



General Standard MD2 Gold Pineapple Quality Specification

General Characteristics

- MD2 Hybrid.
- Grown in conformity with Global-GAP regulations.
- Precooled immediately after harvest to a temperature of 45°F, 8°C.

Minimum and Maximum Fruit Characteristics

<u>Description</u>		<u>Comment</u>
1. Brix	13.0%	minimum no maximum
2. Color	0.5 1-2 2.5	minimum Preferred maximum
3. Translucency	1.0 2.5	minimum maximum
4. Total (titrated) Acidity	0.5% 0.8%	minimum maximum

Minimum Individual Fruit Weights

Depending on the count individual fruit weights should not be less than:

Count 5	2.300 grams
Count 6	1.920 grams
Count 7	1.600 grams
Count 8	1.400 grams
Count 9	1.100 grams
Count 10	1.000 grams
Quality Defects not accepted	



<u>Abbreviation / Description</u>	<u>Acceptance</u>	<u>Comments</u>
1. SF / Soft Fruit	nil	Rejected
2. BD / Bruises	nil	Rejected
3. BR / Brown Rot	nil	Rejected
4. CS. / Cracked Skin	nil	Rejected
5. DF / Dirty Fruit	nil	Rejected
6. ER / Erwina	nil	Rejected
7. FCR / Fruitlet Core Rot	nil	Rejected
8. FM / Foreign Matter	nil	Rejected
9. RD / Rodent Damage	nil	Rejected
10.LF / Large Fruit	nil	Rejected
11.LP / Leathery Pocket	nil	Rejected
12.MB / Mealy Bug	nil	Rejected
13.MC / Multiple Crown	nil	Rejected
14.MF / Malformed Fruit	nil	Rejected
15.CF / Crownless Fruit	nil	Rejected
16.OP / Old Peduncle	nil	Rejected
17.RF / Ripe Fruit	nil	Rejected
18.SF / Small Fruit	nil	Rejected
19.SK / Sinkers	nil	Rejected
20.TV / Thielaviopsis Rot	nil	Rejected
21.UF / Underweight Fruit	nil	Repack
22.FM / Fermentation	nil	Rejected

Quality Defects with some acceptance

<u>Abbreviation / Description</u>	<u>Limits of acceptance</u>
23. BN / Bottleneck	less than 0.5 inches in height
24. DC / Damaged Crown	less than 4 leaves damage per fruit
25. LC / Crown size	From 0.5 to 1 times the fruit length
26. CR / Small Cracks on shell	lesion affects no more than 2 eyes
27. CK / Corky Shell	no more than 2 eyes slightly affected
28. DC / Deformed Crown	less than 30° crown inclination
29. BN / Base Nodules	no more than one small nodule
30. SB / Sunburn	light yellow coloration only, no brown
31. EP / Excess Peduncle	less than ½ inch or 13mm in length
32. Deformed fruit	Light malformations
33. Conical fruit	No more than 20% diameter difference
34. Insect damage or gummosis	No more than 1cm² total area affected
35. Brown base	Less than 20% of the base brown 0 black



Tolerance

- Any given box must have no more than 10% of the fruit with defects in excess to the above limits.
- Boxes more than 10% of fruit showing defects in excess of the above limits are considered out of specification.

Quality Preferences.

- The preferred relationship of fruit size / Crown size is 1:1
- Color preferred from 1.5 to 2, color 2, 5 only for USA market.
- Translucency preferred is 1 to 2



Color 0



Color 1



Color 2



Color 3



Color 4



Standard Gold Crownless Quality Specification (Summary)

General Characteristics

- True to type; MD2 hybrid.
- Grown in conformity with GLOBAL- GAP regulations.
- Waxed and packed in clean packaging
- Precooled after harvest to a temperature of 45°F, 8°C

Minimum and Maximum Fruit Characteristics

<u>Description</u>		<u>Comment</u>
1. Brix	13.5%	minimum
no maximum		
2. Color	0.0	minimum
	3.0	maximum
3. Translucency	1.0	minimum
	2.5	maximum
4. Total acidity	0.5%	minimum
	0.8%	maximum
5. Ascorbic Acid	50mg/100g	minimum
no maximum		

Minimum weights for individual fruit.

Size 5, Count 7	2000 g.
Size 6, Count 8	1700 g.
Size 7, Count 9	1400 g.
Size 8 Count 11	1200 g.
Size 10 Count 15	850 g.



Quality defects with some tolerance.

<u>Abbreviation / Description</u>	<u>Limits of tolerance.</u>
1. SB / Sunburn	Yellow coloration only, no brown No internal burning is allowed
2. MF/ Malformation	Moderate malformation.
3. CN/ Conical fruit	Moderate. No more than 10% difference between fruit base and upper part.
4. GM / Gummosis	One or 2 small (0.5 cm ²) lesions.
5. TD / Insect damage	One or 2 small (0.5 cm ²) lesions.

Quality Defects not accepted to be packed

<u>Abbreviation / Description</u>	<u>Acceptance</u>	<u>Comments</u>
6. SF / Soft Fruit	nil	Rejected
7. BD / Bruises	nil	Rejected
8. BR / Brown Rot	nil	Rejected
9. CS. / Cracked Skin	nil	Rejected
10. DF / Dirty Fruit	nil	Rejected
11. ER / Erwinia	nil	Rejected
12. FCR / Fruit Core Rot	nil	Rejected
13. FM / Foreign Matter	nil	Rejected
14. RD / Rodent Damage	nil	Rejected
15. LF / Large Fruit	nil	Rejected
16. MB / Mealy Bugs	nil	Rejected
17. MF / Severe Malformation.	nil	Rejected
18. OP / Old Peduncle	nil	Rejected
19. RF / Very Ripe Fruit	nil	Rejected
20. SF / Small Fruit	nil	Rejected
21. SK / Sinkers	nil	Rejected
22. TV / Thielaviopsis Rot	nil	Rejected
23. UF / Underweight Fruit	nil	Repack
24. FM / Fermentation	nil	Rejected
25. FS/ Fusarium rot	nil	Rejected

Tolerance in boxes.

- Any given box must have no more than 1 fruit with those defects with defined tolerances.



