

Pre-cut Seed

Pre-cut seed to a size of 2.5 to 3.0 oz. and allow to suberize before planting.

To obtain maximum marketable size tubers, seed tubers should be planted at in-row spacing of 13 to 14 inches, with between row spacing of 34 inches.

Available nitrogen (N) (residual soil N + well water N + applied N) rate required for optimum tuber yield and quality should be between 145 to 150 lb N/A. This recommendation does not include nitrate nitrogen mineralization from previous crop stubble and from soil organic matter.

To gain early plant vigor, apply 85 to 90 lb available N/A (residual soil N + well water N + applied N) pre-plant or at planting.

Apply the remaining N rate requirement (60 lb N/A) in three equal split applications at approximately seven days interval during the growing season. Begin in-season application after tuber formation. End in-season N application by the end of July in the San Luis Valley. Finishing N application earlier in the season is preferred.

Petiole nitrate N concentration should range from 17,000 ppm at about 57 days after planting (DAP), down to 10,000 ppm at 78 DAP.

Vines should be killed at approximately 115 DAP to allow tubers to mature and to avoid tuber bruising at harvest.