

BRISTLES (GRADING AND MARKING) RULES, 1969

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BRISTLES (GRADING AND MARKING) RULES, 1969

BRISTLES (GRADING AND MARKING) RULES, 1969

1. Short title and application :-

(1) These rules may be called the Bristles (Grading and Marking)

Rules, 1969.

(2) They shall apply to bristles obtained from pigs, hogs¹ and boars and to cut bristles obtained from such bristles by cutting either flag ends or root ends, which are produced in India.

1. Subs. by S.O. 1158, dated 24th March, 1984. for the words "and boars and"

2. Grade designations :-

(1) Grade designations indicating the quality of bristles as set out in column 1 of Schedules¹ I to IX A shall be known as "General Grades".

(2) In addition to the grade designations referred to in sub-rule (1), there shall also be "Special Grades" and "Select Grades" which shall satisfy the conditions specified in Schedules¹ X and XIA respectively.

1. Subs. by S.O. 1158, dated 24th March, 1984. for the words "and boars and"

3. Definition of quality :-

The quality indicated by the various grade designations shall be as set out against each designation in columns 2, 3 and 4 of¹ [Schedules I to IX-A] and in 4 [Schedules X and XI-A].

1. Subs. by S.O. 1158, dated 24th March, 1984. for the words "and boars and, for the words "Schedules I to IX".

4. Grade designation mark :-

The grade designation mark shall consist of a label bearing the design set out in Schedule XII specifying the grade designation and the colour of the label shall be the colour of the bristles.

5. Method of marking :-

(1) A grade designation mark label shall be securely affixed to each case in a manner approved by the Agricultural Marketing Adviser to the Government of India.

(2) In addition to the grade designation, the following particulars shall be clearly marked on the label:-

(i) Serial number,

(ii)¹ [Type of bristles, i.e.....soft or stiff/semi-stiff or extra stiff or cut bristles of any of these three types with either flag ends cut or

root ends cut] ;

(iii) Name of packing station ;

(iv) Date of marking ;

(v) Net weight;

(vi) General, special or select.

1. Rule 5(2) (ii) Subs. by Subs. by S.O. 1158, dated 24th March, 1984. for the words "and boars and, for the words "Schedules I to IX".

6. Method of packing :-

(1)

(a) Bristles of the same grade designation shall be tied in bundles.

(b) A bundle (other than of shorts and riflings) shall not be more than 51 mm (2 inches) and not less than 38 mm (1 inches) in diameter.

(2) The net contents of each case of bristles of all grade designations shall be 10 kg., or more, in multiples of 2 kg., subject to a maximum of 46 Kg.

(3) Bristles of different grade designations of 121 mm. (4 3/4 inches) or below shall be packed in separate cases.

(4) Bristles of different grade designations of over 121 mm. (4 3/4 inches) may be packed in one case : Provided that,

(a) the quantity of bristles of a particular grade designation shall be in multiples of 2 Kg., and

(b) bristles of each grade designation shall be packed in distinct layers.

(5) If black and grey bristles are packed in the same case, the quantity of bristles of each of these two colours shall be in multiples of 2 Kg. and these shall be packed in distinct layers.

(6)

(a) The container for packing shall be a wooden case, which shall be clean and dry.

(b) Tin or aluminium cases may also be used for packing bristles for

transit by air freight.

(7) The wooden cases and other containers shall be lined with water-proof paper and shall contain sufficient quantity of insecticide such as D.D.T. or naphthalene balls.

(8) Each case shall be securely strapped and sealed.

Explanation.-In this rule the expression "net contents" shall mean "the weight of the bristles without any wrapping or other additions other than ties of cotton, hemp or other material".

