

Supplementary figures and tables

Table S1. Important dates associated to phenology of bloom and color of the fruits during season 2017. The phenology was estimated considering the state of the whole tree using the four replicates. DAFB: days after full bloom.

Cultivar	Phenology	Date	DAFB
'Glenred'	Full bloom	September 11th, 2017	0
	10%-15% Pink blush	October 23rd, 2017	43
	Harvest	November 9th, 2017	59
'Lapins'	Full bloom	September 21st, 2017	0
	10% Pink blush	November 16th, 2017	56
	Harvest	November 29th, 2017	69
'Bing'	Full bloom	September 21st, 2017	0
	20% Pink blush	November 17th, 2017	57
	Harvest	November 30th, 2017	70
'Royal Rainier'	Full bloom	September 14th, 2017	0
	10% Pink blush	October 30th, 2017	46
	Harvest	November 23rd, 2017	70

Table S2. Important dates associated to phenology of bloom and color of the fruits during season 2018. The phenology was estimated considering the state of the whole tree using the four replicates. DAFB: days after full bloom. DAFB: days after full bloom.

Cultivar	Treatment	Phenology	Date	DAFB
'Glenred'	ABA (canopy spraying)	Full bloom	September 12th, 2018	0
		15% Pink blush	October 23rd, 2018	41
		Harvest	November 9th, 2018	58
	NDGA (canopy spraying)	Full bloom	September 10th, 2018	0
		10% - 15% Pink blush	October 23rd, 2018	43
		Harvest	November 9th, 2018	60
'Lapins'	ABA (canopy spraying)	Full bloom	September 17th, 2018	0
		25% Pink blush	November 14th, 2018	58
		Harvest	November 30th, 2018	74
	NDGA (canopy spraying)	Full bloom	September 18th, 2018	0
		20% - 25% Pink blush	November 14th, 2018	57
		Harvest	November 30th, 2018	73
'Lapins'	ABA ("on tree" dipping)	Full bloom	September 17th, 2018	0
		25% Pink blush	November 14th, 2018	58
		Harvest	November 30th, 2018	74

Table S3. Important dates associated to phenology of bloom and color of the fruits during season 2019. The phenology was estimated considering the state of the whole tree using the four replicates. DAFB: days after full bloom. DAFB: days after full bloom.

Cultivar	Treatment	Phenology	Date	DAFB
		Full bloom	September 12th, 2019	0
‘Lapins’	ABA ("on tree" dipping)	25% - 35% Pink blush	November 4th, 2019	53
		Harvest	November 27th, 2019	76

Table S4. Phenotypical differences between the cultivars analyzed in this work. The four cultivars selected differed in the phenotypic characteristic's ‘color’, ‘blooming time’ and ‘maturity time’.

Cultivar	Color at harvest	Blooming Time	Maturity Time	Reference
‘Glenred’	Dark Red	Early-blooming	Early-maturing	http://www.bradfordgenetics.com/glenred.htm
‘Lapins’	Mahogany	Early-blooming	Mid-maturing	Rodrigo and Guerra ⁴⁴
‘Bing’	Mahogany	Mid-blooming	Mid-maturing	Rodrigo and Guerra ⁴⁴
‘Royal Rainier’	Bicolor	Early-blooming	Mid-maturing	Rodrigo and Guerra ⁴⁴