

DOUBLE KNOCK OUT ROSE

****PLANT IDENTIFICATION****

Botanical Name: Rosa 'Radtko'

Common Name: Double Knock Out Rose

Plant Type: Shrub Rose

USDA Zones: 5–10 (Excellent in Zone 7)

Mature Size: 3–4' H x 3–4' W

Growth Rate: Moderate to Fast

****SEASONAL INTEREST****

Bloom Time (Upstate SC): April through frost

Bloom Color: Cherry red, double blooms

Foliage: Dark green

Fall Color: Minimal

Special Feature: Continuous blooming; self-cleaning (no deadheading required)

****TOP SELLING POINTS****

- Blooms spring through frost
- Very disease resistant
- No deadheading needed
- Heat tolerant for SC summers
- Great for mass plantings and foundation beds

****IDEAL LOCATION (ZONE 7)****

Light: Full sun (minimum 6 hours daily)

Soil: Well-drained, slightly acidic soil

Drainage: Critical; avoid soggy sites

Heat Tolerance: Excellent

Drought Tolerance: Moderate once established

Deer Resistance: Moderate (not deer proof)

****PLANTING INSTRUCTIONS**

1. Choose full sun location.
2. Dig hole twice as wide as root ball.
3. Set plant level with surrounding soil.
4. Backfill with native soil; amend heavy clay with compost.
5. Water deeply and apply 2–3" mulch, keeping mulch away from stems.

****WATERING****

At Planting: Deep soak.

First 4–6 Weeks: Water 2–3 times per week.

Long-Term: Water during extended dry periods; avoid overhead watering late in day.

****FERTILIZER PROGRAM****

Landscape: Rose fertilizer or balanced slow-release in March, May, and July.
Containers: Controlled-release fertilizer plus light liquid feed every 2–3 weeks.
Stop fertilizing by late August in Zone 7.

****SEASONAL CALENDAR (ZONE 7 – WESTMINSTER, SC)****

Late February–Early March: Prune back to 12–18” before new growth.
April: Begin bloom cycle.
Summer: Continue fertilizing and watering.
Late August: Stop fertilizing.
Winter: Minimal care required.

****PEST & DISEASE (IPM)****

Common Pests: Aphids, spider mites, Japanese beetles
Control: Hose spray, insecticidal soap, or labeled systemic if severe.
Common Diseases: Highly resistant to black spot and powdery mildew.
Prevention: Full sun, good air circulation.

****COMPANION & ADD-ON SALES****

Companion Plants: Salvia, catmint, ornamental grasses, lavender
Add-On Sales: Rose fertilizer, mulch, drip irrigation, pruners, gloves

****IDEAL CUSTOMERS****

- Customers wanting low-maintenance roses
- Foundation or mass planting shoppers
- Long-season color seekers
- First-time rose buyers