SCHEDULE 1

SCHEDULE I

(See rule 2 and rule 3) Grade designations and definition of quality of Bristles known commercially as Extra Stiff Bristles produced in India \ \ Special characteristics \ \ \ \ General characteristics Grade designation \ \ \ \ Colour** \ length \ (1) \ \ (2) \ (3) \ (4) 159 mm. \ (6'3- \ and White \ 159 mm. \ The bristles shall be the and over \ over) \ \ and over. \ natural product obtained 152 mm. \ (6") \ " \ 152 mm. \ from pigs, hogs or boars 146 mm. \ (5/4") \ " \ 146 mm. \ and shall be thoroughly 140 mm. \ (5/2") \ " \ 140 mm. \ washed, clean and dry in 133 mm. \ (5^4-) \ " \ 133 mm. \ their natural colour with 127 mm. \ 3(5") \ " \ 127 mm. \ root ends intact and free 121 mm. \ (^/4) \ " \ 121 mm. \ from damaged or reclai- 114 mm. \ (4/2") \ " \ 114 mm. \ med bristles obtained from 108 mm. \ (4V4") \ " \ 108mm. \ brushes as well as from all 102 mm. \ 3(4-) \ " \ 102 mm. \ foreign matter such as 95mm. \ (1,m \ " \ 95mm. \ dust, dirt, or ox or horse 89mm. \ (3/2-) \ " \ 89mm. \ tail hair or vegetable fibres 83mm. \ (3^-) \ " \ 83mm. \ or artificial fibres. 76 mm. \ (3") \ " \ 76 mm. \ 70mm. \ (2^/4") \ " \ 70 mm. 64 mm. \ (2/2") \ " \ 64 mm. \ 57mm. \ (2V4") \ " \ 57 mm. \ 51 mm. \ 3(2") \ " \ 51 mm. \ 44 mm. \ (1/4") \ " \ 44 mm. \ Shorts and \ (less \ " \ (Less than \ Riflings \ than \ " \ 44 mm.) \ (Less than \ 1^4) \ \ \ 44 mm.) \ \ \ \ Extra Stiff Bristles are such bristles as are obtained from wild boars and are thicker and stiffer than stiff/semi-stiff bristles. "The following colour tolerances shall be allowed:- (a) In grades 114mm. and over, non-whites shall not exceed 3 per cent. (b) In grades 108 mm. to 44 mm. non-whites shall not exceed 6 per cent. (c) In shorts and riflings, non-whites shall not exceed 12 per cent. @ All bristles shall have root-ends and flag-ends pointing in opposite directions and shall be 'solid dressed' which term shall mean such dressing as to contain :- (i) a minimum of 85 per cent of the specified grade designation length (called "tops"), the balance being made up of the next two lower grade lengths and unavoidable, the maximum tolerance for the latter being 5 per cent in the case grade designations 102 mm. and over; (ii) a minimum of 75 per cent of the specified grade designation length (called "tops"), the balance being made up of the next two lower grade lengths and unavoidable, the maximum tolerance for the latter being 8 per cent in the case of grade designations 95 mm. to 64 mm; (iii) for grades 57 mm. and 51 mm. a minimum of 75 per cent of bristles of the specified grade designation length (called "tops"), the balance being made up of the next lower grade lengths and unavoidable; (iv) for grade 44 mm. a minimum of 65 per cent of bristles of the specified grade designation length (called "tops"), the balance being made up of the next lower grade lengths and unavoidable; and (v) The following tolerance limits in respect of types shall be permitted:

Grade designation Maximum percentage of Bristles of the next lower type according to stiffness to be tolerated 114 mm (4 1/2") and above. . . . 35 83 mm (3 3/4") and upto and including 40 108 mm (4 1/4"). 44 mm (1 3/4") and upto and including 45 76 mm (3")

SCHEDULE 2
SCHEDULE II

(See rule 2 and rule 3) Grade designations and definition of quality of Bristles known commercially as Extra Stiff Bristles produced in India \ \ Special characteristics \ \ \ \ General characteristics Grade designation \ \ \ \ \ Colour** \ length \ (1) \ \ (2) \ (3) \ (4) 159 mm. \ (6 1/4- \ and Black \ 159 mm. \ The bristles shall be the and over \ over) \ \ and over. \ natural product obtained 152 mm. \ (6") \ " \ 152 mm. \ from pigs, hogs or boars 146 mm. \ (5 1/4") \ " \ 146 mm. \ and shall be thoroughly 140 mm. \ (5 1/2") \ " \ 140 mm. \ washed, clean and dry in 133 mm. \ (5 1/4-) \ " \ 133 mm. \ their natural colour with 127 mm. \ 3(5") \ " \ 127 mm. \ root ends intact and free 121 mm. \ (5/4) \ " \ 121 mm. \ from damaged or reclai- 114 mm. \ (4 1/2") \ " \ 114 mm. \ med bristles obtained from 108 mm. \ (4 1/4") \ " \ 108 mm. \ brushes as well as from all 102 mm. \ 3(4-) \ " \ 102 mm. \ foreign matter such as 95 mm. \ (1, m \ " \ 95 mm. \ dust, dirt, or ox or horse 89mm. \ (3 1/2-) \ " \ 89 mm. \ tail hair or vegetable fibres 83mm. \ (3 1/4-) \ " \ 83mm. \ or artificial fibres. 76 mm. \ (3") \ " \ 76 mm. \ 70mm. \ (2 3/4") \ " \ 70 mm. 64 mm. \ (2 1/2") \ " \ 64 mm. \ 57mm. \ (2 1/4") \ " \ 57 mm. \ 51 mm. \ 3(2") \ " \ 51 mm. \ 44 mm. \ (1 1/4") \ " \ 44 mm. \ Shorts and \ (less \ " \ (Less than \ Riflings \ than \ " \ 44 mm.) \ (Less than \ 1 1/4) \ \ \ 44 mm.) \ \ \ \ \ \ 'Extra Stiff Bristles are such bristles as are obtained from wild boare and are thicker and stiffer than stiff/semi-stiff bristles "The following colour tolerances shall be allowed : (a) In grades 114 mm. and over, non-blacks shall not exceed 3 per cent. (b) In grades 108 mm. 1044 mm., non-blacks shall not exceed 6 per cent. (c) In Shorts and Riflings, non-blacks shall not exceed 12 per cent. @ All bristles shall have root-ends and flag-ends pointing in opposite directions and shall be 'solid dressed' which tern shall mean such dressing as to contain :- (i) a minimum of 85 per cent of the specified grade designation length (called "tops"), the balance being made up of the next two lower grade lengths and unavoidable, the maximum tolerance for the latter being 5 per cent in the case of grade designations 102 mm. and over; (ii) a minimum of 75 per cent of the specified grade designation length (called "tops"), the balance being made up of the next two lower grade lengths and unavoidable, the maximum tolerance for the latter being 8 per cent in the case of grade designations 95 mm. to 64 mm; (iii) for grades 57 mm. and 51 mm. a minimum of 75 per cent of bristles of the specified grade designation length (called "tops"), the balance being made up of the next lower grade lengths and unavoidable; (iv) for grade 44 mm. a minimum of 65 per cent of bristles of the specified grade designation length (called "tops"), the balance being made up of the next lower grade lengths and unavoidable; and (v) The following tolerance limits in respect of types shall be permitted : Grade designation Maximum percentage of Bristles of the next lower type according to stiffness to be tolerated 114 mm (4 1/2") and above. . . . 35 83 mm (3 3/4") and upto and including 40 108 mm (4 1/4"). 44 mm (1 3/4") and upto and including 45 76 mm (3")

