

ARC EUREKA SEEDLESS LEMON (also referred to as ESL1)

GENERAL INFORMATION

Parentage	Induced mutation of Eureka lemon
Origin	ARC, Nelspruit, South Africa
Status	Commercial
Tested True to Type:	Yes

AVERAGE INTERNAL QUALITY TESTS

	Eureka	ARC Eureka Seedles
Juice%	40 - 52	36 - 53
Size (mm)	64 - 113	64 - 100
Average seed/fruit	0.2 - 8.7	0



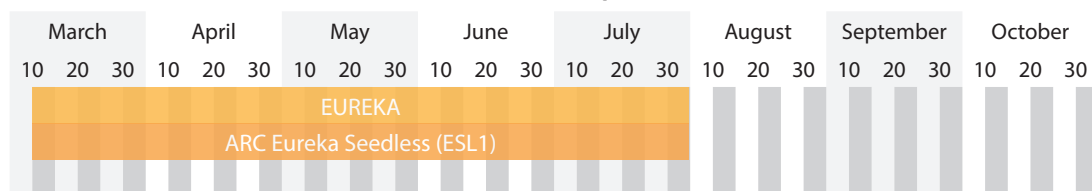
TREE CHARACTERISTICS

Growth habit	Trees are large and spreading – similar to Eureka
Rootstocks used to date	Rough lemon, X639 and MxT. No incompatibility noted after 15 years
Alternate bearing	Trees tend to bear alternately, especially in hot areas
Alternaria alternata susceptibility	Not susceptible

FRUIT CHARACTERISTICS

Average Fruit size	Slightly smaller than Eureka
Fruit shape	Similar to Eureka, slightly round to ellipsoid
External appearance	Smooth to slightly coarse rind
Internal appearance	Pale yellow flesh, and seedless
Seed	None
Pollen Test	Pollen germination analyses found no viable pollen grains, compared to Eureka's 21.3% viable pollen

RIPENING CALENDAR (Southern Hemisphere)



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

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