



(888) 244-7668 | (559) 747-6601 | Fax (559) 747-7118
309 South Mariposa Ave. Visalia, CA 93292

“Pride before profit!”

Riparia Gloire

Resistance: Root knot: L; Dagger: L

Tolerance: Drought: L; Wet soil: L; Salinity: M; Lime: L

Vigor on Scion: L-M

Soil Adaptation: Deep, well-drained, fertile, moist soils

Additional: Early maturation; scions tend to overbear

St. George

Resistance: Root knot; L; Dagger: L

Tolerance: Drought: L-M shallow and H in deep soils;

Wet soil: L-M; Salinity: M-H; Lime: M

Vigor on Scion: H

Soil Adaptation: Deep and gravelly soils

Additional: Fruit set problems with some scions;
latent virus tolerant

S04

Resistance: Root knot; M-H; Dagger: L-M

Tolerance: Drought: L-M; Wet soil: M-H; Salinity: L-M;

Lime: M

Vigor on Scion: L-M

Soil Adaptation: Moist clay soils

Additional: Noted as a cool region rootstock

5BB

Resistance: Root knot; M-H; Dagger: M

Tolerance: Drought: M; Wet soil: L; Salinity: M; Lime:

M-H

Vigor on Scion: M

Soil Adaptation: Moist clay soils

Additional: Susceptible to phytophthora root rot;
adapted to high vigor varieties

5C

Resistance: Root knot; M-H; Dagger: L-M

Tolerance: Drought: L; Wet soil: L-M; Salinity: M;



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Lime: H
Vigor on Scion: L-M
Soil Adaptation: Moist clay soils
Additional: -----

420A

Resistance: Root knot; M; Dagger: L
Tolerance: Drought: L; Wet soil: M; Salinity: L; Lime:
M-H
Vigor on Scion: L-M
Soil Adaptation: Fine-textured fertile soils
Additional: Scions tend overbear when young

99R

Resistance: Root knot; M-H; Dagger: L-M
Tolerance: Drought: M-H; Wet soil: L; Salinity: L; Lime:
M
Vigor on Scion: M-H
Soil Adaptation: Tolerant of acid soil
Additional: Young scions may develop slowly

110R

Resistance: Root knot; L-M; Dagger: L
Tolerance: Drought: H; Wet soil: L-M; Salinity: M;
Lime: M
Vigor on Scion: M-H
Soil Adaptation: Hillside, gravelly and acid soils
Additional: Develops slowly in wet soils

1103P

Resistance: Root knot; M-H; Dagger: L
Tolerance: Drought: M-H; Wet soil: M-H; Salinity: M;
Lime: M
Vigor on Scion: M-H
Soil Adaptation: Adapted to drought and saline soils
Additional: -----



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3309

Resistance: Root knot: L; Dagger: L
Tolerance: Drought: L-M; Wet soil: L-M; Salinity: L-M;
Lime: L-M
Vigor on Scion: L-M
Soil Adaptation: Deep soils
Additional: Sensitive to latent viruses; tolerant of cold injury

101-14

Resistance: Root knot: M-H; Dagger: M-H
Tolerance: Drought: L-M; Wet soil: M; Salinity: H;
Lime: L-M
Vigor on Scion: M
Soil Adaptation: Moist clay soils
Additional: Tolerant to wet soils

Salt Creek

Resistance: Root knot: H; Dagger: L-M
Tolerance: Drought: M-H; Wet soil: L-M; Salinity: H;
Lime: M
Vigor on Scion: H
Soil Adaptation: Sandy, infertile
Additional: Tolerant to phytophthora

Dogridge

Resistance: Root knot: M-H; Dagger: M-H
Tolerance: Drought: M; Wet soil: L-M; Salinity: M-H;
Lime: M
Vigor on Scion: VH
Soil Adaptation: Very sandy, infertile
Additional: Promotes excess vigor, poor fruit set

Harmony

Resistance: Root knot: M-H; Dagger: M-M
Tolerance: Drought: L-M; Wet soil: L; Salinity: L-M;



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Lime: M
Vigor on Scion: M-H
Soil Adaptation: Sandy loams and loamy sands
Additional: -----

Freedom

Resistance: Root knot: H; Dagger: H
Tolerance: Drought: M; Wet soil: L; Salinity: L-M;
Lime: M
Vigor on Scion: H
Soil Adaptation: Sandy to sandy loams
Additional: Sensitive to latent viruses

036-16

Resistance: Root knot: L; Dagger: H
Tolerance: Drought: L; Wet soil: --; Salinity: L; Lime: L
Vigor on Scion: H
Soil Adaptation: Poor to course sandy soils due to low
root nematode tolerance
Additional: Tolerant of fanleaf virus

140Ru

Resistance: Root knot; L-M; Dagger: L
Tolerance: Drought: H; Wet soil: L; Salinity: M-H;
Lime: M-H
Vigor on Scion: H
Soil Adaptation: Adapted to drought and acid soils
Additional: Does poorly in non-irrigated, low K soils