SCHEDULE 3
SCHEDULE III

(See rule 2 and rule 3) Grade designation and definition of quality of Bristles known commercially as Extra Stiff Bristles produced in India \ \ Special characteristics \ \ \ \ General characteristics Grilde designation \ \ \ \ \ Colour** \ length \ (1) \ \ (2) \ (3) \ (4) 159 mm. \ (6'4- \ and Grey \ 159 mm. \ The bristles shall be the and over \ over) \ \ and over. \ natural product obtained 152 mm. \ (6") \ " \ 152 mm. \ from pigs, hogs or boars 146 mm. \ (5/4") \ " \ 146 mm. \ and shall be thoroughly 140 mm. \ (5/2") \ " \ 140 mm. \ washed, clean and dry in 133 mm. \ (5^4-) \ " \ 133 mm. \ their natural colour with 127 mm. \ 3(5") \ " \ 127 mm. \ root ends intact and free 121 mm. \ (^/4) \ " \ 121 mm. \ from damaged or reclai- 114 mm. \ (4/2") \ " \ 114 mm. \ med bristles obtained from 108 mm. \ (4V4") \ " \ 108 mm. \ brushes as well as from all 102 mm. \ 3(4-) \ " \ 102 mm. \ foreign matter such as 95 mm. \ (1,m \ " \ 95 mm. \ dust, dirt, or ox or horse 89mm. \ (3/2-) \ " \ 89 mm. \ tail hair or vegetable fibres 83mm. \ (3^-) \ " \ 83mm. \ or artifical fibres. 76 mm. \ (3") \ " \ 76 mm. \ 70mm. \ (2^/4") " 70 mm. 64 mm. \ (2/2") \ " \ 64 mm. \ 57mm. \ (2V4") \ " \ 57 mm. \ 51 mm. \ 3(2") \ " \ 51 mm. \ 44 mm. \ (1/4") \ " \ 44 mm. \ Shorts and \ (less \ " \ (Less than \ Riflings \ than \ " \ 44 mm.) \ (Less than \ 1^4) \ \ \ 44 mm.) \ \ \ (1) (2) (3) (4) 44 mm. \ (1 3/4") " \ 44 mm. Shorts and \ (less \ (Less than Riflings \ than " \ 44 mm.) (Less than 1 3/4") \ \ 44 mm.) "Extra Stiff Bristles arc such bristles as are obtained from wild boars and are thicker and stiffer than Stiff/Semi-Stiff bristles. "All bristles which do not consist wholly of black or white bristles respectively shall be classed as "Grey". The group may also contain bristles of colours other than black and white. @All bristles shall have root-ends and flag-ends pointing in opposite directions and shall be "Solid dressed' which term shall mean such dressing as to contain: (i) a minimum of 85 per cent of the specified grade designation length (called "tops"), the balance being made up of the next two lower grade lengths and unavoidable, the maximum tolerance for the latter being 5 per cent. in the case of grade designations 102 mm. and over; (ii) a minimum of 75 per cent of the specified grade designation length (called "tops"), the balance being made up of the next two lower grade lengths and unavoidable, the maximum tolerance for the latter being 8 per cent in the case grade designations 95 mm. to 64 mm; (iii) for grades 57 mm and 51 mm. a minimum of 75 per cent of bristles of the specified grade designation length (called "tops'), the balance being made up of the next lower grade lengths and unavoidable; (iv) for grade 44 mm. a minimum of 65 per cent of bristles of the specified grade designation length (called "tops'), the balance being made up of the next lower grade lengths and unavoidable; and (v) The following tolerance limits in respect of types shall be permitted : Grade designation Maximum percentage of Bristles of the next lower type according to stiffness to be tolerated 114 mm (4 1/2") and above. . . . 35 83 mm (3 1/4") and upto and including 40 108 mm (4 1/4"). 44 mm (1 3/4") and upto and including 45 76 mm (3")

SCHEDULE 4
SCHEDULE IV

(See rule 2 and rule 3) Grade designations and definition of quality of Bristles known commercially as *Stiff/Semi-Stiff Bristles produced in India \ \ \ \ \ Special characteristics \ \ \ \ \ General characteristics Grilde designation \ \ \ \ \ \ \ \ \ Colour** \ length \ (1) \ \ (2) \ (3) \ (4) 159 mm. \ (6'4- \ and White \ 159 mm. \ The bristles shall be the and over \ over) \ \ and over. \ natural product obtained 152 mm. \ (6") \ " \ 152 mm. \ from pigs, hogs or boars 146 mm. \ (5/4") \ " \ 146 mm. \ and shall be thoroughly 140 mm. \

