

CATALOGUE

2025



By liboexportacion

SOMMAIRE

WWW.LIBOPLANTS.COM



BLACK MAGIC 01



CARATI 02



CARDINAL 03



CRIMSON SEEDLESS 04



DATIER DE BEYROUTH 05



FIAMMETTA 06



MATILDE 07



MICHELE PALIERI 08



MUSCAT D'ALEXANDRIE 09



MUSCAT D'HAMBOURG 10



ALPHONSE LAVALLÉE 11



APULIA 12



AUTUMN ROYAL 13



MUSCAT ITALIA 14



PIZZUTELLO 15



PRIMA 16



RED GLOBE 17



REGAL SEEDLESS 18



SULTANINE 19



SUMMER ROYAL 20

SOMMAIRE



supernova seedless 21



victoria 22



DAUNIA 23



MAULA 24



PRIME 25



LATE PEARL 26



STAR LIGHT 27



AUTUMN KING 28



GIANT PEARL 29



EGNATIA 30



SAPPHIRE SEEDLESS 31

BLACK MAGIC

BLACK GRAPE WITH SEEDS

01 WWW.LIBOPLANTS.COM

Genetic Origin : An interspecific hybrid resulting from the cross [(Guzal Kara × Villard Blanc (Seveil V. 12-375)) × Marshal'skij (Katta Kurgan × Pobedal)].

Breeder : I.N.V.V. – Chisinau, Moldova. Introduced in Italy by Vivai Cooperativi Rauscedo in 1986.

Synonyms : Kodrianka, Codreanka.



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Budburst period : Early (late March – early April).

Ripening period : Early (late July – early August).

Vigor : Medium.

Vegetation management : Normal.

Actual fertility : 1.6.

Yield : Medium, about 20–25 tons/ hectare.

Cluster : Medium-sized, pyramid-conical in shape, simple or winged. Berries are loosely packed, large, weighing between 400 and 600 grams.

Berry : Medium to large, oval to round, with thick blue-black skin. Average berry weight: 5 to 6 g.

Detachment Index : 570 g.

Flesh : Juicy, seedless appearance, without noticeable color or slightly pigmented.

Sugar Content : 17.5 °Brix.

Total Acidity : 5.1 g/L.

PH : 3.80.

Seeds : 1 to 2 per berry.

Training system : Typically grown using a "pergola" trellis, planted at 2.3 × 2.3 meters, or about 32–40 vines per plant.

Pruning : Standard, with 8–10 buds per cane.

Resistance : Very good resistance to fungal diseases, especially mildew. Susceptible to poor fruit set (millerandage).

Rootstock Compatibility : Good to excellent with SO4, 420A, 1103Paulsen, and 110Richter.

Clones : Black Magic

- **VCR135 :** Higher yield, reduced millerandage.

- **VCR377 :** Excellent sugar content.

POST-HARVEST PERFORMANCE :

Shelf-life: Medium.

Transport Resistance: Low.

Black Magic grown using "pergola" trellising in the Apulia region.



CARATI

WHITE SEEDLESS GRAPE

02 WWW.LIBOPLANTS.COM

Genetic Origin : A hybrid from the cross [(Almeria × Cardinal) × Carina].

Breeder : I.N.T.A., San Rafael, Argentina, 1994.

Synonyms : Sublima Seedless, Early Gold.



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Budburst period : Early (early April).

Ripening period : Very early (late July – early August).

Vigor : High.

Vegetation management : This variety requires multiple interventions for proper leaf management.

Actual fertility : 0.50.

Yield : Regular, around 20–25 tons/hectare.

Cluster : Medium to large size, conical or pyramidal, compact with 1–3 wings, weighing 900–1000 g.

Berry : Medium to large, oval, thin-skinned, light green to yellowish-green. Average berry weight: 5.2 g.

Detachment Index : 405 g.

Flesh : Crisp and colorless with a neutral flavor.

Sugar Content : 14.4 °Brix.

Total Acidity : 4.1 g/L.

PH : 3.66.

Seeds : Absent or present as soft remnants (truly seedless).

Training system : Suitable for pergola systems with a planting distance of 2.5 × 2.5 m.

Pruning : 4 canes with 10–12 buds, totaling about 40–48 buds per plant.

Disease Resistance : Normal.

Rootstock Compatibility : Excellent with SO4 and 1103Paulsen.

Clones : Carati VCR138 and VCR139 (soon to be officially registered).

POST-HARVEST PERFORMANCE :

Shelf-life: Good. Rapid cooling post-harvest to 2–4°C significantly extends shelf life .

Transport Resistance: Medium to good .

Carati grown under "pergola" training in the Apulia region.



CARDINAL

DARK RED WITH SEEDS

03 WWW.LIBOPLANTS.COM

Genetic Origin : Cross between "Flame Tokai" x "Alphonse Lavallée"
Breeder : E. Snyder and F. Harmon, H.F.S. – Fresno, California, 1939.
Synonyms : None



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Budburst period : Early to mid-season (1st–2nd decade of April).

Ripening period : Mid-early (3rd decade of July).

Vigor : Good, with strong regrowth capability.

Vegetation management : Within standard norms.

Actual fertility : 1.2–1.5

Yield : High and consistent, around 20–25 tons/Ha.

Cluster : Fairly large, elongated, with loosely spaced berries, usually 1 or 2 wings, weight 500–700 g.

Berry : Medium to large, fairly uniform, spheroidal, thick skin, pruinose (waxy coating), dark red to purplish-red, weight about 6–7 g.

