

# Goulburn Valley apple and pear maturity testing program – 2024

Weekly Report – Wednesday, 31 January 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 WBC		KYABRAM WBC		31/01/2024		
SAMPLE	SIZE	PRESSURE		ACID/PLATE	SUGAR	
	(Diameter. mm)	(side a)	(side b)		(oBrix)	
1	79.0	8.7	8.5		12.0	Background colour changing
2	71.0	8.4	9.6		12.0	
3	75.0	8.5	8.1		12.0	
4	68.0	9.5	8.4		11.0	
5	70.0	9.3	8.4		11.0	
6	72.0	7.8	9.4		11.0	
7	76.0	9.9	10.8		12.0	
8	70.0	8.8	9.3		12.0	
9	70.0	8.5	8.4		10.0	
10	66.0	9.8	9.4		10.0	
<b>AVG</b>	<b>71.7</b>	<b>9.0</b>			<b>11.3</b>	
ALL BLOCKS	73.6	8.9			11.3	

STORAGE TERM	LIMIT	STARCH RANGE		SUGAR RANGE		PRESSURE RANGE		STORAGE
		MIN PLATE	MAX PLATE	MIN BRIX	MAX BRIX	MIN KG	MAX KG	
LONG	MAY			10.9	14.5	7.9	10.1	OK TO STORE
MEDIUM	APRIL			11.5	14.5	7.1	8.0	DO NOT STORE
SHORT	MARCH			11.5	14.5	5.6	7.6	DO NOT STORE
MINIMAL	6 WEEKS			12.0		4.5	7.0	DO NOT STORE



ORCHARDIST		BLOCK / VARIETY		DATE		COMMENTS
TATURA WBC		TATURA WBC		31/01/2024		
SAMPLE	SIZE	PRESSURE		ACID/PLATE	SUGAR	
	(Diameter. mm)	(side a)	(side b)		(oBrix)	
1	84.0	9.5	9.8		12.0	Background colour changing
2	74.0	9.4	9.2		10.0	
3	73.0	9.6	9.9		10.0	
4	73.0	9.7	9.5		11.0	
5	78.0	8.2	8.9		11.0	
6	83.0	8.3	8.4		11.0	
7	79.0	9.4	8.4		11.0	
8	74.0	8.6	9.6		11.0	
9	69.0	8.4	11.0		11.0	
10	71.0	10.6	9.4		11.0	
<b>AVG</b>	<b>75.8</b>	<b>9.3</b>			<b>10.9</b>	
ALL BLOCKS	73.6	8.9			11.4	

STORAGE TERM	LIMIT	STARCH RANGE		SUGAR RANGE		PRESSURE RANGE		STORAGE
		MIN PLATE	MAX PLATE	MIN BRIX	MAX BRIX	MIN KG	MAX KG	
LONG	MAY			10.9	14.5	7.9	10.1	OK TO STORE
MEDIUM	APRIL			11.5	14.5	7.1	8.0	DO NOT STORE
SHORT	MARCH			11.5	14.5	5.6	7.6	DO NOT STORE
MINIMAL	6 WEEKS			12.0		4.5	7.0	DO NOT STORE



ORCHARDIST		BLOCK / VARIETY		DATE		COMMENTS
SHEPP EAST WBC		SHEPP EAST WBC		31/01/2024		
SAMPLE	SIZE	PRESSURE		ACID/PLATE	SUGAR	
	(Diameter. mm)	(side a)	(side b)		(oBrix)	
1	83.0	7.2	7.7		13.0	Background colour changing
2	74.0	8.3	8.2		12.0	
3	73.0	8.5	9.3		11.0	
4	70.0	8.2	7.5		13.0	
5	72.0	9.0	8.8		11.0	
6	76.0	8.3	8.4		11.0	
7	77.0	8.1	8.1		13.0	
8	71.0	8.5	9.4		12.0	
9	68.0	10.2	9.5		12.0	
10	69.0	9.3	8.3		12.0	
<b>AVG</b>	<b>73.3</b>	<b>8.5</b>			<b>12.0</b>	
ALL BLOCKS	73.6	8.9			11.3	

