

Goulburn Valley apple and pear maturity testing program – 2024

Weekly Report – Thursday, 28 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 | | 28/03/2024 | | |
| SAMPLE | SIZE | PRESSURE | | ACID/PLATE | SUGAR | |
| | (Diameter. mm) | (side a) | (side b) | | (oBrix) | |
| 1 | 76.0 | 9.6 | 8.2 | 4.0 | 12.8 | OK FOR MTCA AND DIRECT |
| 2 | 73.0 | 7.4 | 7.7 | 4.0 | 10.9 | |
| 3 | 73.0 | 9.1 | 8.1 | 4.0 | 11.3 | |
| 4 | 69.0 | 8.5 | 8.8 | 4.0 | 11.1 | |
| 5 | 72.0 | 8.3 | 9.6 | 4.0 | 12.3 | |
| 6 | 72.0 | 8.3 | 8.4 | 3.5 | 10.9 | |
| 7 | 69.0 | 8.9 | 8.2 | 3.5 | 10.6 | |
| 8 | 70.0 | 8.3 | 8.2 | 3.5 | 11.1 | |
| 9 | 72.0 | 10.0 | 8.9 | 3.5 | 11.1 | |
| 10 | 70.0 | 8.4 | 7.6 | 4.0 | 11.2 | |
| AVG | 71.6 | 8.5 | | 3.8 | 11.3 | |
| ALL BLOCKS | 71.9 | 8.5 | | 3.6 | 12.1 | |

| 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 | 10.4 | 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 |
|---------------------|----------------|---------------------|----------|------------|-------------|------------------------|
| TATURA GRANNY SMITH | | TATURA GRANNY SMITH | | 28/03/2024 | | |
| SAMPLE | SIZE | PRESSURE | | ACID/PLATE | SUGAR | |
| | (Diameter. mm) | (side a) | (side b) | | (oBrix) | |
| 1 | 73.0 | 9.1 | 8.6 | 4.0 | 13.0 | OK FOR MTCA AND DIRECT |
| 2 | 76.0 | 8.0 | 8.6 | 5.0 | 12.8 | |
| 3 | 74.0 | 9.3 | 8.7 | 4.0 | 12.9 | |
| 4 | 70.0 | 8.4 | 9.6 | 3.0 | 13.2 | |
| 5 | 71.0 | 7.6 | 8.4 | 4.0 | 12.2 | |
| 6 | 70.0 | 9.3 | 8.9 | 3.5 | 12.7 | |
| 7 | 72.0 | 7.9 | 8.6 | 4.0 | 12.7 | |
| 8 | 72.0 | 9.2 | 8.7 | 3.5 | 11.2 | |
| 9 | 74.0 | 9.5 | 8.9 | 3.5 | 12.0 | |
| 10 | 75.0 | 9.3 | 8.8 | 3.5 | 13.2 | |
| AVG | 72.7 | 8.8 | | 3.8 | 12.6 | |
| ALL BLOCKS | 71.9 | 8.6 | | 3.6 | 12.1 | |

| 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 | 10.4 | 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 | | 28/03/2024 | | |
| SAMPLE | SIZE | PRESSURE | | ACID/PLATE | SUGAR | |
| | (Diameter. mm) | (side a) | (side b) | | (oBrix) | |
| 1 | 70.0 | 9.8 | 8.4 | 3.0 | 14.2 | OK FOR MTCA AND DIRECT |
| 2 | 71.0 | 8.6 | 8.1 | 3.0 | 12.7 | |
| 3 | 70.0 | 8.5 | 8.3 | 3.0 | 11.7 | |
| 4 | 73.0 | 9.8 | 8.5 | 3.0 | 12.4 | |
| 5 | 72.0 | 8.8 | 8.8 | 3.0 | 13.0 | |
| 6 | 71.0 | 8.2 | 9.1 | 3.0 | 12.2 | |
| 7 | 75.0 | 8.6 | 8.6 | 3.5 | 11.6 | |
| 8 | 70.0 | 9.4 | 7.8 | 3.0 | 12.5 | |
| 9 | 71.0 | 8.9 | 8.4 | 3.0 | 11.6 | |
| 10 | 72.0 | 8.1 | 8.3 | 3.0 | 12.3 | |
| AVG | 71.5 | 8.6 | | 3.1 | 12.4 | |
| ALL BLOCKS | 71.9 | 8.7 | | 3.6 | 12.1 | |

| 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 | 10.4 | 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 |

