

Crestone Russet

Crestone Russet is a medium maturity Russet cultivar. Pre-cut seed to a size of 2.5 to 3.0 oz. and allow seed to suberize before planting. For maximum marketable tuber yield, plant seed at in-row spacing of 13 inches, and between row spacing of 34 inches.

Available nitrogen (N) (residual soil N + irrigation water N + applied N) rate required for optimum tuber yield and quality should be between 160-170 lb. N/A. This recommendation does not include nitrate nitrogen mineralization from previous crop stubble and from soil organic matter. Increasing the available N rate above 170 lb. N/A can significantly reduce tuber specific gravity and increase the production of more tuber misshapes. Apply 30-35% of the required seasonal N rate pre-plant or at planting. Apply the remaining N rate requirement in split applications during the growing season.

Begin in-season N application after tuber formation. Finishing N application early in the season is recommended. In the San Luis Valley, N application should be completed by the end of July or at least 30 days before vine kill. This will allow for tuber skin maturation (skin set). Late N application delays skin set. Petiole nitrate N concentration should range from 17,000 ppm at 50 days after planting (DAP) down to 5,000 ppm at 88 DAP.

Harvest tubers about 18-21 days after vine kill.