Detachment Index : 60% (relatively easy berry detachment).

Flesh : Fleshy, almost crunchy, neutral or slightly musky flavor.

Sugar Content : 17.5 °Brix

Total Acidity : 5.5 g/L

PH : 3.60

Seeds : 2 per berry

Training system : Pergola-style, with planting distance of 2.5 x 2.5 m

Pruning : Standard, 4 canes with 10 buds each, or spur pruning with ~40 buds per vine.

Disease and Pest Sensitivity:

- Sensitive to oidium (powdery mildew) and excoriosis.
- Prone to berry splitting and sunburn.
- Susceptible to bunch compactness and cracking.

Rootstock Compatibility :

- Best Rootstocks: Kober 5bb, 504, 420A, 1103 Paulsen.
- Avoid: 140 Ru (poor compatibility with 3309C).

Clones : Cardinal ISV-VCR24 , ISV-VCR26; i.e., CRSA 197

POST-HARVEST PERFORMANCE :

Shelf-life: Average

Transport Resistance: Low

Carati grown under "pergola" training in the Apulia region.



CRIMSON SEEDLESS

PURPLE-RED SEEDLESS

04 WWW.LIBOPLANTS.COM

Genetic Origin : Cross between "Flame Tokai" × "Alphonse Lavallée"

Breeder : David Ramming and Ron Tarailo, USDA-ERS, Fresno – California, 1983

Synonyms : None



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Budburst period : Mid-season (2nd decade of April)

Ripening period : Mid to late (3rd decade of September to 1st decade of October)

Vigor : Very high

Vegetation Management : Due to high vigor, several canopy management interventions are needed

Actual fertility : 0.50.

Yield : Regular, around 20–25 tons/hectare.

Cluster : Medium to large size, conical or pyramidal, compact with 1–3 wings, weighing 900–1000 g.

Berry : Medium to large, oval, thin-skinned, light green to yellowish-green. Average berry weight: 5.2 g.

Detachment Index : 405 g.

Flesh : Crisp and colorless with a neutral flavor.

Sugar Content : 14.4 °Brix.

Total Acidity : 4.1 g/L.

PH : 3.66.

Seeds : Absent or present as soft remnants (truly seedless).

Training system : Suitable for pergola systems with a planting distance of 2.5 × 2.5 m.

Pruning : 4 canes with 10–12 buds, totaling about 40–48 buds per plant.

Disease Resistance : Normal.

Rootstock Compatibility : Excellent with SO4 and 1103Paulsen.

Clones : Carati VCR138 and VCR139 (soon to be officially registered).

POST-HARVEST PERFORMANCE :

Shelf-life: Good. Rapid cooling post-harvest to 2–4°C significantly extends shelf life .

Transport Resistance: Medium to good .

Carati grown under "pergola" training in the Apulia region.



DATTIER DE BEYROUTH

05 WWW.LIBOPLANTS.COM

WHITE GRAPE WITH SEEDS

Genetic Origin : An old table grape variety of unknown origin, cultivated in Italy for a long time.

Breeder : Unknown.

Synonyms : Regina, Mennavacca, Inzolia Imperiale, Afouz-Aly (Bulgaria), Aleppo (Romania), Rosaky (Aegean), etc.



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Budburst period : Medium (2nd–3rd decade of April)

Ripening period : Medium-late (2nd–3rd decade of September)

Vigor : Good

Canopy management : Within normal range

Actual fertility : 1.1.

Yield : High, about 30–35 tons/Ha

Cluster : Large, cone-cylindrical, moderately loose, with 1–2 shoulders, average weight 700–900 g

Berry : Large, elliptical-lobed shape, thick yellow-green skin with bloom, average weight ~6/7 g

Detachment Index : 680 g

Flesh : Fleishy, crisp, sweet, pleasant flavor

Sugar Content : 14–15 °Brix

Total Acidity : 5.0 g/L

PH : 3.84

Seeds : 2–3 per berry

Training system : Pergola style, with planting distances of 2.5 x 2.5 m

Pruning : Fairly long, 10–12 buds/cane, 40–48 buds/plant

Disease Resistance : Sensitivity to diseases and pests: Very sensitive to botrytis; susceptible to powdery mildew and downy mildew

Rootstock Compatibility : Good compatibility with 1103 Paulsen and SO4, even above 3309C

Clones :

- Regina (Dattier de Beyrouth)

- ISV 6, ISV 9, CRS A11, Inra-Entav 966; officially recognized clones

- Distribution: Regina (Dattier de Beyrouth)

- VCR219, VCR220, VCR221, and VCR222

POST-HARVEST PERFORMANCE :

Shelf-life: Good

Transport Resistance: Good

Beirut Date Grape trained in 'pergola' system in southern Italy (Puglia region).



FIAMMETTA

DARK PINK, SEEDLESS

Genetic Origin : Cross between Emperor × Dawn Seedless
Breeder : Dr. Stefano Somma
Synonyms : None



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Budburst period : Late (3rd decade of April)
Ripening period : Mid-season (3rd decade of August – 1st decade of September)
Vigor : Medium
Canopy management : Within normal range
Actual fertility : 1.6
Yield : High, 30–35 tons/Ha
Cluster : Large, loose, conical with 1–2 shoulders, average weight 800 g
Berry : Medium-sized, elliptical, short and uniform, bright and uniform red skin, thin and resistant, average weight 6 g
Detachment Index : 560 g
Flesh : Crisp, sweet, pleasant flavor
Sugar Content : 18 °Brix

Total Acidity : 3.0 g/L
PH : 3.70
Seeds : Seedless (may have trace herbaceous remains)
Training system : Pergola style, with planting distance 2.5 × 2.5 m
Pruning : Medium length, 10 buds/cane, 40 buds/plant
Disease Resistance : Sensitivity to diseases and pests: Within the norm
Rootstock Compatibility : Good compatibility with 1103 Paulsen, SO4, and 140 Ru
Clones : None

POST-HARVEST PERFORMANCE :

Shelf-life: Good .
Transport Resistance: Good .

