

GRAPES (GRADING AND MARKING) RULES, 1937

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GRAPES (GRADING AND MARKING) RULES, 1937

In exercise of the powers conferred by section 3 of the Agricultural Produce (Grading and Marking) Act, 1937 (1 of 1937), the Governor General in Council is pleased to make the following rules, which have already been published as required under the section mentioned above.

1. Short title and application :-

- (1) These rules may be called the Grapes (Grading and Marking) Rules, 1937.
- (2) They shall apply to grapes produced in India.

2. Grade designations :-

Grade designations to indicate the quality of grapes of certain varieties produced in India are set out in column 1 of Schedules I to VII-D.

3. Definition of quality :-

- (1) The general characteristics of quality indicated by such grade designations

shall be as follows : All berries shall be firm and in good condition and reasonably mature. None of the berries on a bunch shall be soft or over-ripe.

(2) The special characteristics of quality indicated by such grade designations are set out, against such designations, in columns 2 to 7 of Schedules I to VII-D.

4. Grade designation marks :-

The grade designation mark shall consist of a label bearing the design set out in Schedule VIII-D, specifying the grade designation and of the following colour :- Grade designation Special \Colour of label White. A B \Red. Blue.

5. Method of marking :-

The grade designation mark label shall be securely affixed to each Package of grapes and shall clearly show the following particulars :

- (a) Variety.
- (b) Net weight.
- (c) Name of packing station.
- (d) Date of packing.

6. Method of packing :-

(1) Containers may be either returnable or non-returnable. They shall be clean and suitable for the purpose. All packages shall be securely closed.

(2) All packages of grapes of special grade shall be lined with white paper.

(3) Packing material shall be used and shall be soft, clean and free of any taint liable to impart an objectionable flavour to the grapes.

(4) The grapes in any container shall be reasonably uniform, of one grade and the top layer shall be representative of the entire contents of the package in respect of variety, size of the bunch, colour, maturity and freedom from defects.

(5) Bunches shall be arranged and packed so as to prevent subsequent displacement in the course of transit.

(6) Unripe grapes shall not be packed.

SCHEDULE 1

SCHEDULE I

Grade designations and definition of quality of grapes Speen Kishmish (Sultana) produced in India						
Definition of qualitySpecial characteristics						
Grade	Bunches			Berries		
Designation						
	Minimum length	Minimum weight	Shape	Size	Colour	Blemish + +
1	2	3	4	5	6	7
	Millimeters	Grams				
Special	254	292	The bunch shall be well for	Berries shall be rea	At least a quarter of	Reasonably free from blemi

			med, having its normal	sonably uniform in size.	the berries in each	sh. ©Blemish . caused by
			cylindrical shape tapering	Half or more of	bunch shall show the	handling or spraying and dus-
			to a point. The string (main	the berries in any bunch	normal amber colour	ting may be permitted to the
			(mainstem) shall be cover	shall be at least 13	of the variety.	extent of 5 per cent of the be-
			ed with berries throughout	mms in diameter+.		rries in any bunch,
			the length.			
A	152	175	As above	As above	As above	Reasonably free from
						blemish. ©Blemish caused
						by handling or spraying and
						dusting may be permitted to
						the extent of 10 per cent of
						the harries in any bunch.
B	102	117	As above	As above	As above	As above
*s measured from the top-most berry to the lowest.						
+ i.e., the greatest diameter as measured at right angles to the longer axis.						
+ + Blemish as well as spraying or dusting marks includes mechanical damages to the skin, malformation and visible signs of insect infestation and damaj						
caused by the attack of fungus diseases and insect pests.						
@ A 5 per cent tolerance shall be allowed in respect of blemish other than spraying or dusting marks but the total of serious defects including mould an						
decay shall not exceed / per cent by weight.						

