

MAZAMA

Mazama, tested as NDO2686-6R, was selected in 1989 at Klamath Falls, Oregon from a cross between 1196-2R and Redsen performed by Dr. Robert Johansen of North Dakota State University, at Fargo in 1987.

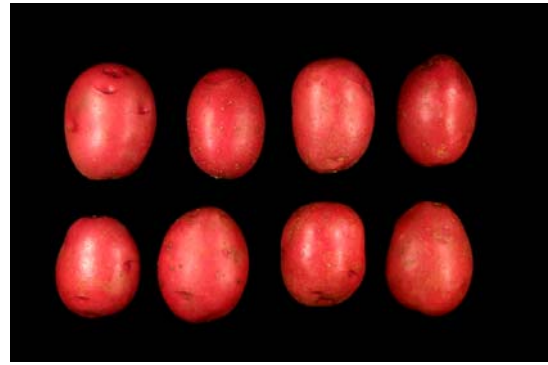
Developers: Oregon, North Dakota, California, Idaho and Washington Agricultural Experiment Stations.

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

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

Weaknesses: 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	Oval, bright red skin, and smooth with shallow eyes
Marketable Yield	Medium (300 cwt./acre), with high percentage <4 oz.
Specific Gravity	Low (1.073)
Culinary Quality	Good
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								
Mazama	327	84	192	276	48	3	84	1.072
Red LaSoda	448	35	189	224	188	36	50	1.071
Dk. Red Norland	378	50	187	237	102	39	63	1.067
Oregon³								
Mazama	449	89	300	389	53	7	87	1.076
Red LaSoda	598	37	264	301	225	72	50	1.073
Dk. Red Norland	569	56	308	364	141	64	64	1.073
Washington⁴								
Mazama	306	109	169	278	17	11	91	1.072
Red LaSoda	408	53	188	241	108	59	59	1.063
Dk. Red Norland	374	63	189	252	77	45	67	1.066

¹ < 4 oz - 10 oz. U.S. No. 1's

² 3 trials grown in Idaho, 1994, 1995, 1997, at Aberdeen and Kimberly

³ 6 trials grown in Oregon, 1994, 1995, 1997, at Corvallis and Klamath Falls

⁴ 3 trials grown in Washington, 1994, 1995, 1997, at Ellensburg, Pasco, Toppenish