

WINEMA

Winema, tested as NDO2438-6R, was selected in 1989 at Klamath Falls, Oregon from a cross between Redsen and 1196-2R performed by Dr. Robert Johansen of North Dakota State University, at Fargo in 1987.

Developers: Oregon, North Dakota, California, Idaho and Washington Agricultural Experiment Stations.

Winema consistently produces similar marketable yields but lower total yields than either Red LaSoda or Dark Red Norland. Winema tubers have bright red skin color that does not fade in storage. Winema is suitable for table use.

Strengths: good marketable yield, bright red skin color, shallow eyes, few internal and external defects, and excellent appearance.

Weaknesses: foliar PVY symptoms are difficult to detect visually, susceptible to most fungal diseases and to corky ringspot.

Incentives for Production: attractive tuber type, high percentage of marketable tubers, bright red skin color with shallow eyes, and excellent pack-out.



Compared to Red LaSoda

Marketable Yield	0
Grade	++
Skin Color	+++
Storability	0
External Defects	+++
Internal Defects	+++
Eye Depth	++

+ = better, 0 = same, - = worse

Agronomic Characteristics

Maturity	Early
Tubers	Round to oval, bright red skin, and smooth
Marketable Yield	Medium (250 cwt./acre)
Specific Gravity	Low (1.064)
Culinary Quality	Good, occasional sloughing when boiled
Diseases	MS to fusarium dry rot, S to most fungal diseases and corky ring spot.
Storability	Similar dormancy to other red varieties, skin color does not fade in storage

MS = moderately susceptible, **S** = susceptible

	Total Yield	Yield U.S. No. 1's			Yield		% Marketable ¹	Specific Gravity
		<4 oz	4-10 oz	Marketable ¹	>10 oz	Culls		
Idaho²								
Winema	293	63	156	219	65	9	75	1.063
Red LaSoda	383	37	168	205	147	31	54	1.068
Dk. Red Norland	372	68	193	261	76	35	70	1.066
Oregon³								
Winema	437	57	217	274	133	30	63	1.063
Red LaSoda	499	37	217	254	156	89	51	1.074
Dk. Red Norland	509	51	256	307	125	77	60	1.074
Washington⁴								
Winema	367	91	174	265	74	28	72	1.065
Red LaSoda	389	48	176	224	108	57	58	1.064
Dk. Red Norland	367	66	180	246	67	54	67	1.065

¹ < 4 oz - 10 oz. U.S. No. 1's

² 3 trials grown in Idaho, 1995, 1997, 1998, at Aberdeen and Kimberly

³ 6 trials grown in Oregon, 1995, 1997, 1998, at Corvallis and Klamath Falls

⁴ 3 trials grown in Washington, 1995, 1997, 1998, at Ellensburg, Toppenish, Granger