SCHEDULE 2
SCHEDULE II

Grade designations and definition of quality of grapes Bedana produced in India						
Definition of qualitySpecial characteristics						
Grade	Bunches			Berries		
Designation						
	Minimum length*	Minimum weight	Shape	Size	Colour	Blemish*
1	2	3	4	5	6	7
	Millimeters	Grams				
Special	203	233	The bunch shall be compact	Berries shall be reasonably	At least half of the berries	Reasonably free from ble
			and well formed, having its	uniform in size. Two-thirds	in each bunch shall show	mish. @ Blemish caused by
			normal irregularly	or more shall be at least	the normal greenish	handling and spraying or

			cylin drical shape. The string	15 mms. in diameter. +	amber colour.	dusting may be permitted to
			(main stem) shall be cove			the extent of 10 per cent on
			red with berries through			the berries in any bunch.
			out the length. Gaps to the			
			extent of 10% due to "Shel			
			ling" (dropping of berri			
			es) may be allowed.			
A	152	175	As above	Berries shall be reasonably	As above	Reasonably free from ble
				uniform in size. At least		mish. ©Blemish caused by
				half the berries in any		handling and spraying or
				bunch shall at least 15 mms		dusting may be permitted to
				in diameter.		the extent of 20 per cent of
						the berries in any bunch.

*As measure from the top-most berry to the lowest.

+i.e., the greatest diameter as measured at right angles to the longer axis.

#Blemish as well as spraying or dusting marks includes mechanical damage to the skin, malformation and visible signs of insect infestation and damage

caused by the attack of fungus diseases and insect pests.

@ A 5% per cent. tolerance shall be allowed in respect of blemish other than spraying or dusting marks but the total of serious defects including mould and

decay shall not exceed per cent by weight.

SCHEDULE 3
SCHEDULE III

Grade designations and definitions of quality of Grapes Tor (Siah) produced in India						
Definition of qualitySpecial characteristics						
Grade	Bunches			Berries		
Designation						
	Minimum length*	Minimum weight	Shape	Size	Colour	Blemish#
1	2 3		4	5	6	7
	Millimeters	Grams				
Special	152	350	The bunch	Berries shall	At least two-	Reasonably

			shall be compact and well formed, having	be reasonably uniform in size. Two-thirds	thirds	free from blemish. @ Blemish caused
			its normal irregularly conic	or more of the berries	bunch shall have the	by handling and spraying
			al shape. The string (main	berries in any bunch shall be	normal dark purple	or dusting may be permit
			stem) shall be covered	at least 20 mms. in diameter ,	colour of the variety.	to the extent of 5 per cent
			with berries throughout the			of the berries in any bunch
			length.			
A	127	292	As above	Berries shall be reasonably	At least half of the berries	Reasonably free from blemish. @ Blemish cause
				ly uniform in size. Half or	in each bunch shall have the	
				more of the berries in any	normal dark purple colour	by handling and spraying
				bunch shall be atleast 18	of the variety,	or dusting may be permit
				mms. in diameter. +		to the extent of 10 per cent
						the berries in any bunch.
B	102	233	As above	Berries shall be reasonably	Atleast one-third of the	As above
				ly uniform in size. Half or	berries in each bunch shall	
				more of the berries in any	have the normal dark purple	
				bunch shall be atleast 15	ple colour of the variety.	
				mms. in diameter. +		

*As measured from the top-most berry to the lowest.

+ i.e., the greatest diameter as measured at right angles to the longer axis.

SCHEDULE 4
SCHEDULE IV

Grade designations and definition of quality of Grapes Speen Sabi produced in India						
Definition of quality Special characteristics						
Grade	Bunches			Berries		
Designation						
	Minimum length*	Minimum weight	Shape	Size	Colour	Blemish#
1	2	3	4	5	6	7

	Millimeters	Grams				
Special	229	262	The bunch shall have its	Berries shall be reasonably	At least two-thirds of the	Reasonably free from blemish.
			normal shape of being long	uniform in size. Two-thirds	berries in each bunch shall	mish. @ Blemish caused
			and cylindrical. The string	or more shall be at	show the normal greenish	by handling and spraying or
			(main stem) shall be covered	least 18 mms. in diameter+	amber (translucent) colour	dusting may be permitted to
			ed with berries throughout	and 25 mm in length.	of the variety.	the extent of 5 per cent of
			the length.			the berries in any bunch.
A	178	204	As above.	Berries shall be reasonably		As above As above
				uniform in size. Half or more		
				shall be at least 15 mm. in		
				diameter.+ and 23 mm in		
				length.		

*As measured from the top-most berry to the lowest.

+i.e., the greatest diameter as measured at right angles to the longer axis which indicates length.

