



medium-late yellow dual-purpose variety with quality out of storage

- ❖ flexibility for fresh and process markets
- ❖ quality processed product
- ❖ suitable for long-term storage
- ❖ darker yellow flesh color

Growing recommendations – Commercial Production								
Site Requirements	Select fields with low levels of scab present (<i>Streptomyces</i> and <i>Spongospora</i> spp.) and consistent water availability.							
Seed sizing, spacing, and planting rates	Average Seed Size (oz)	Row width (inches)			Row width (inches)			
		27	34	36	27	34	36	
		Seed Spacing (inches)			Planting Rate (cwt per acre)			
		1.5	10	9	9	22	19	18
		2.0	11	10	10	26	23	22
2.5	12	11	11	30	26	25		
Planting depth	8 – 10 inches, tubers tend to sit higher in the hill. Plant deeper for high yielding locations.							
Seed Preparation	Warm seed to 46-48 °F in preparation for cutting; cut seed, treat, and allow to suberize for 7 – 10 days; consider additional in-furrow pesticide applications if Rhizoctonia is a concern; align seed with soil temperatures.							
Herbicides	No known sensitivities when used properly.							
Foliage	Average vine development.							
Vine-kill	Ensure adequate soil moisture and seal ground by rolling vines and pressing soil to prevent greening where possible. Allow 21-28 days for skin set.							
Harvest	Harvest at pulp temps above 50 F up to 65 F; take steps to minimize impacts.							
Fertilization (always account for residual soil nutrients prior to applying fertilizer)								
Nitrogen (N)	200 lbs. total N; 2/3 applied pre-plant; remaining 1/3 applied as fertigation as determined through petiole testing.							
Phosphorus (P ₂ O ₅)	100% compared to other medium-late processing varieties.							
Potassium (K ₂ O)	100% compared to other medium-late processing varieties.							
Secondary	40lbs SO ₄ , 50lbs Mg estimates. Calcium dependent on soil availability.							
Variety Characteristics								
Maturity	Medium-late		Tuber Characteristics					
Yield	High		Eye depth	Medium				
Dormancy	Very dormant		Tuber number	Medium to high				
Specific Gravity	1.085 – 1.090		Tuber shape	Oval				
			Cooking type	C – floury				
Resistances			Sensitivities					
PVY	Moderate		Common scab	Moderate to high				
PLRV	Moderate		Black spot bruise	Moderate to high				
TRV	Low		Shatter bruise	Moderate				
PCN	Ro1/4 resistant		Harvest damage	Moderate				
Potato wart disease	1							
Storage								
Fontane is suitable for long-term storage; allow for proper wound healing. 48 F for the frozen fry market; stable processing color after storage.								