

GINGER (GRADING AND MARKING) RULES, 1964

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GINGER (GRADING AND MARKING) RULES, 1964

In exercise of the powers conferred by Sec. 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 Ginger (Grading and Marking) Rules, 1964.
- (2) They shall apply to Ginger (*Zingiber officinale*) produced in India and meant for export.

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 :-

The grade designations to indicate the quality of Ginger shall be as set out in column I of Schedules II to IX.

4. Definition of quality :-

The quality indicated by the respective grade designation shall be as set out against each grade designation in Schedules II to IX.

5. Grade designation marks :-

- (1) The grade designation in the case of ginger (whether whole or powdered) packed in polythene or paper bags shall consist of a design incorporating the number of the Certificate of Authorisation, the word 'Agmark' and the grade as approved by the Agricultural Marketing Adviser.
- (2) The grade designation mark in the case of ginger powder packed in tins or glass bottles shall consist of a paste-on label specifying the grade designation and bearing the design of a map of India with the word 'Agmark'.
- (3) The grade designation mark in the case of ginger (Whether whole or powdered) packed in containers of

jute or cloth as also in containers in which sealed polythene bags of graded ginger (whether whole or powdered) are packed, 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 the rising sun with the words "Produce of India" and resembling the one as set out in Schedule 1.

6. Methods 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, 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 quality or grade of Ginger different from that indicated by the grade designation mark affixed to the containers in accordance with these rules.

7. Method of packing :-

(1) Only sound, clean and dry containers made of jute, shall be used for packing. They shall be free from any insect infestation or fungus contamination and also free from any undesirable smell. The container may or may not be lined with cloth or polythene lining.

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

(3) Each package shall contain Ginger of one trade description and 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 Authorisation issued for the purpose of these rules, namely:

(i) An authorised packer shall make such arrangements for testing Ginger, as may be prescribed by the Agricultural Marketing Adviser.

(ii) An authorised packer shall provide all facilities to the Inspecting Officers duly authorised by the Agricultural Marketing Adviser, for sampling, testing and such other matters.

SCHEDULE 1

SCHEDULE

(See rule 5) Design for the Grade designation mark . NOTE.- The Tamil and Telugu words will not occur in the labels in case where commodities are graded for the purpose of export.

SCHEDULE 2

SCHEDULE

(See rule 3 and rule 4)

Grade designation	Special characteristics		General characteristics
	0Size of rhizomes	Extraneous matte (by weight) max.	r%
1	2	3	4
Garbled, Non-bleached, Calicut (NGK)	Not less than 15 mm. in length	2.0	The ginger, whole,-1. shall be the dried rhizomes of Zingiber officinale. Rose, in pieces, irregular in shape and size, pale brown in colour with fibre content characteristic of the variety, with peel not
			entirely removed and light pieces
			removed by garbling.
			2. shall have characteristic taste and
			flavour, be wholesome and shall
			not have rancid or bitter taste or
			musty odour.
			3. shall be reasonably dry and
			reasonably free from moulds and
			insect infestation.

SCHEDULE 3

SCHEDULE 3

(See rule 3 and rule 4) Grade designation and definition of quality of ungarbled non-bleached Calicut ginger

Grade designation	Size of rhizomes	Special characteristics		General characteristics
		Extraneous matter% (by count) max.	Very light Pieces% (by count) max.	
1	2	3	4	5
Ungarbled non-bleached Calicut (NUGK) Special	Not less than 15 mm. in length	3.0	5.0	"The ginger, whole 1. shall be the dried rhizomes of Zingiber Officinale Rose, in pieces, irregular in shape and size, pale brown in colour with fibre content characteristics of the variety and with peel not entirely removed,
Ungarbled Non-bleached (Calicut) (NUGK) Good.	Do.	4.0	10.0	2. shall have characteristics taste and flavour, be wholesome and shall not have rancid or bitter taste or musty odour.
Ungarbled Non-bleached. Calicut Non specified (NUGK) NS.	Do.	*	*	3. shall be reasonably dry and reasonably free from moulds and insect infestation.

SCHEDULE 4
SCHEDULE

(See rule 3 and rule 4) Grade designation and definition of quality of garbled non-bleached Cochin ginger

Grade designation	Size of rhizomes	Special characteristics		General characteristics
		Extraneous matter % (by weight) max.	Very light	
1	2	3	4	5
Garbled Non-bleached Cochin (NGC)	Not less than 1 in length	5 mm. 2.0		The ginger, whole, 1. shall be the dried rhizomes of Zingiber officinale Rose in pieces, irregular in shape and size, pale brown in colour with with fibre content characteristic of the variety, with peel not entirely removed and light pieces removed by garbling. 2. shall have characteristic taste and flavour, be wholesome and shall not have rancid or bitter taste or musty odour 3. shall be reasonably dry and reasonably free from moulds and insect infestation.

SCHEDULE 5
SCHEDULE

(See rule 3 and rule 4) Grade designation and definition of quality of ungarbled non-bleached Cochin ginger.