(5/2") \ " \ 140 mm. \ washed, clean and dry in 133 mm. \ (5^4-) \ " \ 133 mm. \ their natural colour with 127 mm. \ 3(5") \ " \ 127 mm. \ root ends intact and free 121 mm. \ (^/4) \ " \ 121 mm. \ from damaged or reclai- 114 mm. \ (4/2") \ " \ 114 mm. \ med bristles obtained from 108 mm. \ (4V4") \ " \ 108 mm. \ brushes as well as from all 102 mm. \ 3(4-) \ " \ 102 mm. \ foreign matter such as 95 mm. \ (1,m \ " \ 95 mm. \ dust, dirt, or ox or horse 89mm. \ (3/2-) \ " \ 89 mm. \ tail hair or vegetable fibres 83mm. \ (3^-) \ " \ 83mm. \ or artifical fibres. 76 mm. \ (3") \ " \ 76 mm. \ \70mm. \ (2^/4") " 70 mm. 64 mm. \ (2/2") \ " \ 64 mm. \ 57mm. \ (2V4") \ " \ 57 mm. \ 51 mm. \ 3(2") \ " \ 51 mm. \ 44 mm. \ (1/4") \ " \ 44 mm. \ Shorts and \ (less \ " \ (Less than \ Riflings \ than \ " \ 44 mm.) \ (Less than \ 1^4) \ \ \ 44 mm.) \ \ \ *Stiff/Semi-Stiff Bristles are such bristles as are not soft or extra stiff. **The following colour tolerances shall be allowed : (a) In grades 114 mm. and over, non-whites shall not exceed 3 per cent. (b) In grades 108 mm. to 44 mm., non-whites shall not exceed 6 per cent. (c) In Shorts and Riflings, non-whites shall not exceed 12 per cent. @All bristles shall have root-ends and flag-ends pointing in opposite directions and shall be "solid dressed" which term shall mean such dressing as to contain : (i) a minimum of 85 per cent of the specified grade designation length (called "tops"), the balance being made up of the next two lower grade lengths and unavoidable, the maximum tolerance for the latter being 5 per cent in the case of grade designations 102 mm. and over; (ii) a minimum of 75 per cent of the specified grade designation length (called "tops"), the balance being made up of the next two lower grade lengths and unavoidable, the maximum tolerance for the latter being 8 per cent in the case of grade designations 95 mm. to 64 mm; (iii) for grades 57 mm and 51 mm. a minimum of 75 per cent of bristles of the specified grade designation length (called "tops"), the balance being made up of the next lower grade lengths and unavoidable; (iv) for grade 44 mm. a minimum of 65 per cent of bristles of the specified grade, designation length (called "tops"), the balance being made up of the next lower grade lengths and unavoidable; and (v) The following tolerance limits in respect of types shall be permitted: Grade designation Maximum percentage of Bristles of the next lower type according to stiffness to be tolerated 114 mm (4 1/2") and above. . . . 35 83 mm (3 1/4") and upto and including 40 108 mm (4 1/4"). 44 mm (1 3/4") and upto and including 45 76 mm (3")

SCHEDULE 5

SCHEDULE V

(See rule 2 and rule 3) Grade designations and definition of quality of Bristles known commercially as 'Stiff/Semi-Stiff Bristles produced in India \ \ Special characteristics \ \ \ \ General characteristics Gilde designation \ \ \ \ Colour** \ length \ (1) \ \ (2) \ (3) \ (4) 159 mm. \ (6'4- \ and Black \ 159 mm. \ The bristles shall be the and over \ over) \ \ and over. \ natural product obtained 152 mm. \ (6") \ " \ 152 mm. \ from pigs, hogs or boars 146 mm. \ (5/4") \ " \ 146 mm. \ and shall be thoroughly 140 mm. \ (5/2") \ " \ 140 mm. \ washed, clean and dry in 133 mm. \ (5^4-) \ " \ 133 mm. \ their natural colour with 127 mm. \ 3(5") \ " \ 127 mm. \ root ends intact and free 121 mm. \ (^/4) \ " \ 121 mm. \ from damaged or reclai- 114 mm. \ (4/2") \ " \ 114 mm. \ med bristles obtained from 108 mm. \ (4V4") \ " \ 108 mm. \ brushes as well as from all 102 mm. \ 3(4-) \ " \ 102 mm. \ foreign matter such as 95 mm. \ (1,m \ " \ 95 mm. \ dust, dirt, or ox or horse 89mm. \ (3/2-) \ " \ 89 mm. \ tail hair or vegetable fibres 83mm. \ (3^-) \ " \ 83mm. \ or artifical fibres. 76 mm. \ (3") \ " \ 76 mm. \ \70mm. \ (2^/4") " 70 mm. 64 mm. \ (2/2") \ " \ 64 mm. \ 57mm. \

