

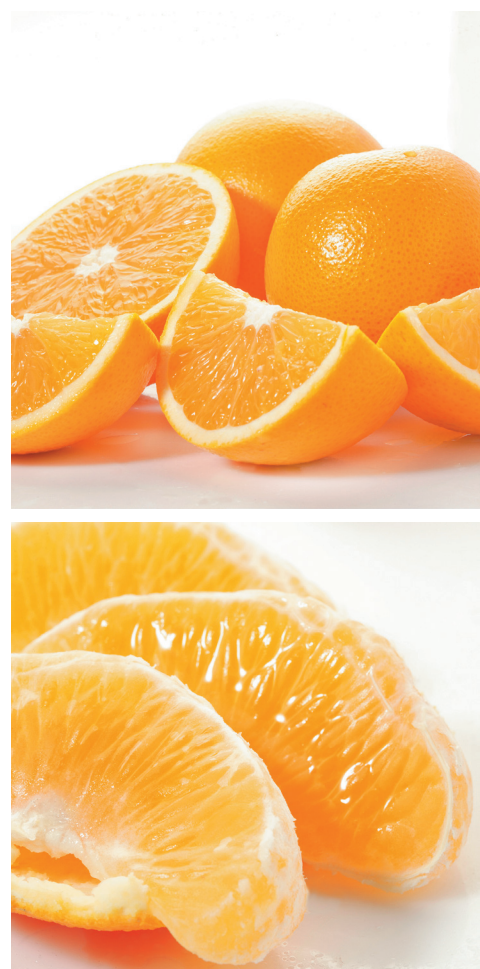
ALPHA (Mid maturing valencia)

GENERAL INFORMATION

| | |
|----------------------|--|
| Parentage | Branch mutation in an Olinda Valencia orchard |
| Origin | Nelspruit, Mpumalanga, South Africa |
| Status | Commercial* |
| Tested True to Type: | Confirmed at the Citrus Foundation Block in 2007 |

AVERAGE INTERNAL QUALITY

| | Delta | Alpha | Midnight |
|---------------|-------------|------------|------------|
| Juice% | 48 – 56 | 53 – 58 | 50 – 59 |
| Brix° | 10.5 – 12.5 | 9 – 11 | 9.0 – 12.5 |
| Total Acid% | 1.0 – 1.3 | 1.0 – 1.4 | 1.0 – 1.3 |
| Brix/TA Ratio | 8 – 12 | 8.5 – 11.5 | 9 – 12 |



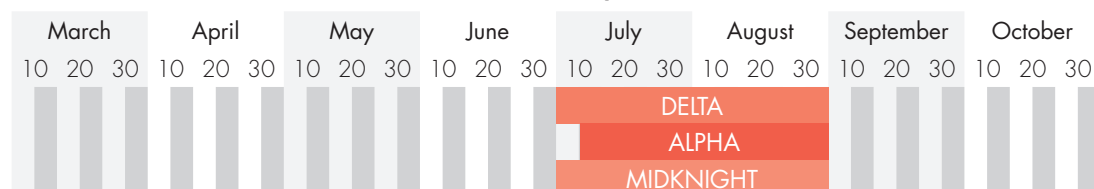
TREE CHARACTERISTICS

| | |
|-------------------------|---|
| Growth habit | Vigorous but compact |
| Rootstocks used to date | Carizzo citrange |
| Alternate bearing | One to two gibberellic acid sprays are recommended to prevent alternate bearing |

FRUIT CHARACTERISTICS

| | |
|---------------------|---|
| Average Fruit size | 77 – 80 mm |
| Fruit shape | Round, with the occasional slightly elongated fruit |
| External appearance | Fruit is firm with an orange, pebbly rind. Similar appearance to Benny Valencia |
| Internal appearance | Orange flesh with a closed core, and a slight rag |
| Seed | No seeds found in cultivar evaluation blocks |

RIPENING CALENDAR (Southern Hemisphere)



*See status descriptions at www.citrogold.co.za