Blemish as well as spraying or dusting marks includes mechanical damages to the skin, malformation and visible signs of insect infestation and damage due

to the attack of fungus diseases and insect pests.

@ A 5 per cent tolerance shall be allowed in respect of blemish other than spraying or dusting marks but the total of serious defects including mould and

decay shall not exceed per cent by weight.

SCHEDULE 5

SCHEDULE V

Grade designations and definition of quality of Grapes Sabi Sabi produced in India						
Definition of qualitySpecial characteristics						
Grade	Bunches			Berries		
Designation						
	Minimum length*	Minimum weight	Shape	Size	Colour	Blemish#
1	2	3	4	5	6	7
	Millimeters	Grams				
Special	203	292	The bunch shall have its	Berries shall be reasonab	At least two-thirds of	Reasonably free from blemish.
			normal shape of	ly uniform in size. Two-	the berries in each	mish. @ Blemish

			being slightly shouldered, longish, more	thirds or more of the berry	bunch shall show the normal	caused by handling and spraying
			or less cylindrical and fairly	berries shall be at least 20	all dull dark maroon	or dusting may be permitted
			compact and it shall be	mm. in diameter+ and	colour of the variety	limited to the extent of 5
			well formed. The main stem	25 mm in length. No berry		per cent of the berries
			shall be covered with berry	shall be less than 15 mm		in any bunch.
			berries throughout the length.	in diameter + and 20 mm		
				in length. (Tolerance		
				5 per cent for undersized		
				berries may be allowed.		
A	127	146	The bunch may be more or	Berries shall be reasonably	As above	Reasonably free from blemish.
			less conical in shape. It	uniform in size. Half or		Blemish caused by
			shall be compact and well	more of the berries shall be		handling and spraying or
			formed. The length of the	at least 20 mm in diameter+		dusting may be permitted
			bunch shall be more than	and 23 mm in length.		limited to the extent of 10 per
			the width at the shoulder.	(Tolerance 5 per		cent. of the berries in any
			Gaps to the extent of 10	cent. for under-sized		bunch.
			per cent due to "Shelling"	berries may be		
			(the dropping of the berries	allowed.)		
			berries) may be allowed.			

SCHEDULE 6
SCHEDULE VI

Grade designations and definition of quality of Grapes Tass produced in India
Definition of quality Special characteristics

Grade	Bunches			Berries		
Designation	Minimum length	Minimum weight	Shape	Size	Colour	Blemish#
1	2	3	4	5	6	7
IV Special	Millimeters	Grams				
	152	350	The bunch shall be massive and very compact, having its normal irregularly conical shape. The main stem shall be reasonably covered with berries throughout the length.	Berries shall be reasonably uniform in size. Two-thirds or more shall be at least 20 mm in diameter. +	At least two-thirds of the berries shall show the normal dull pale yellow colour of the variety.	Reasonably free from Blemish. @ Blemish caused by handling and spraying or dusting may be permitted to the extent of 20 per cent of the berries in any bunch. Brown markings on the skin due to discoloration may be permitted to the extent
						50 per cent.

*As measured from the top-most berry to the lowest.

+i.e., the greatest diameter as measured at right angles to the longer axis which indicates length.

#Blemish as well as what is caused by handling and spraying or dusting includes mechanical damages to the skins, malformation and visible signs of insect, infestation and damage due to the attack of fungus diseases and insect pests

@ A 5 per cent. tolerance shall be allowed in respect of blemish other than spraying or dusting marks but the total of serious defects including mould and decay shall not exceed per cent. by weight.

SCHEDULE 7

\SCHEDULE VII \ \

Grade designations and definition of quality of Grapes Bhokari produced in India						
Definition of quality Special characteristics						
Grade	Bunches			Berries		
Designation	Minimum length*	Minimum weight	Shape	Size	Colour	Blemish#
1	2	3	4	5	6	7
	Millimeters	Grams				