XXXXXXX



MATILDE

WHITE GRAPE WITH SEEDS

07 WWW.LIBOPLANTS.COM

Genetic Origin : Cross between Italia × Cardinal

Breeder : Prof. Manzo – Istituto di Frutticoltura, Rome, 1962

Synonyms : None



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Budburst period : Early (1st decade of April)

Ripening period : Early (2nd decade of July – 1st decade of August)

Vigor : Good

Canopy management : Within the norm

Actual fertility : 1.6

Yield : Consistent and abundant, 25–30 tons/Ha

Cluster : Large, moderately loose, cylindrical-conical with wings, average weight 600/700 g

Berry : Fairly large, oval-shaped, thin yellow-green skin, average weight 6.5/7.5 g

Detachment Index : 480 g

Flesh : Firm, seedless texture, consistent with a slightly musky flavor

Sugar Content : 14–15 °Brix

Total Acidity : 4.0/5.0 g/L

PH : 3.40/3.60

Seeds : 2 per berry

Training system : Pergola style, with a planting distance of 2.5 × 2.5 m; canopy coverage is recommended to anticipate harvest

Pruning : Medium with 10 buds/cane, 40 buds/plant

Disease Resistance : Very sensitive to powdery mildew and downy mildew; sensitive to rainfall and humidity during ripening

Rootstock Compatibility :

- Adapts well to vigorous rootstocks

- Preferred: 1103 Paulsen and SO4

Clones :

- Matilde VCR 115 (productive, less sensitive to downy mildew)

- CRSA 132, CRSA 133

POST-HARVEST PERFORMANCE :

Shelf-life: Good .

Transport Resistance: Good .

Matilde grown in pergola system in Rutigliano – Puglia .



MICHELE PALIERI

BLACK SEED GRAPE

08 WWW.LIBOPLANTS.COM

Genetic Origin : Cross between 'Alphonse Lavallée' x 'Red Malaga'.

Breeder : Michele Palieri – Velletri, Rome, 1958.

Synonyms : None.



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Budburst period : Medium-early (1st to 2nd decade of April).

Ripening period : Mid-season (1st decade of September).

Vigor : High.

Canopy management : Due to its strong vigour, several thinning operations are needed after flowering.

Actual fertility : 1.0.

Yield : Consistent and abundant, around 30–35 tons/ha.

Cluster : Large, loose, cylindrical to conical, winged; average weight 700–900 g.

Berry : Elliptical, large, with good resistance to splitting, blue-black with a slight bloom. Average berry weight: 7 g.

Detachment Index : 480 g.

Flesh : Crunchy, firm texture, neutral taste.

Sugar Content : 14.6 °Brix.

Total Acidity : 6.0 g/L.

PH : 3.35.

Seeds : 1–2 per berry.

Training system : Suitable for pergola, with a planting distance of 2.5 × 2.5 m.

Pruning : Medium with 10 buds/cane, 40 buds/plant.

Disease Resistance : Moderately sensitive to downy and powdery mildew; very sensitive to flower necrosis, so defoliation before flowering is highly recommended.

Rootstock Compatibility : Best with 1103 Paulsen and SO4. Avoid hypersensitive rootstocks like 140 Ru due to poor graft compatibility.

Clones : Michele Palieri VR453 (productivity-focused), CRSA 229 (cluster size-focused).

POST-HARVEST PERFORMANCE :

Shelf-life: Good.

Transport Resistance: Good .

Michele Palieri grown under a "pergola" system in the Puglia region



MUSCAT OF ALEXANDRIA

WHITE SEEDED GRAPE

09 WWW.LIBOPLANTS.COM

Genetic Origin : An ancient table grape variety, likely originating from North Africa and later spread throughout the Mediterranean.

Breeder : Unknown.

Synonyms : Moscato di Pantelleria, Zibibbo.



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Budburst period : Medium (2nd decade of April).

Ripening period : Late (3rd decade of September to 1st decade of October).

Vigor : Moderate, well suited to not overly expansive training systems and short pruning.

Canopy management : Standard.

Actual fertility : 0.90.

Yield : Consistent even if not overly high, around 30–35 tons/ha.

Cluster : Medium to large, loose, moderately compact, slightly winged; average weight 400–500 g.

Berry : Medium to large, elliptical, wide; thick-skinned, pruinose, golden-yellow when ripe; average berry weight: 5–6 g.

Detachment Index : 370 g.

Flesh : Firm and crisp with an intense muscat flavor.

Sugar Content : 19–20 °Brix.

Total Acidity : 5.0 g/L.

PH : 3.40.

Seeds : 2 per berry.

Training system : Suitable for pergola or horizontal cordon.

Pruning : In pergola, short pruning with 8–10 buds per cane, 32–40 buds per vine.

Disease Resistance : Highly sensitive to powdery mildew.

