

JUNIPER RUSSET



medium-late russet variety with fresh appeal and excellent French fry quality

- ❖ exceptional resistance to PVY
- ❖ high tolerance to heat stress
- ❖ suitable for long-term storage
- ❖ white flesh color

JUNIPER RUSSET



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	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 – 9 inches, tubers tend to sit higher in the hill.						
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.						
Foliage		Somewhat robust vine development with prolific flowering habit.						
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)		220 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 full-season russet varieties.						
Potassium (K ₂ O)		100% compared to other full-season russet varieties.						
Secondary		40lbs SO ₄ , 50lbs Mg estimates. Calcium dependent on soil availability.						
Variety Characteristics								
Maturity		Medium-late		Tuber Characteristics				
Yield		Medium-high		Eye depth	Medium			
Dormancy		Very dormant		Tuber number	Low to medium			
Specific Gravity		1.080 – 1.087		Tuber shape	Oval			
				Cooking type	C – floury			
Resistances				Sensitivities				
PVY		Very high		Common scab	Low			
PLRV		--		Black spot bruise	Moderate			
TRV		Moderate		Shatter bruise	Moderate to high			
PCN		--		Harvest damage	Moderate			
Potato wart disease		--						
Storage								
Juniper Russet is suitable for long-term storage; allow for proper wound healing.								
38 – 40 F for the table market								
48 F for the frozen fry market								