(2V4") \ " \ 57 mm. \ 51 mm. \ 3(2") \ " \ 51 mm. \ 44 mm. \ (1/4") \ " \ 44 mm. \ Shorts and \ (less \ " \ (Less than \ Riflings \ than \ " \ 44 mm.) \ (Less than \ 1^4) \ \ \ 44 mm.) \ \ \ 'Stiff/Semi-stiff bristles are such bristles as are not soft or extra stiff. "The following colour tolerances shall be allowed : (a) In grades 114 mm. and over, non-blacks shall not exceed 3 per cent. (b) In grades 108 mm. to 44 mm., non-blacks shall not exceed 6 per cent. (c) In shorts and Riflings, non-blacks shall not exceed 12 per cent. @All bristles shall have root-ends and flag-ends pointing in opposite directions and shall be "solid dressed" which term shall mean such dressing as to contain : (i) a minimum of 85 per cent of the specified grade designation length (called "tops"), the balance being made up of the next two lower grade lengths and unavoidable, the maximum tolerance for the latter being 5 per cent in the case of grade designations 102 mm. and over; (ii) a minimum of 75 per cent of the specified grade designation length (called "tops"), the balance being made up of the next two lower grade lengths and unavoidable^, the maximum tolerance for the latter being 8 per cent in the case of grade designations 95 mm. to 64 mm; (iii) for grades 57 mm and 51 mm. a minimum of 75 per cent of bristles of the specified grade designation length (called 'tops'), the balance being made up of the next lower grade lengths and unavoidable: (iv) for grade 44 mm. a minimum of 65 per cent of bristles of the specified grade designation length (called 'tops'), the balance being made up of the next lower grade lengths and unavoidable: and (v) The following tolerance limits in respect of types shall be permitted : Grade designation Maximum percentage of Bristles of the next lower type according to stiffness to be tolerated 114 mm (4 1/2") and above.. . . 35 83 mm (3 1/4") and upto and including 40 108 mm (4 1/4"). 44 mm (1 3/4") and upto and including 45 76 mm (3")

SCHEDULE 6

SCHEDULE VI

(See rule 2 and rule 3) Grade designations and definition of quality of Bristles known commercially as "Stiff/Scmi-Stiff Bristles produced in India \ \ Special charateristics \ \ \ \ General characteristics Grilde designation \ \ \ \ Colour** \ length \ (1) \ \ (2) \ (3) \ (4) 159 mm. \ (6'4- \ and Grey \ 159 mm. \ The bristles shall be the and over \ over) \ \ and over. \ natural product obtained 152 mm. \ (6") \ " \ 152 mm. \ from pigs, hogs or boars 146 mm. \ (5/4") \ " \ 146 mm. \ and shall be thoroughly 140 mm. \ (5/2") \ " \ 140 mm. \ washed, clean and dry in 133 mm. \ (5^4-) \ " \ 133 mm. \ their natural colour with 127 mm. \ 3(5") \ " \ 127 mm. \ root ends intact and free 121 mm. \ (^/4") \ " \ 121 mm. \ from damaged or reclai- 114 mm. \ (4/2") \ " \ 114 mm. \ med bristles obtained from 108 mm. \ (4V4") \ " \ 108 mm. \ brushes as well as from all 102 mm. \ 3(4-) \ " \ 102 mm. \ foreign matter such as 95 mm. \ (1,m \ " \ 95 mm. \ dust, dirt, or ox or horse 89mm. \ (3/2-) \ " \ 89 mm. \ tail hair or vegetable fibres 83mm. \ (3^-) \ " \ 83mm. \ or artifical fibres. 76 mm. \ (3") \ " \ 76 mm. \ \70mm. \ (2^/4") \ " \ 70 mm. 64 mm. \ (2/2") \ " \ 64 mm. \ 57mm. \ (2V4") \ " \ 57 mm. \ 51 mm. \ 3(2") \ " \ 51 mm. \ 44 mm. \ (1/4") \ " \ 44 mm. \ Shorts and \ (less \ " \ (Less than \ Riflings \ than \ " \ 44 mm.) \ (Less than \ 1^4) \ \ \ 44 mm.) \ \ \ 'Stiff/Semi-stiff bristles are such bristles as are not soft or extra stiff. "All bristles which do not consist wholly of black or white bristles respectively shall be classed as "Grey". The group may also contain bristles of colours other than black and white. @All bristles shall have root-ends and flag-ends pointing in opposite directions and shall be "Solid dressed" which term shall mean such dressing as to contain: (i) a minimum of 85 per cent of the specified grade designation length (called

"tops"), the balance being made up of the next two lower grade lengths and unavoidable. the maximum tolerance for the latter being 5 per cent in the case of grade designations 102 mm. and over; (ii) a minimum of 75 per cent of the specified grade designation length (called "tops"), the balance being made up of the next two lower grade lengths and unavoidable, the maximum tolerance for the latter being 8 per cent in the case of grade designations 95 mm. to 64 mm; (iii) for grades 57 mm and 51 mm. a minimum of 75 per cent of bristles of the specified grade designation length (called "tops"), the balance being made up of the next lower grade lengths and unavoidable; (iv) for grade 44 mm. a minimum of 65 per cent of bristles of the specified grade designation length (called "tops"), the balance being made up of the next lower grade lengths and unavoidable; and (v) The following tolerance limits in respect of types shall be permitted :

Grade designation	Maximum percentage of Bristles of the next lower type according to stiffness to be tolerated
114 mm (4 1/2") and above. . . . 35	35
83 mm (3 1/4") and upto and including 40	108 mm (4 1/4").
44 mm (1 3/4") and upto and including 45	76 mm (3")

