



**round, red creamer variety with very high tuber number and size uniformity**

- ❖ especially high tuber number per acre
- ❖ stable round shape
- ❖ suitable for long-term storage
- ❖ broad virus resistance

Growing recommendations – Commercial Production							
Site Requirements		No specific site requirements.					
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		If cutting is needed, 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		Quick initial vine development: will stay green for creamer season (70-80 days after planting).					
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 temperatures 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 as determined through petiole testing.					
Phosphorus (P <sub>2</sub> O <sub>5</sub> )		100% compared to other early maturing creamer varieties.					
Potassium (K <sub>2</sub> O)		100% compared to other early maturing creamer varieties.					
Secondary		40lbs SO <sub>4</sub> , 50lbs Mg estimates. Calcium dependent on soil availability.					
Variety Characteristics							
Maturity		Early		Tuber Characteristics			
Yield		High		Eye depth	Moderately shallow		
Dormancy		Very dormant		Tuber number	High		
Specific Gravity		1.075 – 1.080		Tuber shape	Round		
				Cooking type	B - fairly floury		
Resistances				Sensitivities			
PVY		Very high		Common scab	Low		
PLRV		Very high		Black spot bruise	Low		
TRV		Very high		Shatter bruise	Very low		
PCN		Ro1		Harvest damage	Low		
Potato wart disease		1					
Storage							
Rosalie is suitable for long-term storage at 38°F. Recommend storing in bins.							