



QUALITY STANDARDS

SPECIFICATIONS FOR PINEAPPLE (PNFPL0012)

Ananas (Hindi), Ananas (Kannada), Annasipalam (Tamil), Ananasa (Telugu)

1. GENERAL CHARACTERISTICS

Pineapple shall be clean, firm, fresh, and mature and shall have color and shape characteristics of variety. Pineapple shall be free from cut/crack, holes, long stem and any type of damage caused by pressure, handling and mechanical means. Pineapple shall not be soft, over ripe and misshape and shall be free from rotting, fungal infection, insect and disease infestation. Pineapple shall not have abnormal external moisture and shall be free from foreign smell and/or taste. Pineapple shall be harvested at mature, firm and green stage to avoid damage during transit. Pineapple shall be with green and fresh crown. The size of crown shall not be bigger than the length of fruit.

2. SAMPLING PLAN

Sampling plan-D will be followed for sampling and quality inspection of Pineapple

3. GRADES

There shall be three Grades for Pine apple viz., Grade-A, Grade-B and Grade-C. The size requirement for these grades shall be as follows:

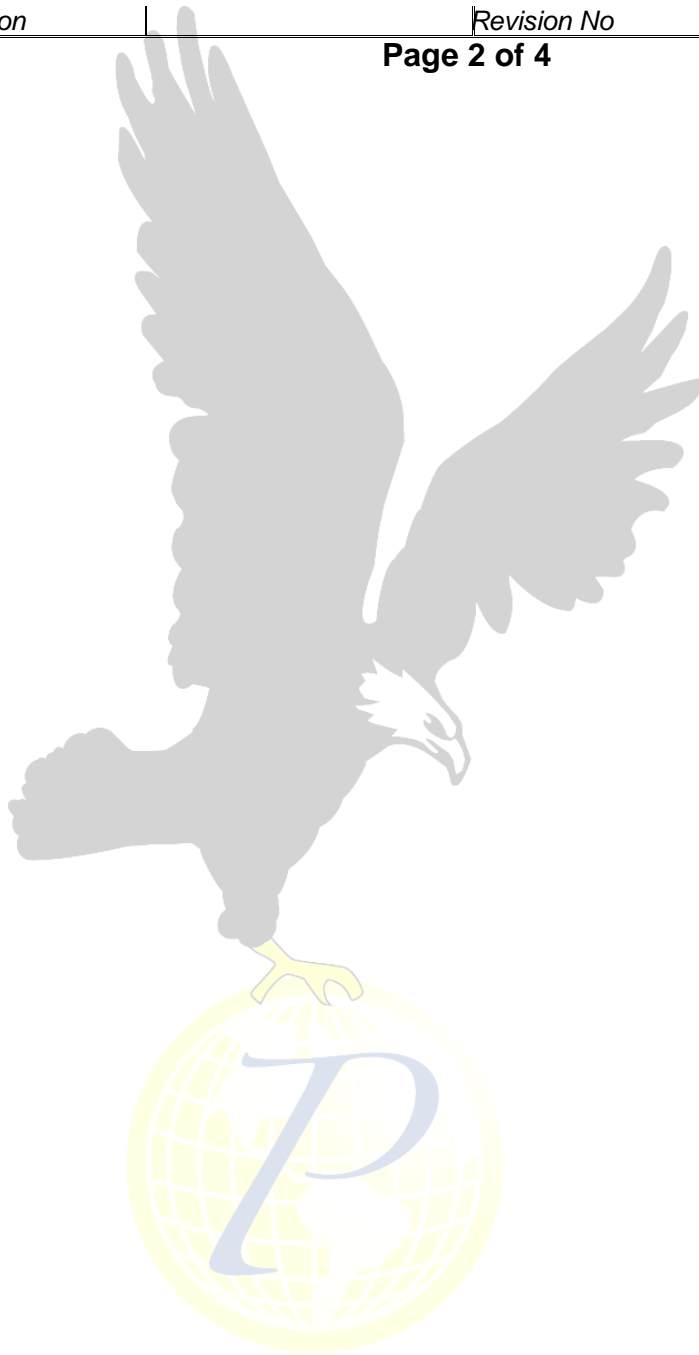
4. SIZE

	GRADE-A	GRADE-B	GRADE-C
Weight (gms)	> 1 kg.	< 1 kg	Any size

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5. QUALITY PARAMETERS

DEFECTS	GRADE-A	GRADE-B	GRADE-C
MISSHAPE	Not allowed	Allowed (slight misshape)	Allowed
IMMATURE	Not allowed	Not allowed	Allowed
OVER RIPE	Not allowed	Not allowed	Allowed
PRESSURE DAMAGE/SOFT	Not allowed	Not allowed	Not allowed
CUT/CRACK	Not allowed	Not allowed	Not allowed
HOLES	Not allowed	Allowed upto 3 healed holes	Allowed only healed holes
LONG STEM	Not allowed	Not allowed	Not allowed
LONG CROWN	Not allowed	Allowed	Allowed
WITHOUT CROWN	Not allowed	Not allowed	Allowed
MECHANICAL DAMAGE	Not allowed	Not allowed	Not allowed
INSECT DAMAGE	Not allowed	Not allowed	Not allowed
DISEASED	Not allowed	Not allowed	Not allowed
ROTTING/ FUNGAL INFECTED	Not allowed	Not allowed	Not allowed



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6. GRADES AND CRITERIA FOR CHECKING