SCHEDULE 7

SCHEDULE VII

(See rule 2 and rule 3) Grade designations and definition of quality of Bristles known commercially as 'Soft Bristles produced in India \ \ Special characteristics \ \ \ \ General characteristics Grade designation \ \ \ \ \ Colour** \ length \ (1) \ \ (2) \ (3) \ (4) 159 mm. \ (6 1/4- \ and White \ 159 mm. \ The bristles shall be the and over \ over) \ \ and over. \ natural product obtained 152 mm. \ (6") \ " \ 152 mm. \ from pigs, hogs or boars 146 mm. \ (5 1/4") \ " \ 146 mm. \ and shall be thoroughly 140 mm. \ (5 1/2") \ " \ 140 mm. \ washed, clean and dry in 133 mm. \ (5 1/4-") \ " \ 133 mm. \ their natural colour with 127 mm. \ (5") \ " \ 127 mm. \ root ends intact and free 121 mm. \ (5 1/4") \ " \ 121 mm. \ from damaged or reclai- 114 mm. \ (4 1/2") \ " \ 114 mm. \ med bristles obtained from 108 mm. \ (4 1/4") \ " \ 108 mm. \ brushes as well as from all 102 mm. \ (4 1/4-") \ " \ 102 mm. \ foreign matter such as 95 mm. \ (1, m \ " \ 95 mm. \ dust, dirt, or ox or horse 89mm. \ (3 1/2-") \ " \ 89 mm. \ tail hair or vegetable fibres 83mm. \ (3 1/4-") \ " \ 83mm. \ or artificial fibres. 76 mm. \ (3") \ " \ 76 mm. \ 70mm. \ (2 1/4") \ " 70 mm. 64 mm. \ (2 1/2") \ " \ 64 mm. \ (1) (2) (3) (4) 57 mm. \ (2 1/4") \ " 57 mm. 51 mm. \ (2") \ " 51 mm. 44 mm. \ (1 3/4") \ " 44 mm. Shorts and \ (less \ " (Less than Riflings \ than \ " 44 mm.) (Less than \ 1 3/4") \ 44 mm.) \ \ 'Soft bristles are such bristles as are soft, and thinner than stiff/semi-stiff bristles. "The following colour tolerances shall be allowed : (a) In grades 114 mm. and over, non-whites shall not exceed 3 per cent. (b) In grades 108 mm. to 44 mm. non-whites shall not exceed 6 per cent. (c) in shorts and Riflings, non-whites shall not exceed 12 per cent. @All bristles shall have root-ends and flag ends pointing in opposite directions and shall be "sold dressed" which term shall mean such dressing as to contain : (i) a minimum of 85 per cent of the specified grade designation length (called "tops"), the balance being made up of the next two lower grade lengths and unavoidable, the maximum tolerance for the latter being 5 per cent in the case of grade designations 102 mm. and over; a minimum of 75 per cent of the specified grade designation length (called "tops"), the balance being made up of the next two lower grade lengths and unavoidable, the maximum tolerance for the latter being 8 per cent in the case of grade designations 95 mm. to 64 mm; for grades 57 mm and 51 mm. a minimum of 75 per cent of bristles of the specified grade designation length (called 'tops'), the balance being made up of the next lower grade

lengths and unavoidable; and for grade 44 mm. a minimum of 65 per cent of bristles of the specified grade designation length (called 'tops'), the balance being made up of the next lower grade lengths and unavoidable.

SCHEDULE 8

SCHEDULE VIII

(See rule 2 and rule 3) Grade designations and definition of quality of Bristles known commercially as 'Soft Bristles produced in India' \ \ Special characteristics \ \ \ \ General characteristics Grade designation \ \ \ \ \ Colour** \ length \ (1) \ (2) \ (3) \ (4) 159 mm. \ (6¹/₄- \ and Black \ 159 mm. \ The bristles shall be the and over \ over) \ \ and over. \ natural product obtained 152 mm. \ (6") \ " \ 152 mm. \ from pigs, hogs or boars 146 mm. \ (5¹/₄") \ " \ 146 mm. \ and shall be thoroughly 140 mm. \ (5¹/₂") \ " \ 140 mm. \ washed, clean and dry in 133 mm. \ (5¹/₄-) \ " \ 133 mm. \ their natural colour with 127 mm. \ 3(5") \ " \ 127 mm. \ root ends intact and free 121 mm. \ (^¹/₄") \ " \ 121 mm. \ from damaged or reclai- 114 mm. \ (4¹/₂") \ " \ 114 mm. \ med bristles obtained from 108 mm. \ (4V¹/₄") \ " \ 108 mm. \ brushes as well as from all 102 mm. \ 3(4-) \ " \ 102 mm. \ foreign matter such as 95 mm. \ (1, m \ " \ 95 mm. \ dust, dirt, or ox or horse 89mm. \ (3¹/₂-) \ " \ 89 mm. \ tail hair or vegetable fibres 83mm. \ (3¹/₂-) \ " \ 83mm. \ or artificial fibres. (1) (2) (3) (4) 76 mm. \ (3") \ " \ 76 mm. \ \ 70mm. \ (2¹/₄") \ " \ 70 mm. 64 mm. \ (2¹/₂") \ " \ 64 mm. \ 57mm. \ (2V¹/₄") \ " \ 57 mm. \ 51 mm. \ 3(2") \ " \ 51 mm. \ 44 mm. \ (1¹/₄") \ " \ 44 mm. \ Shorts and \ (less \ " \ (Less than \ Riflings \ than \ " \ 44 mm.) \ (Less than \ 1¹/₄) \ \ \ 44 mm.) \ \ \ \ *Soft bristles are such bristles as are soft, and thinner than stiff/semi-stiff bristles. * *The following colour tolerances shall be allowed : (a) In grades 114 mm. and over, non-blacks shall not exceed 3 per cent. (b) In grades 108 mm. to 44 mm. non-blacks shall not exceed 6 per cent. (c) In shorts and Riflings, non-black shall not exceed 12 per cent. @All bristles shall have root-ends and flag-ends pointing in opposite directions and shall be "solid dressed" which term shall mean such dressing as to contain: (i) a minimum of 85 per cent of the specified grade designation length (called "tops"), the balance being made up of the next two lower grade lengths and unavoidable, the maximum tolerance for the latter being 5 per cent in the case of grade designations 102 mm. and over; (ii) a minimum of 75 per cent of the specified grade designation length (called "tops"), the balance being made up of the next two lower grade lengths and unavoidable, the maximum tolerance for the latter being 8 per cent in the case of grade designations 95 mm. to 64 mm; (iii) for grades 57 mm and 51 mm. a minimum of 75 per cent of bristles of the specified grade designation length (called "tops"), the balance being made up of the next lower grade lengths and unavoidable; and (iv) for grade 44 mm. a minimum of 65 per cent of bristles of the specified grade designation length (called "tops"), the balance being made up of the next lower grade lengths and unavoidable.

