



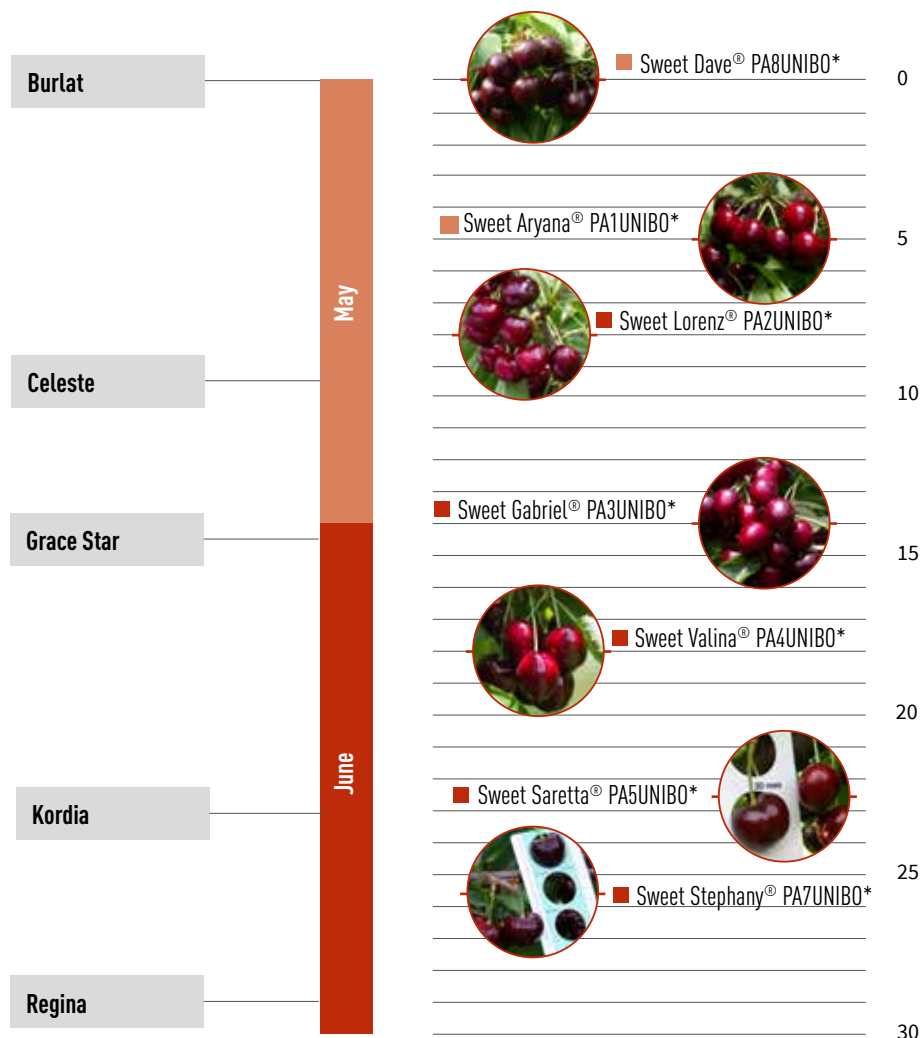
ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA



**NEW SWEET CHERRY VARIETIES**

# RIPENING CALENDAR

The «Sweet Series» is a bundle of new cherry varieties born by the breeding program of the Department of Agricultural and Food Sciences of the University of Bologna. The breeding process began in 2000 and it was specifically targeted to developing six-seven cultivars capable of covering at least a 30/40-day picking arc and incorporating a 'maximizing' common denominator for fruit grown from high field and cropping performance and featuring recognizable excellence in appearance and flavor qualities. Through the activity of Intellectual Property Protection of the Knowledge Transfer Office of the University of Bologna, seven applications for the grant of community plant variety rights have been filed, thus protecting the Sweet Series, which have also associated specific and distinctive commercial trademarks.



Day from Burlat (Burlat = May 20th in Vignola (Italy))

## Sweet Dave® PA8UNIBO\*

EU PVR pending: 2021/1781



**Tree:** good vigour with a growth habitus that is adaptable to different training systems and planting densities. It bears very early fruits, high and constant cropping.

**Flowering time:** early bloom, period Burlat, self-incompatible (allelic profile: S1S4). Advised pollinators: Sweet Aryana®, Sweet Lorenz® and Marysa®.

**Harvest time:** very early season, the period of Burlat, and uniform ripening. Long on-tree fruit lifespan.

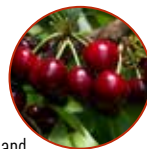
**Fruit:** very large fruit size: 80% in the 30-32 mm and above fruit size class. Fruit skin is deep mahogany red and shiny at maturation (6 in CTIFL colour scale). The pulp is consistent, crunchy sweet and aromatic, with a good balance between sugar-acidity content.

Chroma Index	CTIFL Code	Weight	% > 28 mm	Durofel	Brix	Acidity
12.7	4-5	12.6	70	60	16.8	9.9

Characteristics of the fruits at harvest. Mean values 2019-23.

## Sweet Aryana® PA1UNIBO\*

EU PVR: 48925/2018



**Tree:** good vigour with a mixed fruiting habitus and adaptable to different planting systems. Early bearing fruits with high and constant yields.

**Flowering time:** early bloom, 2-3 days before Burlat, self-compatible (allelic profile: S3S4').

**Harvest Time:** early season (3-5 days post Burlat), uniform ripening, optimal and long on-tree fruit lifespan.

**Fruit:** medium-large size (average dominant size 28-30 mm), symmetrical depressed and heart-shaped, shiny tending to dark red skin (5 in CTIFL color scale), shiny dark reddish blackish skin at advanced ripening (6 in CTIFL color scale), firm flesh, sweet, good taste, medium long peduncle, susceptible to cracking.

