



**early, yellow creamer variety with
exceptional appearance and flavor**

- ❖ beautiful skin finish
- ❖ early creamer yield
- ❖ excellent culinary quality
- ❖ deep 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	6	5.5	5.5	36	31	30
		2.0	6	5.5	5.5	48	42	40
2.5	6.5	6	6	61	48	45		
Planting depth	6 – 7 inches, shallower end of range if soil temperatures are slow to warm.							
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	Average sensitivity to metribuzin.							
Foliage	Early vine development: will stay green for creamer season (75-85 days after planting).							
Vine-kill	Ensure adequate soil moisture and seal ground by rolling vines and pressing soil to prevent greening where possible. Allow 14-21 days for skin set.							
Harvest	Harvest at pulp temps above 50 F up to 65 F.							
Fertilization (always account for residual soil nutrients prior to applying fertilizer)								
Nitrogen (N)	120 lbs. total N; 100 lbs. applied pre-plant; remainder applied if needed and as determined through petiole testing							
Phosphorus (P ₂ O ₅)	100% compared to other early maturing creamer varieties							
Potassium (K ₂ O)	100% compared to other early maturing creamer varieties							
Secondary	40lbs SO ₄ , 50lbs Mg estimates. Calcium dependent on soil availability.							
Variety Characteristics								
Maturity	Early		Tuber Characteristics					
Yield	Moderate to high		Eye depth	Shallow				
Dormancy	Very dormant		Tuber number	High				
Specific Gravity	1.060 – 1.065		Tuber shape	Oval				
			Cooking type	AB – fairly firm				
Resistances			Sensitivities					
PVY	Moderate to high		Common scab	Moderate to high				
TRV	Moderate		Black spot bruise	Very low				
PLRV	--		Shatter bruise	Very low				
PCN	Ro1, Ro4		Harvest Damage	Very Low				
Potato wart disease	--							
Storage								
Isabelia is suitable for long-term storage at 38°F								