

RICE



INFORMATION

RICESEED Update 2018

Table 1. Pounds seed per acre at various seed densities for selected rice cultivars.

Cultivar	Seed per lb ^z	Seeding Rate (seed/ft ²)							
		10 ^y	12 ^x	14	25	30 ^y	35 ^x	40	45
		lbs / acre							
ARoma 17	19,460	--	--	--	56	67	78	90	101
Cheniere	20,826	--	--	--	52	63	73	84	94
CL111	18,515	--	--	--	59	71	82	94	106
CL151	19,243	--	--	--	57	68	79	91	102
CL153	19,377	--	--	--	56	67	79	90	101
CL163	18,771	--	--	--	58	70	81	93	104
CL172	19,061	--	--	--	57	69	80	91	103
CL272	18,012	--	--	--	60	73	85	97	109
Diamond	18,763	--	--	--	58	70	81	93	104
Jazzman-2	20,122	--	--	--	54	65	76	87	97
Jupiter	17,463	--	--	--	62	75	87	100	112
LaKast	18,118	--	--	--	60	72	84	96	108
PVL01	20,115	--	--	--	54	65	76	87	97
RT 7311 CL	19,184	23	27	32	--	--	--	--	--
RT CL XL4534	19,662	22	27	31	--	--	--	--	--
RT CL XL729	20,124	22	26	30	--	--	--	--	--
RT CL XL745	19,529	22	27	31	--	--	--	--	--
RT CL XP756	19,327	23	27	32	--	--	--	--	--
RT Gemini 214 CL	20,590	21	25	30	--	--	--	--	--
RT XL723	19,877	22	26	31	--	--	--	--	--
RT XL753	19,512	22	27	31	--	--	--	--	--
RT XP754	19,327	23	27	32	--	--	--	--	--
RT XL760	20,207	22	26	30	--	--	--	--	--
Roy J	19,645	--	--	--	55	67	78	89	100
Thad	18,745	--	--	--	58	70	81	93	105
Titan	16,341	--	--	--	67	80	93	107	120
Wells	18,160	--	--	--	60	72	84	96	108

^z Number of seed per pound based on available estimates. Compare with number on seed bag for differences between seed lots.

^y Base seeding rate recommendation on a silt loam soil.

^x Base seeding rate recommendation on a clay soil.

* Based recommendations assume good seedbed, drill-seeded, silt loam, optimum planting date, and conventional tillage.

Seeding rate calculator available at <http://riceseed.uaex.edu>.

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Visit our website at <http://www.uaex.edu/rice>



INFORMATION

Table 2. Additive Factors Increasing Optimum Seeding Rate Above Base Silt Loam Soil Rate.

Variable	% Added
Seeding Method	
Dry seeded-drilled	0
Dry seeded-broadcast	20
Water seeded-broadcast	30
Soil Type	
Sand	0
Silt	0
Clay	20
Seedbed Preparation	
Good	0
Fair	10
Poor	20
Seeding Date	
Early	
Before April 5 (South Arkansas)	10
Before April 10 (Central Arkansas)	10
Before April 15 (North Arkansas)	10
Optimum	
Late (after June 1)	20

Factors additive to a max of 50% above optimum.

Table 3. Factors for Increasing Seeding Rate for Water Seeded Rice Above Base Silt Loam Soil Rate.

Variable	% Added
Water Seed ¹	30
Seedbed Preparation	
No-till	20
Conventional till	
Good (Grooved)	0
Poor (Ungrooved)	20
Seeding Date	
Early	
Before April 5 (South Arkansas)	10
Before April 10 (Central Arkansas)	10
Before April 15 (North Arkansas)	10
Optimum Dates	
Late (after June 1)	10

¹Base seeding rate for silt loam (Table 1).

Factors additive to a max of 60% above optimum.