Chroma Index	CTIFL Code	Weight	% > 28 mm	Durofel	Brix	Acidity
15.7	4-5	10.7	50	54	15.5	6.5

Characteristics of the fruits at harvest. Mean values 2019-23.

## Sweet Valina® PA4UNIBO\*

EU PVR: 48928/2018



**Tree:** very high vigour, vegetative-productive habitus very easy to manage and adaptable to different training system. Mid-season bearing fruit, good productivity.

**Flowering time:** intermediate bloom, 1-2 days post Burlat, self-incompatible (allelic profile: S3S4). Advised pollinators: Sweet Gabriel® and Sweet Saretta®.

**Harvest Time:** mid-season (15-18 days post-Burlat), uniform ripening, optimal and long on-tree fruit lifespan.

**Fruit:** very large size (average dominant size 32-34 mm), symmetrical heart-shape, shiny red skin (4 in CTIFL color scale) tending to shiny purplish red skin at advanced ripening (5-6 in CTIFL color scale), firm flesh, sweet, good and aromatic taste, mid-long peduncle, high susceptibility to cracking.

Chroma Index	CTIFL Code	Weight	% > 28 mm	Durofel	Brix	Acidity
14.2	4-5	13.6	80	61	17.3	10.0

Characteristics of the fruits at harvest. Mean values 2019-23.

## Sweet Saretta® PA5UNIBO\*

EU PVR: 48929/2018



**Tree:** good vigour, mixed fruiting habitus adaptable to different planting systems. It comes very early into production with high and constant yields.

**Flowering time:** early, 1-2 days before Burlat. Self-fertile (allelic profile S3S4').

**Harvest Time:** mid-late season (22-24 post Burlat), uniform ripening, optimal and long on-tree fruit lifespan.

**Fruit:** very large size (average dominant size 30-32 mm), symmetrical heart-shape, shiny red skin (4 in CTIFL color scale) tending to shiny red vermillion skin at advanced ripening (5 in CTIFL color scale), firm flesh, sweet, good aromatic taste, mid-short peduncle, high susceptibility to cracking.

Chroma Index	CTIFL Code	Weight	% > 28 mm	Durofel	Brix	Acidity
14.6	4-5	13.2	80	66	17.2	10.4

Characteristics of the fruits at harvest. Mean values 2019-23.

## Sweet Lorenz® PAZUNIBO\*

EU PVR: 48926/2018



**Tree:** high vigour with a fruiting habit adapted to training systems on one or more axes. Early bearing fruits with high and constant yields.

**Flowering time:** early bloom, 1-2 days before Burlat, self self-incompatible (allelic profile: S3S4). Advised pollinators: Sweet Aryana® and Sweet Gabriel®.

**Harvest Time:** mid-early season (8-10 days post Burlat), uniform ripening, optimal and long on-tree fruit lifespan.

**Fruit:** very large size (average dominant size 30 mm), symmetrical heart-shaped tending to shiny dark red skin (5 in CTIFL color scale), shiny dark reddish blackish skin at advanced ripening (6 in CTIFL color scale), very firm flesh, sweet, excellent taste, medium-long peduncle, medium low cracking susceptibility.

Chroma Index	CTIFL Code	Weight	% > 28 mm	Durofel	Brix	Acidity
11.1	5-6	12.5	80	63	16.7	8.7

Characteristics of the fruits at harvest. Mean values 2019-23.

## Sweet Gabriel® PA3UNIBO\*

EU PVR: 48927/2018



**Tree:** good vigour with a mixed fruiting habitus and adaptable to different planting systems. It comes very early into production. Early bearing fruits with high and constant yields.

**Flowering time:** intermediate bloom, same period of Burlat, self-incompatible (allelic profile: S1S4). Advised pollinators: Sweet Aryana® and Sweet Lorenz®.

**Epoca di raccolta:** mid-season (14-16 days post Burlat), uniform ripening, optimal and long on-tree fruit lifespan.

**Fruit:** very large size (average dominant size 30-32 mm), symmetrical heart-shape, shiny red skin (4 in CTIFL color scale) tending to shiny purplish red skin at advanced ripening (5-6 in CTIFL color scale), firm flesh, sweet; good aromatic taste, mid-long peduncle, susceptible to cracking.

Chroma Index	CTIFL Code	Weight	% > 28 mm	Durofel	Brix	Acidity
13.1	4-5	13.0	70	64	16.3	11.2

Characteristics of the fruits at harvest. Mean values 2019-23.

## Sweet Stephany® PA7UNIBO\*

EU PVR: 58806/2021



**Tree:** elevated vigour, mixed fruiting habit and adaptable to different planting systems. It comes into production early, with high and constant yields.

**Flowering time:** early, 1-2 days before Burlat. Self-fertile (allelic profile S3S4).

**Harvest Time:** mid-late season (25-27 days post Burlat), uniform ripening, optimal and long on-tree fruit lifespan.

**Fruit:** large size (average dominant size 32 mm), symmetrical heart-shape, shiny red skin (4 in CTIFL color scale) tending to shiny red vermillion skin at advanced ripening (5 in CTIFL color scale), firm flesh, sweet, good aromatic taste, high susceptibility to cracking.

Chroma Index	CTIFL Code	Weight	% > 28 mm	Durofel	Brix	Acidity
14.2	4-5	15.7	90	66	18.3	12.3

Characteristics of the fruits at harvest. Mean values 2019-23.

Breeders:  
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