

## UCD Victor Cultivar (2019 release)

This is a new short day cultivar released from the UC Davis Strawberry breeding program. The initial breeding cross originated in 2011 and the selection 11C057P001 was made. It was subsequently tested as 16SD045 from 2016-2018. This cultivar is a mid to mid-late season short day variety with excellent post harvest keeping qualities.

Victor produces yields and % marketable fruit significantly higher than Petaluma and San Andreas but not significantly better than Fronteras. Victor does possess much firmer fruit than Fronteras. It performs best in fall planted production systems when harvested with at least 200 chilling hours from high elevation nurseries. Victor is a darker green plant with a much more compact plant structure and it has also shown to perform very well in organic culture systems.

Victor is resistant to Fusarium wilt (*Fusarium oxysporum*), moderately resistant to Phytophthora crown rot (*Phytophthora cactorum*), and moderate susceptibility to Verticillium wilt (*Verticillium dahlia*) and Charcoal rot (*Macrophomina phaseolina*).

Nursery productivity for Victor is equal to or superior to that of Fronteras, a well known short day cultivar, as comparison.

### Performance of Victor in advanced trials in Santa Maria, Oxnard and Camarillo 2015-2017 (Yield in cartons per acre harvested through June)

Cultivar	Oxnard 2015-16	Santa Maria 2015-16	Camarillo 2016-17	Oxnard 2016-17	Across Location Fruit Size (g/plant)
UCD Victor	971	854	844	657	830
Fronteras	918	806	787	739	812
Petaluma	653	669	447	520	573
San Andreas	700	648	428	449	558

### Disease Reaction of Victor in trials at UC Davis and Cal-Poly SLO 2016-2018

Variety	Type	Verticillium Resistance	Phytophthora Resistance	Fusarium Resistance	Macrophomina Resistance
UCD Victor	SD	3	2	1	3
Fronteras	SD	3	3	1	3
Petaluma	SD	2	3	3	3
San Andreas	DN	2	3	1	4

Legend Acronym	Legend	Resistance Numerical Category
R	Resistant	1
MR	Moderate Resistance	2
MS	Moderate Susceptibility	3
S	Susceptible	4

### Fruit Quality Assessments in 5 locations in 2018

Cultivar	BRIX %	Firmness (g force)
UCD Victor	8.8	423
Fronteras	8.6	293