

TOBACCO GRADING (COMERCIAL) RULES

1. Short title commencement and application .-

shall be sound*. clean and free from excess moisture and other extraneous matter**.

(1) These Rules may be called the Tobacco Grading (Commercial) Rules, 1987.

(3) They shall apply to tobacco (Nicotiana tabacum L. and Nicotiana L.) grown in India and traded in the

2. Special characteristics- : Special characteristics as described under column 3 to 7 of the schedule constitute quality prescribed for different grade designations. Important terms used in the Schedule have been defined which form a part of the schedule.

@ Tobacco dried of its sap by either natural or markets, auction platforms, marketing, cooperatives, ware houses and other similar marketing institutions.

artificial process.

2. Grade designation: - The grade designations to

indicate the quality of tobacco referred to in sub-rule (3) or rule 1 are those set out in column 2 of the or other bacterial diseases which affect tobacco in its cured state, Including tobacco having the odour of mould, must or rot.

* The tobacco shall be regarded as 'sound' if it is free from the effect of mould, rot, black-rot or other fungus

3. Definition of quality :-

**Any foreign matter or material such as straw, strings

1. General Characteristics: Quality indicated by such grade designations shall be that such tobacco shall consist of whole leaf duly cured @. All the Tobacco

rubber bands grass weeds or any excessive amount of dirt or sand.

SCHEDULE-I

(See rules 2 and 3)

Grade designation and definition of quality of un manufactured Flue-cured Virginia tobacco grown in Karnataka State

Plant Position	Grade designation	Colour	Spot/Blemish injury/waste in terms of percentage	Maturity/grain/ texture	Body	Description of leaf
1	2	3	4	5	6	7
Primings (P)	P1L	Bright Lemon	Upto 20%	More ripe and grainy	very thin	'Priming (P)' consists of first two or three leaves from the bottom of a plant. Being sand leaf shows a material amount of injury and subject to disease to a larger extent compared to other positions. Comparatively short leaf having open face and an earthy nose.
	P2L	Fairly bright lemon	20 to 30%	More ripe and grainy	very thin	"
	P3L	lemon	30 to 55%	More ripe and grainy	very thin	"
	P4L	lemon	up to 80%	More ripe and grainy	very thin	"
	P5L	lemon	More than 80%	More ripe and grainy	very thin	"
	P10	Bright Orange	Upto 20%	More ripe and grainy	very thin	"

	P20	Fairly bright Orange	20 to 30%	More ripe and grainy	very thin	"
	P30	Orange	30 to 40%	More ripe	very thin	"
	P40	Orange	Up to 80%	More ripe	very thin	"
	P50	Orange	More than 80%	More ripe	very thin	"
	P1J	Pale lemon of orange	Up to 20%	Unripe to ripe and close grained	very thin	Leaves from 'P' position consisting of slick, sponge, coarse, harsh, scorched, immature and dry natured tobacco.
	P2J	Pale lemon to orange	20 to 30%	Unripe to ripe & close grained	Very thin	"
	P3J	Pale lemon to orange	30 to 55%	Unripe to ripe & close grained	Very thin	"
	P4J	Pale lemon to up to 80% Orange	Up to 80%	Unripe to ripe & close grained	Very thin	"
	P5J	Pale lemon to Orange	More than 80%	Unripe to ripe & close grained	Very thin	"
Lugs and Cutters (X)'	X1L	Bright lemon	up to 20%	Ripe and very grainy	Thin to medium	'Lugs and Cutters (X)' consist of four to five leaves above "Priming" position. Comparatively broader leaves with wider spread from buttends. Elastic, fine texture with natural lusture, characterized by small midribs and veins.
	X2L	Fairly bright lemon	20 to 30%	Ripe and very grainy	"	"
	X3L	Lemon	30 to 55%	Ripe and very grainy	thin to medium	"
	X4L	Lemon	up to 80%	Ripe and very grainy	thin to medium	"
	X5L	Lemon	More than 80%	Ripe and very grainy	thin to medium	"
	X10	Bright Orange	Up to 20%	Ripe and very grainy	thin to medium	"
	X20	Fairly bright Orange	20 to 30%	Ripe and very grainy	thin to medium	"
	X30	Orange	30 to 55%	Ripe and very grainy	thin to medium	"
	X40	Orange	Up to 80%	Ripe and very grainy	thin to medium	"
	X50	Orange	More than 80%	Ripe and very grainy	thin to medium	"
	X1J	Pale lemon to Orange	Up to 20%	Unripe to ripe and close grained	thin to medium	Leaves from 'X' position consisting of slick sponge, coarse, sponge, harsh, scorched, immature and dry natured tobacco.
	X2J	Pale lemon To orange	20 to 30%	Unripe to ripe & close grained	Thin to medium	"
	X3J	Pale lemon to	30 to 55%	Unripe to ripe	Thin to	"

