

Goulburn Valley apple and pear maturity testing program – 2024

Weekly Report – Thursday, 14 March 2024

The *Goulburn Valley apple and pear maturity testing program* is delivered by Fruit Growers Victoria Ltd as part of the industry *Apple and pear quality program* and is co-funded by Apple and Pear Australia (APAL) for the 2024 season.

FGVL is pleased to be working collaboratively with APAL on this important on-farm fruit maturity monitoring work towards delivering the best eating experience for the customer and driving market growth.



ORCHARDIST		BLOCK / VARIETY		DATE		COMMENTS
KYABRAM GRANNY SMITH		KYABRAM GRANNY SMITH		14/03/2024		
SAMPLE	SIZE	PRESSURE		ACID/PLATE	SUGAR	
	(Diameter. mm)	(side a)	(side b)		(oBrix)	
1	70.0	8.0	9.1	3.0	11.0	OK FOR LTCA
2	71.0	9.6	8.6	3.0	11.0	
3	71.0	10.6	9.3	2.0	11.0	
4	71.0	9.5	9.0	2.0	11.0	
5	74.0	9.2	7.8	3.5	11.0	
6	76.0	9.3	9.3	3.0	10.0	
7	76.0	8.8	8.2	3.0	10.0	
8	68.0	7.9	8.8	2.5	11.0	
9	70.0	8.6	8.8	3.0	11.0	
10	70.0	9.5	9.1	3.0	11.0	
AVG	71.7	9.0		2.8	10.8	
ALL BLOCKS	71.7	8.8		2.9	11.6	

STORAGE TERM	LIMIT	STARCH RANGE		SUGAR RANGE		PRESSURE RANGE		STORAGE
		MIN PLATE	MAX PLATE	MIN BRIX	MAX BRIX	MIN KG	MAX KG	
LONG	FEBRUARY	2.0	3.0	10.0	16.0	7.0	9.9	OK TO STORE
MEDIUM	NOVEMBER	3.0	4.0	10.5	16.0	6.6	8.8	DO NOT STORE
SHORT	SEPTEMBER	4.0	5.5	10.7	16.0	6.4	8.5	DO NOT STORE
MINIMAL	6 WEEKS			13.0		6.4	8.5	DO NOT STORE



ORCHARDIST		BLOCK / VARIETY		DATE		COMMENTS
TATURA GRANNY SMITH		TATURA GRANNY SMITH		14/03/2024		
SAMPLE	SIZE	PRESSURE		ACID/PLATE	SUGAR	
	(Diameter. mm)	(side a)	(side b)		(oBrix)	
1	71.0	9.2	9.1	4.0	12.0	OK FOR MTCA
2	70.0	8.7	8.1	4.0	12.0	
3	72.0	8.9	8.5	3.0	11.0	
4	71.0	8.7	8.2	4.0	13.0	
5	70.0	9.4	9.2	4.0	11.0	
6	72.0	9.6	9.4	3.0	13.0	
7	76.0	8.0	8.7	3.0	11.0	
8	70.0	9.2	8.9	2.0	12.0	
9	75.0	7.5	8.7	3.0	12.0	
10	70.0	8.9	8.8	3.0	12.0	
AVG	71.7	8.8		3.3	11.9	
ALL BLOCKS	71.7	8.8		2.9	11.6	

STORAGE TERM	LIMIT	STARCH RANGE		SUGAR RANGE		PRESSURE RANGE		STORAGE
		MIN PLATE	MAX PLATE	MIN BRIX	MAX BRIX	MIN KG	MAX KG	
LONG	FEBRUARY	2.0	3.0	10.0	16.0	7.0	9.9	DO NOT STORE
MEDIUM	NOVEMBER	3.0	4.0	10.5	16.0	6.6	8.8	OK TO STORE
SHORT	SEPTEMBER	4.0	5.5	10.7	16.0	6.4	8.5	DO NOT STORE
MINIMAL	6 WEEKS			13.0		6.4	8.5	DO NOT STORE



ORCHARDIST		BLOCK / VARIETY		DATE		COMMENTS
SHEPP EAST GRANNY SMITH		SHEPP EAST GRANNY SMITH		14/03/2024		
SAMPLE	SIZE	PRESSURE		ACID/PLATE	SUGAR	
	(Diameter. mm)	(side a)	(side b)		(oBrix)	
1	70.0	9.8	8.6	3.0	12.0	OK FOR LTCA
2	70.0	7.4	9.4	2.0	12.0	
3	74.0	8.7	8.7	3.0	12.0	
4	70.0	9.0	8.9	3.0	12.0	
5	70.0	10.0	9.1	3.0	12.0	
6	70.0	9.7	8.7	3.0	12.0	
7	71.0	9.2	9.3	2.0	12.0	
8	78.0	8.2	9.1	3.0	12.0	
9	73.0	7.9	8.0	2.0	12.0	
10	71.0	8.1	7.7	3.0	12.0	
AVG	71.7	8.8		2.7	12.0	
ALL BLOCKS	71.7	8.8		2.9	11.6	

STORAGE TERM	LIMIT	STARCH RANGE		SUGAR RANGE		PRESSURE RANGE		STORAGE
		MIN PLATE	MAX PLATE	MIN BRIX	MAX BRIX	MIN KG	MAX KG	
LONG	FEBRUARY	2.0	3.0	10.0	16.0	7.0	9.9	OK TO STORE
MEDIUM	NOVEMBER	3.0	4.0	10.5	16.0	6.6	8.8	DO NOT STORE
SHORT	SEPTEMBER	4.0	5.5	10.7	16.0	6.4	8.5	DO NOT STORE
MINIMAL	6 WEEKS			13.0		6.4	8.5	DO NOT STORE