Rootstock Compatibility : Well compatible with 1103 Paulsen, 775P, and SO4.

Clones : Zibibbo (Muscat of Alexandria), VCR153 (excellent yield, low botrytis susceptibility).

POST-HARVEST PERFORMANCE :

Shelf-life: Good.

Transport Resistance: Good .

Muscat of Alexandria vine grown in Tunisia



MUSCAT OF HAMBURG

BLUE-BLACK SEEDED GRAPE

10 WWW.LIBOPLANTS.COM

Genetic Origin : Cross between 'Muscat of Alexandria' × 'Frankenthal'.

Breeder : Unknown.

Synonyms : Black Muscat of Alexandria.



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Budburst period : Medium (2nd decade of April).

Ripening period : Mid-to-late season (2nd to 3rd decade of September).

Vigor : Generally good.

Canopy management : Standard.

Actual fertility : 1.50.

Yield : Modest, around 20–25 t/ha.

Cluster : Medium to large, loose, conical, often with 1–2 wings; weight 350–450 g.

Berry : Medium to large, elliptical, wide; skin medium-thick, dark blue-violet when ripe; average berry weight: 6 g.

Detachment Index : 360 g.

Flesh : Slightly soft, juicy, with intense muscat flavor.

Sugar Content : 16–18 °Brix.

Total Acidity : 5.50 g/L.

PH : 3.40.

Seeds : 1–2 per berry.

Training system : Suitable for pergola or double Guyot.

Pruning : Normal, with 10 buds per cane; 40 buds per vine for pergola training, 20–22 buds per vine in Guyot.

Disease Resistance : Normally susceptible to downy mildew and more sensitive to sunburn and berry shriveling.

Rootstock Compatibility : Adapts well to the main commercial rootstocks such as 1103 Paulsen, Richter, Kober 5BB, and SO4.

Clones :

- Muscat of Hamburg VCR493 (low botrytis sensitivity)

- VCR494 (higher yield)

- Inra-Entav 202

POST-HARVEST PERFORMANCE :

Shelf-life: Low to medium.

Transport Resistance: Poor.

Muscat of Hamburg trained under "pergola" in Strumica (Republic of North Macedonia)



ALPHONSE LAVALLÉE

BLUE-BLACK WITH SEEDS

11 WWW.LIBOPLANTS.COM

Genetic Origin : cross "Bellino x Lady Downes Seedling."

Breeder : unknown.

Synonyms : Ribier.



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Budburst period : medium (2nd decade * of April).

Ripening period : medium-late (2nd–3rd decade of September).

Vigor : good.

Canopy management : within normal standards.

Actual fertility : 1.5.

Yield : medium, 20–25 tons/Ha.

Cluster : medium-large, cylindrical-conical, with loosely packed berries; average weight: 500/600 g.

Berry : medium-large, spherical, uniformly deep blue-black, with thick and firm skin; weight approx. 8.5 g.

Detachment Index : 815 g.

Flesh : moderately crunchy, sweet and pleasant.

Sugar Content : 13/14 °Brix.

Total Acidity : 5.0 g/L.

PH : 3.35.

Seeds : 2 per berry.

Training system : "pergola" with spacing of 2.5 x 2.5 m; or trellis with spacing of 3 x 1.2 m.

Pruning : medium-rich with 40–50 buds per vine for "pergola," and 20–25 buds per vine with double Guyot.

Disease Resistance : within normal range for cryptogamic diseases.

Rootstock Compatibility :

- Rootstocks: good with 1103 Paulsen and SO4; may show hyperplasia symptoms with 140 Ruggeri;

- Acceptable compatibility with Kober 5BB.

Clones : INRA-ENTAV319.

POST-HARVEST PERFORMANCE :

Shelf-life: Average .

Transport Resistance: Good .

Alphonse Lavallée grown in "pergola" in the Apulia region.



APULIA

RED-VIOLET SEEDLESS

12 WWW.LIBOPLANTS.COM

Genetic Origin : cross "Emperor x Thompson Seedless (pollinator)."

Breeder : Dr. Stefano Somma.

Synonyms : none.



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Budburst period : early (3rd decade of March).

Ripening period : late (3rd decade of September).

Vigor : very high.

Canopy management : requires removal of shoots and leaves due to high vigour.

Actual fertility : 1.40 .

Yield : high, 25–35 tons/Ha.

Cluster : large, conical, winged, average weight 900 g and more.

Berry : medium-sized, spheroidal, red-violet, average weight 6.0 g.

Detachment Index : 650 g.

Flesh : quite juicy and sweet, without crunch.

Sugar Content : 18 °Brix.

Total Acidity : 3.8 g/L.

PH : 3.66.

Seeds : seedless.

Training system : the variety adapts well to "pergola" with planting distance of 2.5 x 2.5 m.

Pruning : medium, 35–40 buds per vine.

Disease Resistance : within normal range; shows good resistance to cracking.

Rootstock Compatibility : good with 1103 Paulsen, 775 Paulsen, and SO4.

Clones : none.

POST-HARVEST PERFORMANCE :

Shelf-life: Good.

Transport Resistance: Excellent .

Apulia Seedless grown in "pergola" in Bisceglie – Apulia.



AUTUMN ROYAL

BLACK SEEDLESS

13 WWW.LIBOPLANTS.COM

Genetic Origin : cross "Autumn Black x C74-1".

Breeder : David Ramming and Ron Tarailo from USDA-ARS, Fresno, California, 1981.