Special	203	567	The bunch shall be compact and well formed having its normal cylindrical shape tapering towards the end. The string (main stem) shall be reasonably covered with berries throughout the length.	Berries shall be reasonably uniform in size. Two-thirds or more of the berries in any bunch shall be at least 19 mm in diameter.	At least two-thirds of the berries in each bunch shall show the normal pale purple colour of the variety.	Reasonably free from blemish. Blemish due to handling and spraying or dusting may be permitted to the extent of 5 per cent of the berries in any bunch,
A	152	425	The string (main stem) shall be reasonably covered and surrounded by berries throughout the length.	Berries shall be reasonably uniform in size. Half or more of the berries in any bunch shall be at least 13 mm in diameter.	At least half of the berries in any bunch shall show the normal pale purple colour of the variety.	Reasonably free from blemish. Blemish due to handling and spraying or dusting may be permitted to the extent of 20 per cent of the berries in any bunch.
B	102	283	The length of the bunch shall be greater than the breadth of the shoulder. Slight gaps on the string may be permitted to the extent of 5 per cent of the berries.	Berries shall be reasonably uniform in size. Half or more of the berries in any bunch shall be at least 13 mm in diameter. +	As above	Reasonably free from blemish. Blemish due to handling and spraying and dusting may be permitted to the extent of 30 per cent of the berries in any bunch.

*As measured from the top-most berry to the lowest.

+ i.e., the greatest diameter as measured at right angles to the longer axis.

#Blemish as well as spraying or dusting marks includes mechanical damages to the skin, mildew, malformation and visible signs of insect infestation .

@ A 5 per cent tolerance shall be allowed in special and grade A and 10 per cent in grade B, but the total of serious defects including mould and decay limited to percent by weight.

SCHEDULE 7A

SCHEDULE VII-A

[see roles 2 and 3 (2)]						
Grade designations and definitions of quality of grapes (Green variety) Pachal Draksha produced in India						
Definition of qualitySpecial characteristics						
Grade	Bunches			Berries		
Designation						
	Minimum length*	Minimum weight	Shape	Size	Colour	Blemish
	in m.m.	in gms.				
1	2	3	4	5	6	7
Special	200	400	The bunch shall be well for	Berries shall be reasonably	At least 75 per cent of the	Reasonably free from ble
			med having its normal	uniform in size and 75 per	berries in any bunch shall	mish. 'Blemish caused by
			cylindrical shape with the	cent of the berries in any	show the normal colour,	handling and spraying or
			freeend slightly tapering.	bunch shall be at least 15	i.e.translucent pale green	dusting may be permitted
			The main string (main stem)	mm. in diameter.	colour,	to the extent of 5 per cent.
			shall be covered with be			
			rries throughout the length.			
A	150	300	Do	Do	Do	Reasonably free from
						blemish'. Blemish caused by
						handling and spraying or
						dusting may be permitted to
						the extent of 10 per cent.
B	100	180	Do	Do	Do	Do

NOTE:

(1) Minimum length shall be that as measured from the top-most berry to the lowest.

(2) Diameter of the berries shall be the greatest diameter as measured at right angles to the longer axis.

(3) Blemish as well as spraying or dusting marks include mechanical damage to the skin, malformation and visible signs of insect infestation and damage

caused by the attack of fungus diseases and insect pests.

*Tolerance of 5 per cent shall be allowed in respect of blemish other than spraying or dusting marks but the total of serious defects including mould and decay shall not exceed per cent, by weight.

SCHEDULE 7B

SCHEDULE VII-B

[See rules 2 and 3 (2)]

Grade designations and definitions of quality of Grapes (Brown variety') Pachai Draksha produced in India

Definition of quality Special characteristics

Grade	Bunches			Berries			
	Designation	Minimum length	Minimum weight in gms.	Shape	Size	Colour	Blemish
		gth* in m.m.	weight in gms.				
1	2	3	4	5	6	7	
Special	180	400	The bunch shall be well for	Berries shall be reasonably	At least 75 per cent. of the		
			med and shall be reasona	uniform in size and 75 per	berries in any bunch shall	Reasonably free from ble	
			bly compact. The string	cent of the berries in any	show the normal, colour	mish. 'Blemish caused by	
			(main stem) shall be covered	bunch shall be at least 15	i.e., brown.	handling and spraying or dus	
			with berries throughout the	mm. in diameter.		ting may be permitted to the	
			the length.			extent of 5 per cent.	
A	120	250	Do	Do	Do	Reasonably free from	
						blemish. *Blemish caused by	
						handling and spraying or	
						dusting may be permitted to	
						the extent of 10 per cent.	
B	100	180	Do	Do	Do	Do	

NOTE:

(1) Minimum length shall be that as measured from the top-most berry to the lowest.