STORAGE TERM	LIMIT	STARCH RANGE		SUGAR RANGE		PRESSURE RANGE		STORAGE
		MIN PLATE	MAX PLATE	MIN BRIX	MAX BRIX	MIN KG	MAX KG	
LONG	MAY			10.9	14.5	7.9	10.1	OK TO STORE
MEDIUM	APRIL			11.5	14.5	7.1	8.0	DO NOT STORE
SHORT	MARCH			11.5	14.5	5.6	7.6	DO NOT STORE
MINIMAL	6 WEEKS			12.0		4.5	7.0	DO NOT STORE





ORCHARDIST		BLOCK / VARIETY		DATE		COMMENTS
KYABRAM PKT		KYABRAM PKT		31/01/2024		
SAMPLE	SIZE	PRESSURE		ACID/PLATE	SUGAR	
	(Diameter. mm)	(side a)	(side b)		(oBrix)	
1	78.0	7.5	7.0		12.0	
2	82.0	8.3	7.4		11.0	
3	79.0	7.7	6.9		12.0	
4	79.0	7.1	7.9		11.0	
5	81.0	8.4	8.0		11.0	
6	76.0	7.3	7.0		12.0	
7	76.0	7.7	7.8		12.0	
8	74.0	7.4	7.6		12.0	
9	75.0	8.1	7.6		11.0	
10	72.0	8.5	7.7		11.0	
<b>AVG</b>	<b>77.2</b>	<b>7.6</b>			<b>11.5</b>	
ALL BLOCKS	75.4	8.0			11.9	

STORAGE TERM	LIMIT	STARCH RANGE		SUGAR RANGE		PRESSURE RANGE		STORAGE
		MIN PLATE	MAX PLATE	MIN BRIX	MAX BRIX	MIN KG	MAX KG	
LONG	DECEMBER	2.0	3.0	11.0	18.0	6.4	8.0	OK TO STORE
MEDIUM	SEPTEMBER	3.0	4.0	12.5	18.0	6.2	7.6	DO NOT STORE
SHORT	JULY	4.0	5.0	12.5	18.0	4.9	6.2	DO NOT STORE
MINIMAL	6 WEEKS							DO NOT STORE



ORCHARDIST		BLOCK / VARIETY		DATE		COMMENTS
TATURA PKT		TATURA PKT		31/01/2024		
SAMPLE	SIZE	PRESSURE		ACID/PLATE	SUGAR	
	(Diameter. mm)	(side a)	(side b)		(oBrix)	
1	83.0	7.6	10.0		11.0	
2	79.0	8.1	8.1		13.0	
3	76.0	7.8	8.6		12.0	
4	73.0	9.5	9.0		12.0	
5	74.0	8.9	8.4		12.0	
6	73.0	9.0	8.7		10.0	
7	79.0	8.4	9.0		12.0	
8	75.0	7.5	8.4		11.0	
9	65.0	8.4	7.4		12.0	
10	69.0	10.1	9.9		11.0	
<b>AVG</b>	<b>74.6</b>	<b>8.6</b>			<b>11.6</b>	
ALL BLOCKS	75.4	8.0			11.9	

STORAGE TERM	LIMIT	STARCH RANGE		SUGAR RANGE		PRESSURE RANGE		STORAGE
		MIN PLATE	MAX PLATE	MIN BRIX	MAX BRIX	MIN KG	MAX KG	
LONG	DECEMBER	2.0	3.0	11.0	18.0	6.4	8.0	DO NOT STORE
MEDIUM	SEPTEMBER	3.0	4.0	12.5	18.0	6.2	7.6	DO NOT STORE
SHORT	JULY	4.0	5.0	12.5	18.0	4.9	6.2	DO NOT STORE
MINIMAL	6 WEEKS							DO NOT STORE



ORCHARDIST		BLOCK / VARIETY		DATE		COMMENTS
SHEPP EAST PKT		SHEPP EAST PKT		31/01/2024		
SAMPLE	SIZE	PRESSURE		ACID/PLATE	SUGAR	
	(Diameter. mm)	(side a)	(side b)		(oBrix)	
1	74.0	8.5	8.9		12.0	
2	82.0	6.4	7.0		13.0	
3	79.0	7.4	7.4		13.0	
4	81.0	7.2	7.2		13.0	
5	80.0	7.5	8.0		12.0	
6	75.0	7.4	7.8		12.0	
7	72.0	7.4	7.5		13.0	
8	67.0	8.8	7.5		13.0	
9	67.0	8.8	8.5		13.0	
10	68.0	7.9	8.4		12.0	
<b>AVG</b>	<b>74.5</b>	<b>7.8</b>			<b>12.6</b>	
ALL BLOCKS	75.4	8.0			11.9	