Synonyms :Autumn Royal Seedless.



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Budburst period : medium-late (2nd–3rd decade of April).

Ripening period : late (1st decade of October).

Vigor : Good.

Canopy management : within normal standards.

Actual fertility : 0.40.

Yield : medium, 25 tons/Ha.

Cluster : very elongated, cylindrical or conical, moderately compact with 2 or 3 wings; average weight 900/1200 g.

Berry : medium-large, oval to egg-shaped, bluish-black color, average weight 7 g.

Detachment Index : 544 g.

Flesh : crunchy and seedless, with a pleasant neutral flavor.

Sugar Content : 17 °Brix.

Total Acidity : 5.2 g/L.

PH : 3.87.

Seeds : seedless or with trace amounts of herbaceous seeds.

Training system : adapts well to "pergola" with planting distances of 2.5 x 2.5 m, 2.3 x 2.3 m.

Pruning : long, with at least 15 buds; about 40–60 buds per vine.

Disease Resistance : normal susceptibility.

Rootstock Compatibility :

- good with 1103 Paulsen, 110 Richter, and Kober 5BB.

- Avoid 140 Ruggeri due to hyperplasia risk at graft union.

Clones : none.

POST-HARVEST PERFORMANCE :

Shelf-life: Good.

Transport Resistance: Good .

Autumn Royal grown in "pergola" in the Les Pouilles region.



MUSCAT ITALIA

WHITE WITH SEEDS

14 WWW.LIBOPLANTS.COM

Genetic Origin : Cross between "Bicane × Muscat of Hamburg".

Breeder : Prof. Alberto Pirovano, 1911.

Synonyms : Incrocio Pirovano 65, Dona Sofia, Idéal, Muscat d'Italie, Moscatel Italiano.



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Budburst period : Medium (2nd decade of April).

Ripening period : Medium-late (2nd–3rd decade of September).

Vigor : High; requires extensive training systems that allow good vegetative growth.

Canopy management : Due to its high vigor, several thinning operations are needed to reduce foliage density.

Actual fertility : 1.20 .

Yield : Excellent, 35–45 t/ha.

Cluster : Large, conical, moderately compact, with 1–2 wings, average weight 600–900 g.

Berry : Large, oval-shaped, green-yellow in color, thick skin, fairly firm texture, average weight 5–6 g.

Detachment Index : 430 g.

Flesh : Crisp and juicy, with a light and delicate muscat flavor.

Sugar Content : 15–16° Brix.

Total Acidity : 4/5 (g/L).

PH : 3.45.

Seeds : 1–2 per berry.

Training system : "Pergola" type, may require a plastic film to advance or delay harvest.

Pruning : Must be done on rich soil; vine shoots/branches: 40–48 per plant.

Disease Resistance : Within the standard range; special attention needed to gray mold.

Rootstock Compatibility :

- Good with: Kober 5bb, 1103 Paulsen, 4 S04.

- Discreet with: 140 Ru, 202 M, M4 (poor compatibility with 99 R).

Clones :

- Italia clones (Muscat of Italy): VCR10 (standard size), VCR15 (more compact bunches), VCR5 (high sugar content).

- Clones selected by CRA (Italy): CRA 110, CRA 115, CRA 121, CRA 124, Inra-Entav 307.

POST-HARVEST PERFORMANCE :

Shelf-life: Very good

Transport Resistance: Very good

Muscat Italia in 'pergola' training system in S. Ferdinando – Apulia



PIZZUTELLO

WHITE WITH SEEDS

15 WWW.LIBOPLANTS.COM

Genetic Origin : An old Italian variety spread throughout Lazio and Apulia.

Breeder : Unknown.

Synonyms : Corniola, known as Cornichon Blanc in France.



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Budburst period : Medium (2nd decade of April).

Ripening period : VLate (3rd decade of September).

Vigor : High.

Canopy management : Due to its high vigor, several interventions are needed to manage foliage.

Actual fertility : 0.60.

Yield : Consistent and abundant, 25–30 t/ha.

Cluster : Medium-large, cylindrical-pyramidal, fairly loose, average weight 300/400 g.

Berry : Medium-large, elongated and slightly curved, green-yellowish skin, thin and slightly waxy, average weight 5/6 g.

Detachment Index : 590 g.

Flesh : Colorless, firm and crisp, with a neutral, sweet, and pleasant flavor.

Sugar Content : 14–15° Brix.

Total Acidity : 4–5 g/L.

PH : 3.40–3.60.

Seeds : 1–2 per berry.

Training system : "Pergola" type, with optional use of plastic film to accelerate or delay harvest.

Pruning : Long, with 12–15 buds per cane; 48–60 canes per vine.

Disease Resistance : Sensitive to Botrytis cinerea (gray mold), mildew, and powdery mildew.

Rootstock Compatibility : Adapts well to common rootstocks; particularly compatible with 1103 Paulsen and SO4.

Clones : Pizzutello VCR489 (limited distribution and registration in progress).

POST-HARVEST PERFORMANCE :

Shelf-life: Good .

Transport Resistance: Good .

Pizzutello in 'pergola' training system in Tivoli – Lazio



PRIMA

BLACK WITH SEEDS

16 WWW.LIBOPLANTS.COM

Genetic Origin : Cross between "Lival × Cardinal".

Breeder : INRA-France, 1974.

Synonyms : None.



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Budburst period : Medium-late (2nd decade of April).

Ripening period : Early (3rd decade of July – 1st decade of August).

Vigor : Medium.