SCHEDULE 9

SCHEDULE IX

(See rule 2 and rule 3) Grade designations and definition of quality of Bristles known commercially as 'Soft Bristles produced in India' \ \ Special characteristics \ \ \ \ General characteristics Grade designation \ \ \ \ \ Colour** \ length \ (1) \ (2) \ (3) \ (4) 159 mm. \ (6¹/₄- \ and Grey \ 159 mm. \ The bristles shall be the and over \ over) \ \ and over. \ natural product obtained 152 mm. \ (6") \ " \ 152 mm. \ from pigs, hogs or boars

146 mm. (5/4") and shall be thoroughly washed, clean and dry in 133 mm. (5^4-) 133 mm. their natural colour with 127 mm. (3(5")) root ends intact and free 121 mm. (^/4") 121 mm. from damaged or reclai- 114 mm. (4/2") 114 mm. med bristles obtained from 108 mm. (4V4") 108 mm. brushes as well as from all 102 mm. (3(4-)) 102 mm. foreign matter such as 95 mm. (1,m 95 mm. dust, dirt, or ox or horse 89mm. (3/2-) 89 mm. tail hair or vegetable fibres 83mm. (3^-) 83mm. or artifical fibres. 76 mm. (3") 76 mm. (1) (2) (3) (4) 70 mm. (2^/4") 70 mm. 64 mm. (2/2") 64 mm. 57 mm. (2V4") 57 mm. 51 mm. (3(2")) 51 mm. 44 mm. (1/4") 44 mm. Shorts and (less (Less than Riflings than 44 mm.) (Less than 1^4) 44 mm.) Soft bristles are such bristles as are soft, and thinner than Stiff/Semi-Stiff bristles. "All bristles which do not consist wholly of black or white bristles respectively shall be classed as "Grey". The group may also contain bristles of colours other than black and white. @All bristles shall have root-ends and flag-ends pointing in opposite directions and shall be "solid dressed" which term shall mean such dressing as to contain : (i) a minimum of 85 per cent of the specified grade designation length (called "tops"), the balance being made up of the next two lower grade lengths and unavoidable, the maximum tolerance for the latter being 5 per cent in the case of grade designations 102 mm. and over; (ii) a minimum of 75 per cent of the specified grade designation length (called "tops"), the balance being made up of the next two lower grade lengths and unavoidable, the maximum tolerance for the latter being 8 per cent in the case of grade designations 95 mm. to 64 mm; (iii) for grades 57 mm and 51 mm, a minimum of 75 per cent of bristles of the specified grade designation length (called "tops"), the balance being made up of the next lower grade lengths and unavoidable; and (iv) for grade 44 mm. a minimum of 65 per cent of bristles of the specified grade designation length (called 'tops'), the balance being made up of the next lower grade lengths and unavoidable

SCHEDULE 9A

SCHEDULE IX - A

(See rule 2 and rule 3) Grade designation and definition of quality of cut Bristles Grade Designation Special Characteristics (Length) - General Characteristics Colour Type 1 2 3 4 length as spcified in the White Extra stiff cut bristles 1. Cut bristles with flag bends firm order' with flag ends. shall be obtained by cutting Length as specified in the -do- Extra stiff cut bristles root ends of bristles conform- firm order' with root ends. ming to any grade designation from 57 mm and above as pres- cribed in Schedules I to IX. Length as specified in the -do- Stiff/semi-stiff cut bristles 2. Cut bristles with root ends firm order' -do- with flag ends. Stiff/ shall be obtained by cutting flag semi-stiff cut bristles ends of bristles conforming to a with root ends. any grade designation from 57 mm and above as prescribed in Schedules I to IX. 3 1 2 3 4 Length as specified in the -do- Soft cut bristles with 3. Cut bristles of each type shall firm order* flag ends. be packed separately. Length as specified in the -do- Soft cut bristles with firm order* roots ends. Length as specified in the Black Extra stiff cut bristles 4. The entire operation of firm order* with flag ends. cutting the bristles for obtain- Length as specified in the -do- Extra stiff cut bristles ing the cut bristles shall firm order* with root ends. be carried out under the supervision of an officer of the Directorate of Marketing and Inspection, length as specified in the Black Stiff/Semi-Stiff cut bris- 5. Bundles of bristles can

