TAPIOCA PRODUCTS (ANIMAL FEED) GRADING AND MARKING RULES

1. **Short title and application.-**These Rules may be called the Tapioca products (Animal feed) Grading and Marking rules, 1965.

   (2) They shall apply to Tapioca chips and tapioca flour derived form tubers of Manihot utilisima and Manihot palmata produced in India.

2. **Definitions.-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.-** Grade designations to indicate the quality of tapioca products shall be as set out in column 1 of Schedule II.

4. **Definition of Quality.-** The quality indicated by The respective grade designations shall be as set out against each grade designation in columns 2 to 10 of Schedule II.

5. **Grade designation marks.-** The grade designation mark shall consist or a label specifying the grade designation and bearing a design (consisting of an out line map of India with the word 'Agmark' and the figure of the rising sun, with the words 'Produce of India and (**Hkkjrh; mRikn**) resembling the mark as set out in schedule I.

6. **Method of marking. -** The grade designation mark shall be securely affixed to each container in a manner approved by the Agricultural Marketing Adviser and shall clearly show the following particulars:-

   (a) Grade designation.

   (b) Name of the packer or his code number.

   (c) Net weight

   (d) Date of packing

   (2) 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 of Tapioca chips and flour different from that indicated by the grade designation mark affixed to the container in accordance with these rules.

7. **Method of packing. -** (1) only sound, clean and unmended jute bags shall be used for packing. In respect of tapioca flour the bags may be polyethylene lined. They shall be free from fungus contamination and also free from any undesirable smell. Bags used for packing castor seed or castor cake shall not be used.

   (2) The containers shall be securely closed and sealed in such manner as may be prescribed by the Agricultural Marketing Adviser.

   (3) Each package shall contain product 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 set out in conditions shall be observed by packers to the satisfaction of Agricultural Marketing Adviser, namely.

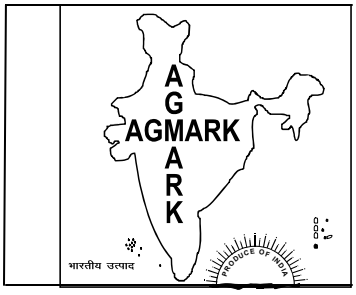
   1. An authorised packer shall make such arrangements for testing the product as may be prescribed and samples thereof shall be forward such control laboratories, as may be specified from time to time by the Agricultural marketing Adviser.

   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 matter as may be necessary.

SCHEDULE I

(See rule 5)

Design for the grade designation mark



SCHEDULE II

(SEE RULES 4)

Grade designations and definition of quality of Tapioca Products (Animal Feed) (Results expressed as percentage by weight on dry basis)

Grade designation	General characteristics	Special Characteristics							
		Moisture maximum	Total ash maximum	Acid insoluble ash	Crude fibre maximum	Hydrocynic acid maximum	Alcoholic acidity (as H_2SO_4) in 90% alcohol maximum	Crude protein minimum	Crude fat minimum
1	2	3	4	5	6	7	8	9	10
TPF (AF)*	Tapioca flour for animal feed shall be Obtained by grinding and sieving tapioca chips [seed against TPC (AF) below], The flour shall be creamy white in colour and of such a size that not more than 5% by weight is retained on a sieve of aperture 1.6000 mm and not more than 10% by weight shall pass through a sieve of aperture 1.000 mm. The flour shall be free from dirt and extraneous matter, rancidity, adulterants, insect or fungus infestation and from Objectionable odour.	13.0	2.5	1.0	2.5	0.03	0.15	2.0	0.4
TPC (AF)$	Tapioca chips for animal feed shall be obtained by drying slices of tapioca tubes (Manihot utlilissima or Manihot palmata) after first removing the outer rind. The thickness of the slices (chips) shall not exceed 15mm. The material shall be dry, free from dirt, adulterants and other extraneous matter. They shall also be free from insect or fungus infestation as well as rancid or objectionable odour.	13.0	2.5	1.0	3.0	0.03	--	2.0	0.4

- Adopted from Is : 1509-1959 and $ IS : 1510-1959,