

# MATURITY TEST REPORT



APAL

FGV is pleased to announce that FGV's Goulburn Valley maturity testing as part of APAL's quality monitoring program will be co-funded for the remainder of the season with APAL.

It is great to be working collaboratively with APAL on important work needed for monitoring fruit maturity on farm.

| ORCHARDIST       |                | BLOCK / VARIETY  |          | DATE       |             | COMMENTS                      |
|------------------|----------------|------------------|----------|------------|-------------|-------------------------------|
| KYABRAM GRANNIES |                | KYABRAM GRANNIES |          | 6/04/2022  |             |                               |
| SAMPLE           | SIZE           | PRESSURE         |          | ACID/PLATE | SUGAR       |                               |
|                  | (Diameter. mm) | (side a)         | (side b) |            | (oBrix)     |                               |
| 1                | 89.0           | 6.5              | 7.0      | 3.5        | 10.0        | MEDIUM TERM STORAGE OR DIRECT |
| 2                | 89.0           | 7.0              | 8.0      | 4.5        | 12.0        |                               |
| 3                | 84.0           | 6.0              | 6.0      | 4.0        | 10.0        |                               |
| 4                | 85.0           | 7.0              | 7.5      | 3.5        | 10.5        |                               |
| 5                | 76.0           | 7.5              | 7.0      | 3.5        | 12.0        |                               |
| 6                | 78.0           | 7.5              | 7.5      | 4.0        | 10.0        |                               |
| 7                | 78.0           | 7.0              | 8.0      | 4.0        | 11.0        |                               |
| 8                | 76.0           | 7.0              | 6.0      | 4.0        | 10.0        |                               |
| 9                | 78.0           | 7.0              | 7.5      | 4.0        | 10.0        |                               |
| 10               | 73.0           | 7.0              | 7.5      | 3.0        | 11.0        |                               |
| <b>AVG</b>       | <b>80.6</b>    | <b>7.1</b>       |          | <b>3.8</b> | <b>10.7</b> |                               |
| ALL BLOCKS       | 76.9           | 7.5              |          | 3.9        | 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            | 9.0    | DO NOT STORE |
| MEDIUM       | NOVEMBER  | 3.0          | 4.0       | 10.5        | 16.0     | 6.6            | 8.8    | OK TO STORE  |
| SHORT        | SEPTEMBER | 4.0          | 5.0       | 11.4        | 16.0     | 6.6            | 8.5    | DO NOT STORE |
| MINIMAL      | 6 WEEKS   |              |           | 13.0        |          | 6.5            | 8.5    | DO NOT STORE |



| ORCHARDIST       |                | BLOCK / VARIETY  |          | DATE       |             | COMMENTS                      |
|------------------|----------------|------------------|----------|------------|-------------|-------------------------------|
| ARDMONA GRANNIES |                | ARDMONA GRANNIES |          | 6/04/2022  |             |                               |
| SAMPLE           | SIZE           | PRESSURE         |          | ACID/PLATE | SUGAR       |                               |
|                  | (Diameter. mm) | (side a)         | (side b) |            | (oBrix)     |                               |
| 1                | 85.0           | 7.5              | 7.0      | 3.5        | 11.0        | MEDIUM TERM STORAGE OR DIRECT |
| 2                | 83.0           | 8.0              | 7.5      | 3.0        | 12.0        |                               |
| 3                | 78.0           | 8.0              | 8.0      | 3.0        | 12.0        |                               |
| 4                | 82.0           | 8.5              | 7.0      | 6.0        | 13.5        |                               |
| 5                | 75.0           | 8.0              | 7.5      | 4.0        | 11.0        |                               |
| 6                | 76.0           | 8.0              | 8.0      | 3.5        | 12.0        |                               |
| 7                | 80.0           | 8.0              | 9.0      | 3.5        | 11.0        |                               |
| 8                | 73.0           | 7.5              | 0.5      | 3.5        | 11.0        |                               |
| 9                | 75.0           | 7.5              | 8.0      | 3.5        | 11.0        |                               |
| 10               | 75.0           | 7.5              | 7.5      | 3.5        | 11.0        |                               |
| <b>AVG</b>       | <b>78.2</b>    | <b>7.4</b>       |          | <b>3.7</b> | <b>11.6</b> |                               |
| ALL BLOCKS       | 76.9           | 7.5              |          | 3.9        | 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            | 9.0    | DO NOT STORE |
| MEDIUM       | NOVEMBER  | 3.0          | 4.0       | 10.5        | 16.0     | 6.6            | 8.8    | OK TO STORE  |
| SHORT        | SEPTEMBER | 4.0          | 5.0       | 11.4        | 16.0     | 6.6            | 8.5    | DO NOT STORE |
| MINIMAL      | 6 WEEKS   |              |           | 13.0        |          | 6.5            | 8.5    | DO NOT STORE |



| ORCHARDIST          |                | BLOCK / VARIETY     |          | DATE       |             | COMMENTS                     |
|---------------------|----------------|---------------------|----------|------------|-------------|------------------------------|
| SHEPP EAST GRANNIES |                | SHEPP EAST GRANNIES |          | 6/04/2022  |             |                              |
| SAMPLE              | SIZE           | PRESSURE            |          | ACID/PLATE | SUGAR       |                              |
|                     | (Diameter. mm) | (side a)            | (side b) |            | (oBrix)     |                              |
| 1                   | 78.0           | 7.5                 | 7.5      | 4.0        | 13.0        | SHORT TERM STORAGE OR DIRECT |
| 2                   | 75.0           | 8.0                 | 8.0      | 3.0        | 12.5        |                              |
| 3                   | 75.0           | 8.0                 | 7.0      | 4.0        | 11.0        |                              |
| 4                   | 74.0           | 8.5                 | 8.0      | 4.0        | 12.0        |                              |
| 5                   | 72.0           | 8.0                 | 7.5      | 4.0        | 13.0        |                              |
| 6                   | 73.0           | 9.0                 | 7.5      | 4.5        | 12.5        |                              |
| 7                   | 71.0           | 7.0                 | 8.0      | 5.0        | 12.0        |                              |
| 8                   | 69.0           | 8.0                 | 7.0      | 3.0        | 11.5        |                              |
| 9                   | 65.0           | 8.0                 | 8.5      | 6.0        | 14.0        |                              |
| 10                  | 66.0           | 8.0                 | 9.0      | 3.0        | 13.0        |                              |
| <b>AVG</b>          | <b>71.8</b>    | <b>7.9</b>          |          | <b>4.1</b> | <b>12.5</b> |                              |
| ALL BLOCKS          | 76.9           | 7.5                 |          | 3.9        | 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            | 9.0    | DO NOT STORE |
| MEDIUM       | NOVEMBER  | 3.0          | 4.0       | 10.5        | 16.0     | 6.6            | 8.8    | DO NOT STORE |
| SHORT        | SEPTEMBER | 4.0          | 5.0       | 11.4        | 16.0     | 6.6            | 8.5    | OK TO STORE  |
| MINIMAL      | 6 WEEKS   |              |           | 13.0        |          | 6.5            | 8.5    | DO NOT STORE |