Canopy management : Standart.

Actual fertility : 1.10.

Yield : Good and consistent, 20–25 t/ha.

Cluster : Medium-sized, pyramidal, semi-loose, average weight 300/400 g.

Berry : Medium-sized, spherical, with uniform black color, thick skin, average weight 5/6 g.

Detachment Index : 375 g.

Flesh : Juicy, without color, with a neutral and mild flavor.

Sugar Content : 14–15° Brix.

Total Acidity : 4–5 g/L.

PH : 3.40.

Seeds : 2 per berry.

Training system : "Pergola" with planting distance of 2.3 × 2.3 m; use of a plastic film may be needed to advance harvest.

Pruning : Normal, with short pruning, 32–40 buds per plant.

Disease Resistance :

- Standard resistance to common diseases.

- Sensitive to sunburn and powdery mildew.

Rootstock Compatibility : Good with Kober 5bb, 504, 420A, 1103 Paulsen, and 110 Richter.

Clones : Prima Inra-Entav 1022.

POST-HARVEST PERFORMANCE :

Shelf-life: Poor .

Transport Resistance: Good .

Prima in 'pergola' training system in San Ferdinando – Apulia



RED GLOBE

RED-VIOLET WITH SEEDS

17 WWW.LIBOPLANTS.COM

Genetic Origin : Cross between "L 12-80 (Emperor × Hunisia L.I.) × S45-48 (L 12-80 × Nocera)".

Breeder : Albert T. Koyama and Harnold P. Olmo at the University of California, Davis, 1981.

Synonyms : None.



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Budburst period : Medium (2nd decade of April).

Ripening period : Mid-to-late (2nd decade of September to end of December, if covered with plastic film).

Vigor : High.

Canopy management : Must avoid excessive leaf thinning as clusters are sensitive to heat.

Actual fertility : 0.80.

Yield : High, 40–50 t/ha.

Cluster : Large, conical, moderately compact with 1–2 wings; average weight 1100 g.

Berry : Large, spheroid shape, red-violet skin, thick peel, average weight 13 g.

Detachment Index : 1327 g.

Flesh : Colorless, neutral flavor.

Sugar Content : 13.4° Brix.

Total Acidity : 4.2 g/L.

PH : 3.64.

Seeds : 3–4 per berry.

Training system : "Pergola" with planting distance of 2.5 × 2.5 m.

Pruning : Long, with 15 nodes per cane; 60 canes per vine.

Disease Resistance : Fairly sensitive to powdery mildew, Sensitive to botrytis and berry splitting due to uneven ripening.

Rootstock Compatibility : Good compatibility with 140 Ruggeri, 110 Richter. Poor compatibility with SO4. Incompatible with 1103 Paulsen and Kober 5bb.

Clones : Red Globe Inra-Entav 6102, Red Globe VCR1 (limited registration and distribution).

POST-HARVEST PERFORMANCE :

Shelf-life: Good.

Transport Resistance: Very Good to good.

Red Globe vines in 'pergola' training system



REGAL SEEDLESS

WHITE SEEDLESS

18 WWW.LIBOPLANTS.COM

Genetic Origin : Cross between "Datal × Centennial Seedless."
Breeder : ARC Infruitec-Nietvoorbij, Stellenbosch, South Africa, 1988.
Synonyms : Regal.



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Budburst period : Mid-to-late (2nd–3rd decade of April).

Ripening period : Mid to mid-late (1st–2nd decade of September).

Vigor : High.

Canopy management : Due to its high vigor, several pruning interventions are necessary to reduce leaf volume.

Actual fertility : 0.80.

Yield : High.

Cluster : Medium to large, cylindrical-conical, moderately compact, with wings. Weight: 900–1050 g.

Berry : Large, ellipsoid shape, yellow-green skin, with pruin (natural waxy coating). Weight: 7.5 / 8.5 g.

Detachment Index : 630 g.

Flesh : Crisp, neutral flavor.

Sugar Content : 20 °Brix.

Total Acidity : 3.2 g/L.

PH : 3.83.

Seeds : Seedless (apyrène), with possible trace herbaceous remnants.

Training system : "Pergola" with a planting distance of 2.5 × 2.5 m or 3 × 1.50 m in Guyot pruning system.

Pruning : Normal, with 10 buds/shoot, 40 shoots/vine.

Disease Resistance : Within normal limits.

Rootstock Compatibility : Good compatibility with SO4 and 110 Richter, Incompatible with 140 Ruggeri, Incompatible or poor affinity with 1103 Paulsen.

Clones : None.

POST-HARVEST PERFORMANCE :

Shelf-life: Good.

Transport Resistance: Good.

Regal Seedless in Morocco



SULTANINE

WHITE SEEDLESS

19 WWW.LIBOPLANTS.COM

Genetic Origin : Ancient Turkish variety, first spread to Greece and then throughout the Mediterranean.

Breeder : Unknown.

Synonyms : Thompson seedless b., Kishmish blanc, Kishmish blanc à grains oblongs.



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Budburst period : Mid-to-late (2nd–3rd decade of April)

Ripening period : VMid (2nd decade of September)

Vigor : High.

Canopy management : Due to its high vigor, it requires long pruning and several interventions to reduce foliage.

