. Short title and Application :-

- (1) These rules may be called the Wate Chestnuts (Grading and Marking) Rules, 1964.
- (2) They shall apply to water chestnuts (Tropg bispinosa) produced in India. (Singhara)

#### 2. Definitions :-

- (1) In these rules,
- (a) "Agricultural Marketing Adviser" means the Agricultural Marketing Adviser to the Government of India.
- (b) 'Schedule' means a Schedule appended to these rules.

# 3. Grade designations :-

The grade designations to indicate the quality of water chestnuts shall be as set out in column I of Schedule II.

#### 4. Definition of quality :-

The quality indicated by the grade designations shall be as set out against each grade designation in Schedule II.

#### 5. Grade designation mark :-

The grade designation mark shall consist of a label specifying the grade designation and bearing a design (consisting of an outline map of India with

the word AGMARK and the Figure of rising sun, with the words,"Produce of India" and resembling the one as set oil in Schedule1

# 6. Method of Marking :-

- (1) The grade designation mark shall be securely affixed to each container in a manner approved by the Agricultural Marketing Adviser.
- (2) In addition to the grade designation mark, each container shall be clearly marked with such particulars and in such a manner as may be specified by the Agricultural Marketing Adviser.
- (3) An authorised packer may, afler obtaining the prior approval of the Agricultural Marketing Adviser, mark his private trade mark on a container, in a manner approved by the aforesaid officer, provided that the private trade mark does not represent quality or grade of the water chestnuts different from that indicated by the grade designation mark affixed to the container in accordance with these rules.

### 7. Method of packing :-

- (1) Only jute bags in sound, clean and dry condition shall be used for packing of water chestnuts. They shall be free from any inseci infestation or fungus contamination and also free from any undesirable smell.
- (2) Each container shall be securely closed and sealed in a manner approved by the Agricultural Marketing Adviser.
- (3) Each package shall contain water chestnuts 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 shall be the conditions of every Certificate of Aulhorisation issued for the purpose of these rules, namely:

- (1) An authorised packer shall make such arrangements for testing of water chestnuts as may be prescribed by the Agricultural Marketing Adviser.
- (2) An authorised packer shall provide all facilities to the Inspecting Officers duly authorised by the Agricultural Marketing Adviser in this behalf, for sampling, testing and such other matters as may be necessary.

SCHEDULE 1
SCHEDULE I

(See rule 5) Design for the Grade designation mark

SCHEDULE 2 SCHIOULE II

(See rules 3 and 4)
Grade designations and definition of quality of water chestnuts
Special Characteristics
Maximum limits of Tolerance
Grade
General

Characteristics

	1	i	i	i	i	1	i	İ
desig	Foreign	Broken	Damaged	Disco	Immature	Weevi	Minimum	
nation	matter	fragments	nuts per	loured	and	lled nuts	weight of	
	per cent	per cent	cent by	nuts per	shrivelled	percent	100 nuts	
	by	bywt.	wt.	cent by	nuts per	by weight	in gnis.	
	weight			weight	cent by			
					weight			
1	2	3	4	5	6	7	8	9
Grade 1	0.50	3.0	0.0	1.0	0.75	0.0	300	Water Chestnuts shall be the dried
(Special)								nuts of the plant Trapa bispinosa
Grade 11	0.75	4.0	1.0	4.0	1.5	2.0	285	(commonly known as Singhara) with
(Good)								moisture not exceeding 10 per cent by
Grade	0.75	5.0	2.0	6.0	3.0	6.0	270	by weight. They shall be free from
III								moulds or insect infestation and any
(Fair)								undesirable smell or flavour.

Explanation. For the purpose of this Schedule

- 1. Foreign matter includes dust, dirt, stones, lunips of earth, chaff, stem. straw or any other impurity.
- 2. Any pieces of nuts which are less than three-murths of whole nut shall be treated as broken fragments, and a nut which is more than three fourths shall

be treated as a whole nut.

- 3. Nuts which are internally damaged affecting the quality of the nuts shall be treated as damaged nuts.
- 4. Nuts with deviation in colour from that of the normal and which are not internally damaged and discoloured affecting the quality of the nuts shall be

treated as discoloured nuts.

- 5. Nuts that are partially or wholly bored or eaten by weevil or other grain insects shall be treated as weevilled nuts.
- 6. Nuts that are not properly developed shall be treated as immature and shrivelled nuts; and
- 7. Weight of 100 nuts shall be determined by picking up 100 whole nuts at random from different layers of the containers or heap.