have firm order* ties with flag ends. root flag ends and cut ends in opposite or same direction. Length as specified in the -do- Stiff/semi-stiff cut bris- 6. All cut bristles shall be solid firm order* ties with flag ends. dressed and shall have the same Length as specified in the -do- Soft cut bristles with meaning as given in the foot firm order* Flag ends. note to Schedules I to IX Length as specified in the -do- Soft cut bristles with except that the length of the cut firm order* root ends. bristles nearer to any grade/ designation length given in Schedules I to IX shall be taken as specified grade designation length (called 'tops') for the purpose of ascertaining tolerance, limits in length. Length as specified in the Grey Extra-stiff cut bristles with 7. Colour tolerance limits firm order* flag ends. shall be the same as that prescribed for bristles from which cut bristles have been obtained.] Length as specified in the -do- Extra-stiff cut bristles with firm order* root ends. Length as specified in the -do- Stiff/Semi-Stiff cut bristles with firm order* flag ends. Length as specified in the -do- Stiff/Semi-Stiff cut bristles with firm order* root ends. Length as specified in the -do- Soft cut bristles with flag ends. firm order* Length as specified in the -do- Soft cut bristles with root ends. firm order* "Firm Order" means that the entire value of goods contracted for should have been obtained in advance by opening a cent percent irrevocable letter of credit in India which is encashable on the production of a shipping bill supported by receipt of shipment or guaranteed in any other way.

SCHEDULE 10

SCHEDULE X

[See rule 2(2) and rule 3] Special Grades of Bristles In addition to the requirements specified for General Grades in Schedules I to IX, Special Grades of bristles shall satisfy the following requirements, namely:- (1) Subject to the tolerance limits specified below, all bristles shall be free from nits (egg capsules left by hog-lice), and- (i) bundles of bristles shall not contain more than 8 infested hairs per bundle upto and inclusive of 95 mm. (3 3/4") in length; and (ii) bundles of bristles shall not contain more than 5 infested hairs per bundle exceeding 95 mm. (3 3/4") in length. (2) The following colour tolerance limits shall be allowed- (i) in grades 114 mm. (4") and over, non-whites (in the case of whites) and non-blacks (in the case of blacks) shall not exceed 1 per cent; (ii) In grades 108 mm. to 44 mm., (4" to 1 3/4"), non-whites (in the case of whites) and non-blacks (in the case of blacks) shall not exceed 2 per cent; and (iii) in Shorts and Riflings, non-whites (in the case of whites) and non- blacks (in the case of blacks) shall not exceed 3 per cent. (3) All bristles shall have root-ends and flag-ends pointing in opposite directions and shall be "solid dressed" which term shall mean such dressing as to contain- (i) a minimum of 85 per cent of the specified grade designation length (called "tops"), the balance being made up of the next two lower grade lengths and unavoidable, the maximum tolerance for the latter being 3 per cent in the case of grade designations 102 mm. and over (4" and over); (ii) a minimum of 75 per cent of the specified grade designation length (called "tops"), the balance being made up of the next two lower grade lengths and unavoidable, the maximum tolerance for the latter being 5 per cent in the case of grade designations 95 mm. to 64 mm. (3- to 2"); (iii) for grades 57 mm. and 51 mm. (2" and 2") a minimum of 75 per cent of bristles of the specified grade designation length (called "tops"), the balance being made up of the next lower grade lengths and unavoidable; and (iv) for grade 44 mm. (13/4") a minimum of 65 per cent of bristles of the specified grade designation length (called "tops"), the balance being made up of the next lower grade lengths

and unavoidable.

SCHEDULE 10A

SCHEDULE X-A

[See rule 2(2) and rule 3] Special Grade Cut Bristles In addition to the requirements specified for cut bristles in Schedule IX-A, Special grade cut bristles shall satisfy the following requirements, namely: 1. d) Special Grade cut Bristles with flag-ends shall be obtained by cutting root ends of Special Grades of Bristles of lengths 57 mm and above conforming to requirements specified in Schedule X; (ii) Special Grade Cut Bristles with root ends shall be obtained by cutting flag ends of Special Grades of Bristles of lengths 57 mm and above conforming to requirements specified in Schedule X. 2. Colour tolerance limits shall be the same as that prescribed for bristles from which cut bristles have been obtained]

SCHEDULE 11

SCHEDULE XI

[See rule 2(2) and rule 3] Select Grades of Bristles In addition to the requirements specified for General Grades in Schedules I to IX, and for Special Grades in Schedule X, Select Grades of Bristles shall be free from nits (egg capsules left by hog-lice) and- (i) bundles of bristles shall not contain more than 16 infested hairs per bundle upto and inclusive of 95 mm. (3 3/4") in length; and (ii) bundles of bristles shall not contain more than 10 infested hairs per bundle exceeding 95 mm. (3 3/4") in length.

SCHEDULE 11A

SCHEDULE XI-A

[See rule 2(2) and rule 3] Select Grade Cut Bristles In addition to the requirements specified for Special Grade Cut Bristles in Schedule X-A., Select Grade Cut Bristles shall be free from nits (egg capsules left by hog-lice) and bundles of cut bristles shall not contain more than 10 infested hairs per bundle and shall be those obtained only from Select Grades of Bristles".

SCHEDULE 12

SCHEDULE XII

[See rule 4] Grades Designation Mark for Bristles