DEFECTS	GRADE-A			GRADE-B			GRADE-C		
	MINOR	MAJOR	SERIOUS	MINOR	MAJOR	SERIOUS	MINOR	MAJOR	SERIOUS
MISSHAPE	Allowed (Slight misshape)	Allowed	N.A.	Allowed	N.A.	N.A.	N.A.	N.A.	N.A.
IMMATURE	Allowed	N.A.	N.A.	Allowed	N.A.	N.A.	N.A.	N.A.	N.A.
OVER RIPE	Allowed	N.A.	N.A.	Allowed	N.A.	N.A.	N.A.	N.A.	N.A.
PRESSURE DAMAGE/SOFT	≤5% surface area	>5% surface area	N.A.	≤5% surface area	>5% surface area	N.A.	≤10% surface area	>10% surface area	N.A.
CUT/CRACK	Deep cut/crack ≤2 cm. long	Deep cut/crack >2cm. long.	N.A.	Deep cut/crack ≤ 3cm long	Deep cut/crack > 3 cm. long	N.A.	Deep cut/crack ≤46cm long	Deep cut/crack > 4 cm. long	N.A.
HOLES	≤2 holes of <10mm dia.	>2 holes of >10mm dia	N.A.	≤3 holes of < 10 mm dia	>3 holes of > 10 mm. dia	N.A.	N.A.	Allowed	N.A.
LONG STEM	> 5 cm long	N.A.	N.A.	> 8 cm long	N.A.	N.A.	N.A.	N.A.	N.A.
LONG CROWN	If the size of crown is bigger than the fruit length	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WITHOUT CROWN	Allowed	N.A.	N.A.	Allowed	N.A.	N.A.	N.A.	N.A.	N.A.
MECHANICAL DAMAGE	≤2 sq. cm surface area	>2sq.cm surface area	N.A.	2-4 sq. cm. surface area	> 4 sq. cm. surface area	N.A.	≤5% surface area	>5% surface area	N.A.
INSECT DAMAGE	N.A.	Allowed	N.A.	N.A.	Allowed	N.A.	N.A.	Allowed	N.A.
DISEASED	N.A.	N.A.	≤1% in a lot	N.A.	N.A.	≤2% in a lot	N.A.	N.A.	≤5% in a lot
ROTTING/FUNGAL INFECTED	N.A.	N.A.	≤1% in a lot	N.A.	N.A.	≤2% in a lot	N.A.	N.A.	≤ 5% in a lot

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N.A. - Not Applicable

NOTE:

1. Percentage of defects allowed or disallowed in a particular grade will be determined based on weight in a sample lot.
2. More than one defect in an individual piece will be considered as major defect.
3. Extent of defect not covered in minor, major & serious categories of Grade A, B & C means it is allowed in that particular grade.

7. DEFECT & SIZE TOLERANCE (BY WEIGHT)

DEFECT TOLERANCE	GRADE-A	GRADE-B	GRADE-C
MINOR DEFECTS	10%	20%	100%
MAJOR DEFECTS	2%	10%	50%
SERIOUS DEFECTS	1%	2%	5%
SIZE TOLERANCE	10%	20%	N.A.



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