		orange		& close grained	medium	
X4J		Pale lemon to up to 80%		Unripe to ripe	Thin to	"
		Orange		& close grained	medium	
X5J		Pale lemon to More than 80%		Unripe to ripe	Thin to	"
		Orange		& close grained	medium	
L1L		Bright lemon up to 20%		Ripe and medium grainy	medium to heavy	'Leaf (L)' consist of four to five leaves above Lugs and Cutter (X) position. Usually long, but not as broad as cutters, gummy but not very elastic. Generally having pronounced midrib and veins. They tend to fold along the midrib.
L2L	Fairly bright lemon	20 to 30%		Ripe and very grainy.	Medium to Heavy	"
L3L	Lemon	30 to 55%		Ripe and medium Grainy.	Medium to Heavy	"
L4L	Lemon	up to 80%		Ripe and medium Grainy.	Medium to Heavy	"
L5L	Lemon	More than 80%		Ripe and medium Grainy.	Medium to Heavy	"
L10	Bright Orange	Up to 20%		Ripe and medium Grainy.	Medium to Heavy	"
L20	Fairly bright Orange	20 to 30%		Ripe and medium grainy.	Medium to Heavy	"
L30	Orange	30 to 55%		Ripe and medium Grainy.	Medium to Heavy	"
L40	Orange	Up to 80%		Ripe and medium Grainy.	Medium to Heavy	"
L50	Orange	More than 80%		Ripe and medium grainy	Medium to Heavy	"
L5(R)	Mahagony	More than 80%	Grainy	Ripe and medium heavy	Medium to	
L1J	Pale lemon to Orange	Up to 20%		Unripe to ripe and very close grained.	Medium to Heavy	Leaves from 'L' position consisting of slick sponge, harsh, scorched, immature and dry natured tobacco.
L2J	Pale lemon to orange	20 to 30%		Unripe to ripe and very close grained.	Medium to Heavy	"
L3J	Pale lemon to orange	30 to 55%		Unripe to ripe and very close grained.	Medium to Heavy	"
L4J	Pale lemon to Orange	up to 80%		Unripe to ripe and very close grained.	Medium to Heavy	"
L5J	Pale lemon to Orange	More than 80%		Unripe to ripe and very close grained.	Medium to Heavy	"
Tips (T)	T2L	Lemon	up to 30%	under ripe medium to close grained.	Medium to heavy	'Tips (T)' consist of three to four leaves above Leaf Position. Pointed tips, with narrow blade, coarse texture having deep colour intensity.

