



early maturing yellow potato with high fresh marketability

- ❖ attractive, large tuber size
- ❖ early high yields
- ❖ bright, smooth skin
- ❖ handles well during harvest

Growing recommendations – Commercial Production								
Site Requirements		Avoid field sites with prevalence of scab (<i>Streptomyces</i> and <i>Spongospora</i> spp.)						
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)			
		2.0	9.5	9	8.5	28	26	26
		2.5	10	9.5	9	33	30	30
3.0	10	9.5	9	39	36	36		
Planting depth		6 – 8 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. More susceptible to seed decay.						
Herbicides		Quite sensitive to metribuzin.						
Foliage		Moderate to weak vine development; quick to senesce.						
Vine-kill		Ensure adequate soil moisture and seal ground by rolling vines and pressing soil to prevent greening where possible. Allow 18-21 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)		180 lbs. total N; 120 lbs. applied pre-plant; remainder applied as determined through petiole testing.						
Phosphorus (P ₂ O ₅)		100% compared to other early maturing yellow varieties.						
Potassium (K ₂ O)		100% compared to other early maturing yellow varieties.						
Secondary		40lbs SO ₄ , 50lbs Mg estimates. Calcium dependent on soil availability.						
Variety Characteristics								
Maturity		Early		Tuber Characteristics				
Yield		High		Eye depth	Medium			
Dormancy		Short dormancy		Tuber number	Medium to high			
Specific Gravity		1.055 – 1.060		Tuber shape	Oval			
				Cooking type	AB—Fairly firm			
Resistances				Sensitivities				
PVY	Moderate			Common scab	Moderate to high			
PLRV	Moderate to low			Black spot bruise	Low			
TRV	Moderate to low			Shatter bruise	Low			
PCN	Ro 1/4 resistant			Harvest Damage	Low			
Potato wart disease	F1 resistant							
Storage								
Agata is suitable for short- to medium-term storage at 38°F. When stored in bulk, pile height should not exceed 12 feet.								