

ARCCIT 9 (Nadorcott LS)

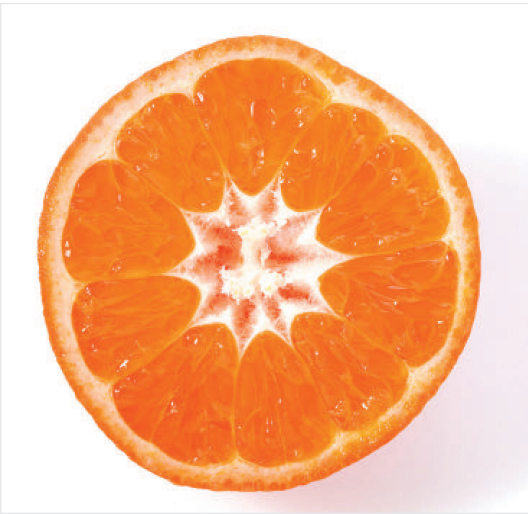
GENERAL INFORMATION

| | |
|-----------|--------------------------------------|
| Type | Mandarin |
| Parentage | Induced mutation of Nadorcott |
| Origin | ARC-ITSC, Addo, South Africa |
| PBR | Status: Provisional CPVO Protection* |
| Status | IVIA, Spain |

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

RELATIVE INTERNAL QUALITY TESTS

| Variety/ Rootstock | Fruit weight (g) | Juice % | Sugar content (°Brix) | Acid % | B:A Ratio | BrimA |
|-----------------------|------------------------|------------|-----------------------------|-----------|--------------|-------|
| Nadorcott | | 50-60 | 11-15 | 0.8-1.5 | 10-15 | |
| Nadorcott A9 | | 50-60 | 11-15 | 0.8-1.5 | 10-15 | |
| Nova | | 48-52 | 11-14 | 0.7-1.3 | 10-17 | |



TREE CHARACTERISTICS

| | |
|-------------------------------------|---|
| Rootstock recommendations | Carizzo citrange, C35, MxT, Troyer, Sunki Bourke, Benton and X639 |
| Tree characteristics | Upright growing, vigorous and precocious; without thorns |
| Alternate bearing | Manage crop load to minimise alternate bearing |
| Alternaria alternata susceptibility | Very tolerant |

FRUIT CHARACTERISTICS

| | |
|-----------------------|--|
| Fruit size | Calibres 3 - 1X (55 - 68 mm) |
| Fruit shape | Oblate with occasional slight neck |
| Rind characteristics | Smooth. Deep-orange at maturity. Easy peeling with low rind-oil content |
| Flesh characteristics | A brilliant bright orange, with an open core. Albedo has a slight pink colouration. |
| Seeds | Mixed blocks: seed content varies between 0 and 0.04 seeds in the southern areas of South Africa, and between 0.1 and 1.5 seeds in the northern areas. Solid blocks: virtually seedless. |
| Comments | Fruit responds well to cold sterilisation and storage |

RIPENING CALENDAR (Northern Hemisphere)

| November | | | December | | | January | | | February | | | March | | |
|----------|----|----|--------------|----|----|---------|----|----|----------|----|----|-------|----|----|
| 10 | 20 | 30 | 10 | 20 | 30 | 10 | 20 | 30 | 10 | 20 | 30 | 10 | 20 | 30 |
| Nova | | | | | | | | | | | | | | |
| | | | Nadorcott A9 | | | | | | | | | | | |
| | | | | | | Orri | | | | | | | | |

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ARCCIT 9 v 1_07-04-2025
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