						Leaf having prominent midribs and veins.	
	T3L	Lemon	30 to 55%	Under Ripe medium to close grained.	Medium to Heavy		"
	T20	Orange	up to 30%	Under Ripe medium to close grained.	Medium to Heavy		"
	T30	Orange	30 to 55%	Under Ripe medium to close grained.	Medium to Heavy		"
	T40	Orange	Up to 80%	Under Ripe medium to close grained.	Medium to Heavy		"
	T50	Orange	More than 80%	Under Ripe medium to close grained.	Medium to Heavy.		"
	T4R	Mahagony	Up to 80%	Under Ripe medium to close grained.	Medium to Heavy.		"
	T5R	Mahagony	More than 80%	Under Ripe medium to close grained.	Medium to Heavy.		"
	T2J	Pale lemon to Orange	Up to 30%	Under ripe, close grained	Medium to Heavy	Leaves from 'T' position consisting of slick sponge, harsh, scorched, immature and dry natured tobacco.	"
	L3J	Pale lemon to orange	33 to 55%	Under ripe close grained	Medium to Heavy		"
	L4J	Pale lemon to Orange	up to 80%	Under ripe Close grained	Medium to Heavy		"
	L5J	Pale lemon to Orange	More than 90%	Under ripe Close grained	Medium to Heavy		"
Priming Lugs & Cutters	BG (Bottom Green)	Bright yellow or lemon or orange to light brownish yellow or orange or lemon with greenish tinge on	Up to 25%	Ripe, grainly, fine to medium	Thin to medium	Leaves from priming, Lugs and Cutters position	
	BMG (Bottom medium Green)	Bright yellow or lemon or orange to light brownish yellow or orange or Lemon with green Cast on	Up to 50%	Ripe, grainly, fine to medium	Thin to medium	Leaves from Priming, Lugs and Cutters position,	
Leaf and Tips	TG (Top Green)	Deep yellow or lemon or orange to light brownish yellow with greenish tinge on	Up to 25%	Under ripe to ripe, less grainy, medium to coarse	Medium to heavy	Leaves from leaf and tips positions,	

Leaf and Tips	TMG (Top medium Green)	Deep lemon yellow or orange to light brownish orange or yellow with green cast on	Up to 50%	Under ripe to ripe, less grainy, to close grained medium to coarse	Medium to heavy	Leaves from Leaf and tips position
Priming, Lugs & Cutters. Leaf and Tips	No-G (No grade)	-	-	-		Leaf or part of the leaf (except stems free of lamina) which includes perished and trashy leaf, scrap and bits from all positions not falling into any of the above grades. Free from any foreign matter extraneous to tobacco.

Note :- (1) For accidental errors in grading a tolerance limit of not exceeding 10% of the leave corresponding to the specification of the next lower grade will be allowed. For this purpose the grade in each position on the basis of colour/style (Lemon, Orange and 'J' style grade) will be considered as a separate unit. Green grades (BG, BMG, TG, TMG) will be considered entirely as a separate unit. Admixture of leaves of different plants positions and colors will not be allowed in any grade.

(2) All the above grades of flue-cured Virginia tobacco containing more than 5 per cent admixture of undesirable tobacco produced on saline and low lying areas shall be marked with an additional letter (s) suffixing the grade designation mark. Definitions of various important terms used in the schedules.

1. Plant position : It is position of the leaves on a plant.
2. Grade designation : A grade designation normally consists of three symbols which indicate plant position, quality and color respectively. A letter is used to indicate plant position, a number to indicate quality and a letter to indicate colour (L-Lemon O-Orange and R-Mahagony)
3. Blemish : It includes damage due to pests and diseases.
4. Body : The thickness and density of leaf or mass per unit of surface.
5. Grain : The structure and arrangement of the cells and fibers of the tobacco leaf resulting weave or texture.
6. Close grain : Abnormal development of leaf, resulting in a tight or close structure of cell and fibers, and a flat surface of the leaf.
7. Open grain : Normal development of leaf, resulting in an open structure of cells and fibers, and wrinkly surface of the leaf.
8. Ripe/unripe : Denote maturity of leaf. Ripped tobacco is matured and open grained whereas, unripe tobacco is immature and close grained.
9. Under ripe : Leaf which is slightly immature.
10. Slick : Very close-grained, immature and heavy bodied tobacco.
11. Sponge : Any discoloration of tobacco, formation of blemish or scars in curing due to run back or by changes in temperatures.
12. Scorched : Tobacco showing a noticeable degree of red caused by excessive heat.
13. Harsh : Tobacco having unpleasant and irritating smell.
14. Dry nature: Any lot of tobacco which meets all the requirements of a grade but is dry in nature shatters or tears easily.