Actual fertility : 0.3 / 0.8

Yield : Medium-high, 38–40 t/ha

Cluster : Medium-large, cylindrical, compact, winged. Weight: 500–600 g

Berry : Small, ellipsoid shape, yellow-green skin. Weight: 3 / 4 g

Detachment Index : 430 g

Flesh : Firm, with a neutral flavor

Sugar Content : 18–20 °Brix

Total Acidity : 4.0 / 4.6 g/L

PH : 3.65

Seeds : Absent (seedless)

Training system : "Pergola" with a planting distance of 2.5 × 2.5 m or 3 × 3 m in fertile soils

Pruning : Long, with 15 buds/shoot, 60 shoots/plant

Disease Resistance : Slightly sensitive to powdery mildew (oidium)

Rootstock Compatibility : Good with 1103 Paulsen, 110 Richter, and others . Avoid using 140 Ruggeri

Clones : Sultanina VCR122 (high productivity) Sultanina VCR123 (high productivity, with easier berry detachment), YCR184 (well diffused, with prompt registration) , Inra-Entav 919

POST-HARVEST PERFORMANCE :

Shelf-life: Very good

Transport Resistance: Good .



Left : Sultanina vineyard in Greece

Right : Sultanina in Chile, treated with gibberellic acid, girdling, and thinning of the terminal part of the cluster



SUMMER ROYAL

BLACK SEEDLESS

20 WWW.LIBOPLANTS.COM

Genetic Origin : Cross between A69-190 × C20-149

Breeder : David Ramming and Ron Tarailo, USDA-ARS, Fresno, California, 1985

Synonyms : None



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Budburst period : Early (1st decade of April)

Ripening period : Very early (3rd decade of July – 1st decade of August)

Vigor : High.

Canopy management : Due to its high vigor, it requires multiple interventions to reduce foliage

Actual fertility : 0.6

Yield : Excellent, 40–45 t/ha

Cluster : Medium-large, conical, moderately compact with 1–3 wings; weight 700/850 g

Berry : Medium-large, spheroidal to sometimes truncated-oval, blue-black skin, weight about 6/7 g

Detachment Index : 812 g

Flesh : Crunchy, seedless or rudimentary seeds, neutral flavor

Sugar Content : 15 °Brix

Total Acidity : 4.0 g/L

PH : 3.87

Seeds : Absent or rudimentary

Training system : “Pergola” with a planting distance of 2.5 × 2.5 m

Pruning : Long, with 15 buds/shoot, 40 shoots/plant

Disease Resistance : Sensitive to powdery mildew (oidium).

Highly sensitive to berry cracking under uneven irrigation or fertilization.

Rootstock Compatibility : Compatible with 1103 Paulsen, 110 Richter.

Rarely compatible with 140 Ruggeri and SO4 due to poor grafting at the union.

Clones : None .

POST-HARVEST PERFORMANCE :

Shelf-life: Good.

Transport Resistance: Good .

Summer Royal on “pergola”



SUPERNOVA SEEDLESS

DARK PINK SEEDLESS

21 WWW.LIBOPLANTS.COM

Genetic Origin : Cross "Pobeda x Kishmish rose", introduced in Italy in 1986 by Vivai Cooperativi Rauscedo.

Breeder : I.N.V.V. Chisinau – Moldova.

Synonyms : Kishmish Luchistyj.



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Budburst period : Medium (2nd decade of April).

Ripening period : Early to medium-early (2nd–3rd decade of August).

Vigor : High.

Canopy management : Due to its high vigor, multiple pruning and defoliation interventions are needed.

Actual fertility : 1.00.

Yield : Medium-high, 25–30 tons/ha.

Cluster : Medium-large, cylindrical-conical, moderately loose with 1–3 wings or simple, weight 500–1100 g.

Berry : Medium-sized, oval or slightly ellipsoid, red-pink skin, weight ~3.7 g.

Detachment Index : 694 g.

Flesh : Colorless, delicately aromatic.

Sugar Content : 13–18 °Brix.

Total Acidity : 3.6–4.6 g/L

PH : 3.40–3.60

Seeds : Absent or rudimentary.

GROWING SYSTEM: Pergola, with planting distance of 2.5 × 2.5 m or 3 × 3 m in fertile soils.

Size: Long, with 15 buds/cane, 60 buds/plant.

DISEASE AND PEST RESISTANCE:

Adversities : Tolerant to mildew, sensitive to powdery mildew and botrytis. The bunch is very sensitive to berry drop in the basal area; applying gibberellic acid is advised before flowering.

Elongation of the rachis and loosening of the bunch can be induced through gibberellin treatments.

Multiple gibberellic acid applications can also help in reducing seed remnants and improving berry detachment.

ROOTSTOCK COMPATIBILITY :

Good with 1103 Paulsen, 110 Richter, and 140 Ruggeri.

Avoid SO4 due to risk of graft union hyperplasia.

Clones : Supernova Seedless VCR394 (in propagation and registered for distribution).

POST-HARVEST PERFORMANCE :

Shelf-life: Poor .

Transport Resistance: Poor .

Supernova Seedless in S. Ferdinando – Puglia



VICTORIA

WHITE WITH SEEDS

22 WWW.LIBOPLANTS.COM

Genetic Origin : Cross "Cardinal × Afuz Ali B".

Breeder : Lepadatu Victoria and Condei Gheorghe – Horticultural Research Station of Dragasani, Department of Vâlcea, Romania, 1985.

Synonyms : Vittoria.



