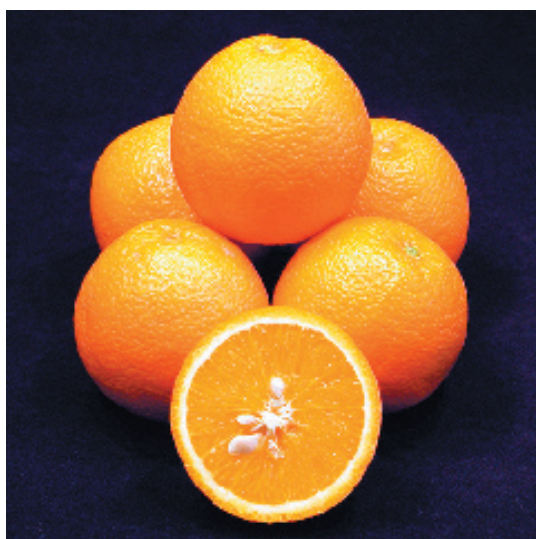# Parson Brown

Origin
First discovered as a seedling in Florida in 1856 after fruit was brought from China. Imported into Australia from Spain (as clone 29-3) and released from plant quarantine in 1988. Once a popular early season juicing variety in Florida, it now only constitutes about 5% of plantings.
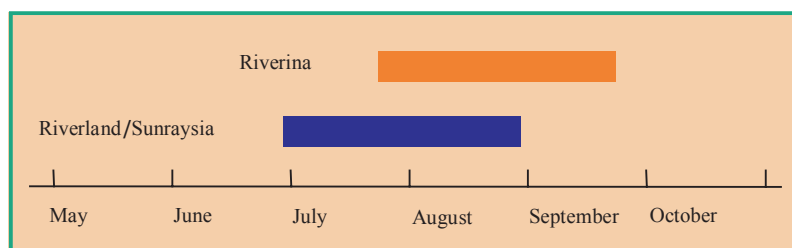
Type
Common orange, average of 12 seeds per fruit, mid season juicing variety.

Market
Fresh juice market during winter.

Potential harvesting period
July-September depending on location.

Juice Quality
High juice content, sweet, but can be pale in colour. Fruit seedy with an average of 12 seeds/fruit. From data collected during July over three seasons at Dareton (NSW Sunraysia) site, average juice content was 47% with TSS/tonne of 55 and yielding 448 litres of juice per tonne.

External Fruit Quality
Fruit is round with a smooth well coloured rind. Small to medium fruit size.

Extent of Plantings
Plantings being established in the Riverina region of NSW.

Field Performance
Trials were planted in 1997 at Waikerie (Riverland-South Australia), Griffith, Leeton and Dareton (NSW). Trees were established on Troyer citrange, Sweet orange and *Poncirus trifoliata* rootstocks. Fruit quality deteriorates quickly if left on the tree past full maturity, particularly on sandy loam soil types. Trees vigorous and productive at a young age. Full results of these trials are published in the HAL final report CT 98033 - National Evaluation of Valencia and Common Orange Varieties. Long term field performance is still to be assessed.

Parson Brown orange variety

State of Knowledge

very limited		very high

Growers should ensure that trees are propagated from true to type, disease free seed and Premium budwood obtained from Auscitrus

Last Revised: December 2005

NSW DEPARTMENT OF PRIMARY INDUSTRIES

Queensland Government Department of Primary Industries and Fisheries

SOUTH AUSTRALIAN RESEARCH AND DEVELOPMENT INSTITUTE

Agriculture WESTERN AUSTRALIA

Natural Resources and Environment

NORTHERN TERRITORY DEPARTMENT OF PRIMARY INDUSTRY & FISHERIES

CSIRO PLANT INDUSTRY

HAL Know-how for Horticulture™