(2) Diameter of the berries shall be the greatest diameter as measured at right angle to the longer axis.

(3) Blemish as well as spraying or dusting marks include mechanical damage to the skin, malformation and visible signs of insect infestation and damage

caused by the attack of fungus diseases and insect pests.

Tolerance of 5 per cent shall be allowed in respect of blemish other than spraying or dusting marks but the total of serious defects including mould and

decay shall not exceed / per cent. by weight.

SCHEDULE 7C

SCHEDULE VII-C

[See rules 2 and 3(2)]

Grade designations and definitions of quality of blue Grapes (Salem District) Produced in India

Definition of quality Special characteristics

Grade	Bunches			Berries			
	Designation *	Minimum length	Minimum weight	Shape	Size	Colour	Blemish
		in m.m.	in gms.				
1	2	3	4	5	6	7	
Special	190	220	The bunch shall be well for	Berries shall be reasonably	At least 75 per cent of the	Reasonably free from	ble
			med, and have its character	uniform in size. At least 90	berries in any bunch	mish. 'Blemish caused by	
			istic shape i.e., broad sho	per cent of the berries shall	shall show the normal	handling and spraying or dus	
			ulder at the top and taper	be 15 mm. diameter.	in colour i.e., pink blue.	ting may be permitted to the	
			ing at the end. The string			extent of 5 per cent of the be	
			(main stem) shall be reason			berries in any bunch.	
			ably covered with berries				
			throughout its length.				
A	152	180	Do	Do	Do	Reasonably free from	
						blemish. 'Blemish caused by	
						handling and	

						spraying and dusting may be permitted to the extent of 10 per cent.
B	101	140	Do	Do	Do	Reasonably free from blemish 'Blemish caused by handling and spraying or dusting may be permitted to the extent of 15 per cent.

NOTE:

(1) Minimum length shall be that as measured from the top-most berry to the lowest.

(2) Diameter of the berries shall be the greatest diameter as measured at right angle to the longer axis.

(3) Blemish as well as spraying or dusting marks include mechanical damage to the skin, malformation and visible signs of insect infestation and damage caused by the attack of fungus diseases and insect pests. * Tolerance of 5 per cent shall be allowed in respect of blemish other than spraying or dusting marks but the total of serious defects including mould and decay shall not exceed per cent by weight.

SCHEDULE 7D

SCHEDULE VII-D

[See rules 2 and 3(2)]						
Grade designations and definitions of quality of Grapes ANAB-E-SHAI produced in India						
Definition of quality Special characteristics						
Grade	Bunches			Berries		
Designation	Minimum length	Minimum weight	Shape	Size	Colour	Blemish
	gth* in mm.	weight	in gms.			
1	2	3	4	5	6	7
Special	250	700	The bunches shall be compact and well formed having	Berries shall be reasonably uniform in size. Two-thirds or more of	At least two-thirds of the berries of each bunch shall have the	Reasonably free from blemish. 'Blemish caused by handling

			natural conical shape. The string (main stem) shall be covered with berries throughout the length of the stem.	the berries shall be at least 20 m.m. in diameter.	normal pale green colour.	and spraying or dusting may be permitted to the extent of 5 per cent.
A	200	500	Do	Two-thirds or more of the berries shall be at least 15 m.m. in diameter.	Do	Reasonably free from blemish. Blemish caused by handling or spraying or dusting may be permitted to the extent of 10 per cent.
B	150	380	Do	Do	Do	Do

NOTE:

(1) Minimum length shall be that as measured from the top-most berry to the lowest.

(2) Diameter of the berries shall be the greatest diameter as measured at right angle to the longer axis.

(3) Blemish as well as spraying or dusting marks include mechanical damage to the skin, malformation and visible signs of insect infestation and damage caused by the attack of fungus diseases and insect pests.

* Tolerance of 5 per cent shall be allowed in respect of blemish other than spraying or dusting marks but the total of serious defects including mould and decay shall not exceed 1 per cent by weight.

**SCHEDULE 8
SCHEDULE VIII**

(See rule 4) Grade designation mark for package of grapes