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Budburst period : Medium (2nd decade of April)

Ripening period : Very early (2nd decade of August)

Vigor : Normal

Canopy management : Within standard range

Actual fertility : 1.4

Yield : High, 35–40 tons/ha

Cluster : Medium-large, cylindrical-conical, moderately loose, usually winged, average weight 700–850 g

Berry : Very large, narrow ellipsoid shape, green-yellow color, average weight 7/10 g

Detachment Index : 844 g

Flesh : Crisp, neutral flavor

Sugar Content : 12–13 °Brix

Total Acidity : 4.5–6.0 g/L

PH : 3.47

Seeds : 2–3 per berry

Training system : Pergola, with plastic film cover recommended to either accelerate or delay harvest

Pruning : Normal, with 10 buds per cane, 40 buds per plant

Disease Resistance : Susceptible to downy mildew, more resistant to powdery mildew and gray mold .

During flowering, adverse weather can cause poor fruit set, leading to uneven berry size and compact bunches prone to rot .

Rootstock Compatibility :

Excellent with 1103 Paulsen, SO4, 140 Ruggeri, and 110 Richter .

Incompatible with Kober 5BB .

Clones :

Victoria VCR449 (productive and selected for uniformity) .

VCR450 (good yield and vigor) .

VCR176 (early-ripening and well-distributed) .

Also: CRSA 40, CRSA 41 .

POST-HARVEST PERFORMANCE :

Shelf-life: Good.

Transport Resistance: Good .

Victoria in "pergola" in Apulia



EGNATIA

BLACK SEEDLESS GRAPE

23 WWW.LIBOPLANTS.COM



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Ripening: Late, with long shelf-life on the plant

Berry color: Black

Berry: Seedless, large, spheroidal, approx. 5 g

Flavor: Sweet, neutral

Cluster: Compact, very large, productive

Patent: Patented variety – CREA - Nu.Va.U.T.



DAUNIA

SEEDLESS VARIETY

24 WWW.LIBOPLANTS.COM



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Ripening: Medium-early, with excellent on-plant shelf-life until September/October

Berry color: Bright red

Berry: Seedless, spheroidal, approx. 4.5 g

Flavor: Sweet, neutral

Cluster: Large, well-filled, very productive

Patent: Patented variety – CREA - Nu.Va.U.T.



MAULA

SEEDLESS VARIETY

25 WWW.LIBOPLANTS.COM



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Ripening: 3rd decade of June

Berry color: Black

Berry: Seedless, large, elongated, pointed, approx. 6 g

Flavor: Sweet, neutral

Cluster: Medium, well-filled, loose

Patent: Patented variety – CREA - Nu.Va.U.T.



PRIME

SEEDLESS VARIETY

26 WWW.LIBOPLANTS.COM



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Ripening: 1st decade of June

Berry color: Green

Berry: Seedless, large, crunchy, spheroidal

Flavor: Slightly sweet, muscat aroma

Cluster: Medium, loosely packed

Patent: Patented variety – Grape Evolution



LATE PEARL

SEEDLESS VARIETY

27 WWW.LIBOPLANTS.COM



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Ripening: 2nd decade of September

Berry color: Light green

Berry: Seedless, crunchy, elongated, very large

Flavor: Sweet, fruity

Cluster: Very large, loosely packed

Patent: Patented variety – Grape Evolution



AUTUMN KING

SEEDLESS VARIETY

29 WWW.LIBOPLANTS.COM



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Ripening: 3rd decade of September

Berry color: Light green

Berry: Seedless, very large, fleshy and crunchy, with a diameter of 25–35 mm

Flavor: Sweet and neutral – 18° Brix

Cluster: Medium, loosely packed, weighing around 0.5 kg

Patent: Patented variety – California Table Grape Commission



GIANT PEARL

SEEDLESS VARIETY

30 WWW.LIBOPLANTS.COM



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Ripening: 2nd decade of July

Berry color: Dark red

Berry: Seedless, large (28–30 mm), crunchy, spheroidal

Flavor: Fruity

Cluster: Medium, compact

Patent: Patented variety – Grape Evolution



STAR LIGHT

SEEDLESS VARIETY

28 WWW.LIBOPLANTS.COM



PHENOLOGICAL AND AGRONOMIC CHARACTERISTICS

Ripening: 3rd decade of July

Berry color: Red

Berry: Seedless, medium-sized, crunchy

Flavor: Neutral

Cluster: Medium, well-filled

Patent: Patented variety – Grape Evolution



SWEET SAPPHIRE

SEEDLESS VARIETY

31 WWW.LIBOPLANTS.COM



The Sweet Sapphire grape, also known as the sapphire grape, is a seedless table grape variety with an elongated shape and a dark purple, almost black color. It is characterized by its sweet flavor, crisp texture, and smooth skin. It was developed by International Fruit Genetics (IFG) in California.

CHARACTERISTICS :

Shape: Elongated, tubular, with a small dimple at the end, which has earned it the nickname "witch's fingers."

Color: Dark purple, almost black, with a bluish-gray natural wax coating.

Flavor: Very sweet, with a high sugar content (18-20 degrees Brix).

Texture: Crisp and firm.

Seedless: A highly prized characteristic.

Size: The bunches are medium to large, with berries weighing around 10 grams.





Between tradition and terroir, discover Libo Plants – Grapes.

Libo Plant is a leading company in the distribution of grape plants.

With over 20 years of experience in Spain, Italy, and France, we work with the leading producers to offer reliable solutions tailored to our clients' needs.

Contact Us

calle Juan Carlos I, Número
34, CP 03370, Redován
info@liboplants.com
+34 651 581 713
+34 655 092 964
www.liboplants.com