

Weipe Valencia evaluation

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Weipe is an early, seedless, Valencia from South Africa. Trees and fruit were small, and leaves were sparse at all sites. This variety is not recommended.



Figure 1. Weipe Valencia oranges (left) and a Weipe Valencia orange tree (right).

Estimated maturity window (BrimA ≥ 90)

[illegible]

Weipe Valencia

Weipe is an early, seedless, Valencia selection from South Africa. In Sunraysia, Weipe achieved full colour from late May and reached the BrimA fresh eating orange standard in August. Throughout the evaluation, the trees were small, and the leaves were sparse. When compared with other Valencia varieties in the same block, there was notably less foliage, and fruit size varied from season to season, from 58 mm to 75 mm. The fruit has a pleasant taste in November but flattened and was not appealing by December. Juice content was lower than in other Valencia varieties, with a thick rind contributing to this.

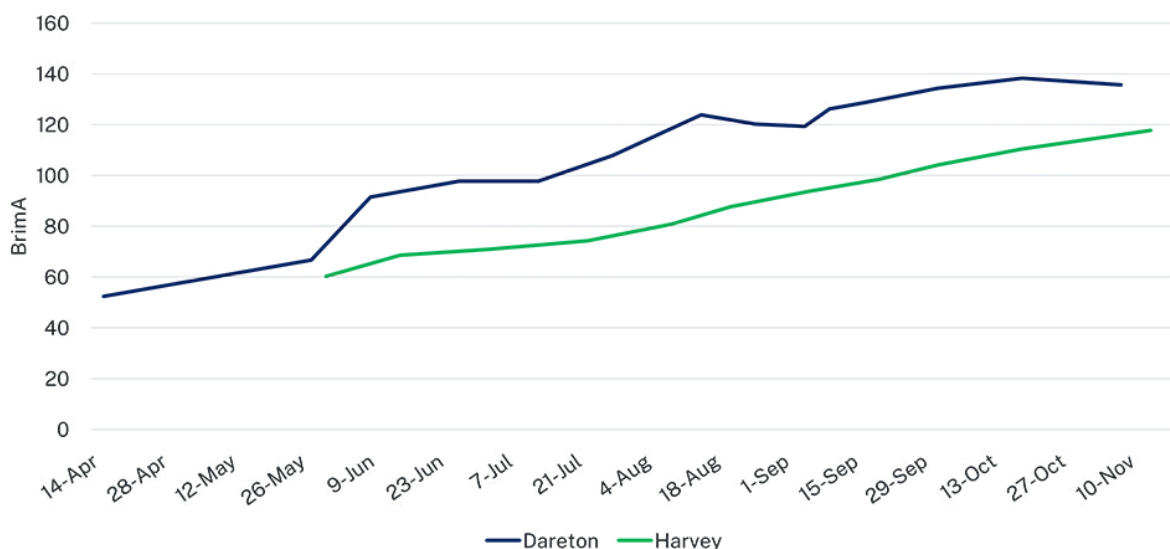


Figure 2. BrimA ($\text{Brix} - (\% \text{ acid} \times 4) \times 16.5$) for Weipe Valencia orange at Dareton, Sunraysia, NSW (dark blue) and Harvey, WA (green). Data are averaged over 4 growing seasons. The Australian Citrus Standard for oranges is 90.



Figure 3. Brix:acid ratio for Weipe Valencia orange recorded at Dareton, Sunraysia, NSW (dark blue) and Harvey, WA (green). Data are averaged over 4 growing seasons.

Weipe Valencia traits

Trait	Result
Skin	Moderately pebbled with noticeable small creases at the stem end.
Average rind thickness (mm)	6.3
Internal quality	Flesh had poor flavour in most years, with eating at its best in late September before acid drops and fruit becomes flat.
Average number of seeds per fruit	0.0
Juice per cent (%)	41
°Brix	11.4
Acid per cent (%)	0.9
Brix:acid ratio	12.5
Average fruit weight (g)	210
Average fruit diameter (mm)	75.4

Representative sequential juice quality data

Date	Brix °	Acid %	Juice %	Brix:acid ratio	BrimA
11.06.2020	9.8	1.13	44	8.7	87
22.06.2020	10.6	1.20	42	8.8	95
02.07.2020	10.8	1.29	37	8.4	93
28.07.2020	10.8	1.02	38	10.5	111
04.08.2020	10.8	1.29	41	8.4	93
17.08.2020	11.7	1.06	46	11.1	123
28.08.2020	11.5	0.97	43	11.9	126
18.09.2020	11.6	0.86	41	13.4	134
06.10.2020	11.6	0.78	41	14.9	140
20.10.2020	11.7	0.69	40	16.9	147
16.11.2020	11.0	0.71	40	15.5	135
Orange minimum standard					90

Grown in Sunraysia on citrange rootstock with Valencia interstock.

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