STORAGE TERM	LIMIT	STARCH RANGE		SUGAR RANGE		PRESSURE RANGE		STORAGE
		MIN PLATE	MAX PLATE	MIN BRIX	MAX BRIX	MIN KG	MAX KG	
LONG	DECEMBER	2.0	3.0	11.0	18.0	6.4	8.0	OK TO STORE
MEDIUM	SEPTEMBER	3.0	4.0	12.5	18.0	6.2	7.6	DO NOT STORE
SHORT	JULY	4.0	5.0	12.5	18.0	4.9	6.2	DO NOT STORE
MINIMAL	6 WEEKS							DO NOT STORE





ORCHARDIST		BLOCK / VARIETY		DATE		COMMENTS
KYABRAM BOSC		KYABRAM BOSC		31/01/2024		
SAMPLE	SIZE	PRESSURE		ACID/PLATE	SUGAR	
	(Diameter. mm)	(side a)	(side b)		(oBrix)	
1	69.0	7.7	9.7		13.0	
2	70.0	9.1	10.1		13.0	
3	73.0	8.1	9.4		12.0	
4	80.0	11.4	7.9		12.0	
5	69.0	9.4	9.7		13.0	
6	66.0	10.4	9.3		13.0	
7	72.0	12.0	9.9		14.0	
8	66.0	9.0	10.0		13.0	
9	69.0	8.4	10.2		12.0	
10	65.0	9.3	8.3		12.0	
<b>AVG</b>	<b>69.9</b>	<b>9.4</b>			<b>12.7</b>	
ALL BLOCKS	71.0	9.4			13.2	

STORAGE TERM	LIMIT	STARCH RANGE		SUGAR RANGE		PRESSURE RANGE		STORAGE
		MIN PLATE	MAX PLATE	MIN BRIX	MAX BRIX	MIN KG	MAX KG	
LONG	DECEMBER			11.8	14.5	6.8	8.5	DO NOT STORE
MEDIUM	SEPTEMBER			12.7	14.5	6.2	6.7	DO NOT STORE
SHORT	JULY			13.1	14.5	5.8	6.1	DO NOT STORE
MINIMAL	6 WEEKS			12.0		5.5	6.5	DO NOT STORE





ORCHARDIST		BLOCK / VARIETY		DATE		COMMENTS
TATURA BOSCH		TATURA BOSCH		31/01/2024		
SAMPLE	SIZE	PRESSURE		ACID/PLATE	SUGAR	
	(Diameter. mm)	(side a)	(side b)		(oBrix)	
1	67.0	10.8	10.1		14.0	Pollinator tree
2	77.0	10.8	8.5		14.0	
3	79.0	10.6	11.0		13.0	
4	72.0	8.1	9.2		14.0	
5	70.0	11.3	9.8		13.0	
6	77.0	7.5	9.0		13.0	
7	74.0	9.1	8.6		14.0	
8	70.0	7.8	7.8		14.0	
9	66.0	9.1	9.5		14.0	
10	68.0	9.8	9.1		13.0	
<b>AVG</b>	<b>72.0</b>	<b>9.4</b>			<b>13.6</b>	
ALL BLOCKS	71.0	9.4			13.2	

STORAGE TERM	LIMIT	STARCH RANGE		SUGAR RANGE		PRESSURE RANGE		STORAGE
		MIN PLATE	MAX PLATE	MIN BRIX	MAX BRIX	MIN KG	MAX KG	
LONG	DECEMBER			11.8	14.5	6.8	8.5	DO NOT STORE
MEDIUM	SEPTEMBER			12.7	14.5	6.2	6.7	DO NOT STORE
SHORT	JULY			13.1	14.5	5.8	6.1	DO NOT STORE
MINIMAL	6 WEEKS			12.0		5.5	6.5	DO NOT STORE