Grade designation	Size of rhizomes	Special characteristics		General characteristics
		Extraneous matter % by wt. (max.)	Very light pieces% by count, max.	
1	2	3	4	5
Ungarbled, Non-bleached Cochin	Not less than	3.0	4.0	The ginger, whole, 1. shall be the dried rhizomes of Zingiber officinale

(NUGC) Special.	15 mm. in length			Rose. in pieces, irregular in shape and size, pale
				brown in colour, with peel content characteristic of
				the variety and with peel not entirely removed.
Ungarbled Non-Bleached Cochin	Do.	4.0	6.0	2. shall have characteristic taste and flavour, be who
(NUGC) Good.				lesome and shall not have rancid or bitter taste
				musty odour.
Ungarbled Non-bleached Cochin	Do.	@	@	3. shall be reasonably dry and reasonably free
(NUGC) NS Non-specified.				from moulds and insect infestation.

SCHEDULE 6

SCHEDULE

(See rule 3 and rule 4) Grade designation and definition of quality of garbled bleached Cochin ginger

Grade designation	Size of rhizomes	Special characteristics		General characteristics
		Extraneous matter % (by weight) maximum	Lime as CaO% (by weight) maximum	
1	2	3	4	5
				"The ginger, whole,-
Garbled bleached Cochin (BGC)	Not less than 15 mm. in length	2.0	3.5	1. shall be the dried rhizomes of Zingiber officinale
				Rose, in pieces, irregular in shape and size, pale
				brown in colour with fibre content characteristic of
				of the variety, with peel not entirely removed
				lime bleached and light pieces removed, be who
				garbling.
				2. shall have characteristic taste and flavour be who
				wholesome, and shall not have rancid or bitter
				taste or musty odour.
				3. shall be reasonably dry and reasonably free from
				moulds and insect infestation.

SCHEDULE 7

SCHEDULE

(See rule 3 and rule 4) Grade designation and definition of quality of ungarbled, bleached. Cochin ginger.

Grade designation	Size of rhizomes	Special characteristics			General characteristics
		Extraneous matter % (by weight) maximum	Very light pieces% by count maximum	Lime CaO% (by weight) maximum	
1	2	3	4	5	6
					The ginger, whole,-
Ungarbled bleached Cochin	Not less than	3.0	4.0	4.0	1. shall be the dried rhizomes of Zin
(BUGC) Special.	15 mm in length				giber officinale Rose, in pieces
					irregular in shape and size, pale
					brown in colour with fibre content
					characteristic of the variety, with
					peel not entirely removed and

					lime bleached.
Ungaifaled bleached	Do.	4.0	6.0	6.0	2. shall have characteristic taste and
Cochin (BUGC) Good.					flavour, be wholesome, and shall
					not have rancid or bitter taste or
					musty odour.
Ungarbled bleached Cochin	Do.	@	@	@	3. shall be reasonably dry and reason
Non-specified (BUGC) NS					ably free from moulds and insect
					infestation.

SCHEDULE 8
SCHEDULE

(See rule 3 and rule 4) Grade designation and definition of quality of garbled bleached Calicut ginger

		Special characteristics		General characteristics	
Grade designation					
	Size of rhizomes	Extraneous matter % (by weight) maximum	Lime as CaO% (by weight) maximum		
1	2	3	4	5	
Garbled, bleached Calicut (BGK)	Not less than 15 mm. in length	2.0	2.5		The ginger, whole, 1. shall be the dried rhizomes of Zingiber officinale Rose in pieces, irregular in shape and size, pale brown in colour, with fibre content characteristic of the variety, with peel not entirely removed, lime bleached and light pieces removed by garbling. 2. shall have characteristic taste and flavour, be wholesome, and shall not have rancid or bitter taste or musty odour. 3. shall be reasonably dry and reasonably free from moulds and insect infestation.

SCHEDULE 9
SCHEDULE

(See rule 3 and rule 4) Grade designation and definition of quality of ungarbled bleached Calicut Ginger

		Special characteristics			General characteristics
Grade designation					
	Size of rhizomes	Extraneous matter % (by weight) maximum	Very light pieces% by count maximum	Lime CaO % (by weight) maximum	
1	2	3	4	5	6
Ungarbled bleached Calicut (BUGK) Special	Not less than 15 mm in length	3.0	4.0	4.0	The ginger, whole, 1. shall be the dried rhizomes of Zin giber officinale Rose, in pieces irregular in shape and size, pale brown in colour with fibre content characteristic of the variety, with

					peel not entirely removed and lime bleached.
Ungarbled bleached Calicut (BUGK) Good	Do.	4.0	6.0	6.0	2. shall have characteristic taste and flavour, be wholesome, and shall not have rancid or bitter taste or musty odour.
Ungarbled bleached Calicut	Do.	@	@	@	3. shall be reasonably dry and reason
Non-specified (BUGK) NS					ably free from moulds and insect infestation.

SCHEDULE 10
SCHEDULE

(See rule 3 and rule 4) Grade designation and definition of quality of Ginger Powder

Grade designation	Special characteristics							
	Moisture percentage by weight maximum	Total ash percentage by weight maximum	Ash insoluble (in dilute HCL) percentage by weight maximum	Water soluble ash, per centage by weight minimum	Cold water soluble extract percentage by weight minimum	Calcium (as CaO), percentage by weight maximum	Alcohol soluble extr act, percentage by weight minimum	General characteristics
1 Standard	2 13.0	3 8.0	4 1.0	5 1.7	6 10.0	7 2.0	8 4.5 1.	9 The ginger powder shall be the product obtained by grinding the ginger (whole). It shall be free from admixture from mould growth, insect infestation or musty odour.