

2001 Irrigated Alfalfa Variety Yield Trial, University of Wyoming Research and Extension Center, Powell, WY

Brand/Variety	Source	Yield in Tons/Acre Dry Matter ¹							% of	
		6-10-04	8-04-04	10-06-04	2004 Total	2003 Total	2002 Total	3-yr Total		3-yr Ave.
Masterpiece	www.simplot.com	2.27	1.57	1.25	5.09	7.19	6.17	18.45	6.15	119
Millennia	www.foragegenetic.com	2.02	1.44	1.07	4.53	6.63	6.71	17.87	5.96	116
Cooper	Montana State University	2.28	1.57	1.17	5.02	6.58	6.20	17.80	5.93	115
Shaw	Montana State University	1.87	1.48	1.24	4.59	6.20	6.29	17.08	5.70	111
Select	www.foragegenetics.com	1.97	1.56	1.19	4.72	6.05	6.16	16.93	5.64	110
Wintergold	triwest@pmt.org	2.05	1.51	1.07	4.63	6.23	6.03	16.89	5.63	109
Plumas	www.seedtech.com	1.68	1.56	1.09	4.33	6.17	6.37	16.87	5.62	109
Goliath	www.alliedseed.com	1.83	1.26	1.10	4.19	6.29	6.20	16.68	5.56	108
Macon	www.alliedseed.com	1.81	1.45	1.10	4.36	6.10	6.20	16.66	5.55	108
HybriForce-400	www.alliedseed.com	2.00	1.53	1.11	4.64	6.03	5.95	16.62	5.54	108
Vernal	Public	2.03	1.43	1.06	4.52	6.30	5.75	16.57	5.52	107
Pioneer 53Q60	www.pioneer.com	1.75	1.58	1.10	4.43	6.17	5.70	16.30	5.43	105
Wrangler	Public	2.08	1.41	1.14	4.63	5.93	5.60	16.15	5.38	104
WL 327	www.wlresearch.com	1.91	1.66	1.11	4.68	5.94	5.53	16.15	5.38	104
Rebound 4.2	www.croplangenetics.com	1.60	1.52	1.09	4.21	6.13	5.71	16.05	5.35	104
Feast + EV	www.agripro.com	1.90	1.62	1.09	4.61	5.73	5.36	15.70	5.23	102
Ameristand 403T	www.abialfalfa.com	1.84	1.37	1.06	4.27	5.94	5.38	15.59	5.20	101
Ranger	Public	1.93	1.37	0.90	4.20	5.86	5.40	15.46	5.15	100
Reliance	www.alliedseed.com	2.02	1.57	1.09	4.68	5.43	5.14	15.25	5.08	99
Maximizer	www.simplot.com	1.67	1.42	1.03	4.12	5.45	5.25	14.82	4.94	96
WBRR	University of Wyoming	1.92	1.31	0.99	4.22	5.46	5.12	14.80	4.93	96
Monument II	Geertson Seed	1.68	1.39	1.01	4.08	5.17	5.32	14.57	4.86	94
Average		1.91	1.48	1.09	4.49	6.04	5.80	16.33	5.44	106
LSD (0.05)		0.34	N.S.	0.21	0.53	0.60	0.56	1.10	0.37	
CV (%)		12.8	13.5	8.6	8.3	7.0	6.8	4.8	4.8	

¹Dried for 48 hr at 60 degrees C. To convert dry tons per acre to hay at 12% moisture, multiply by 1.136.

ESTABLISHMENT PROCEDURE: Seeded on 5-10-01 @ 24 lb pure live seed per acre after 250 lb/A of 11-52-0 were soil incorporated. Borders were seeded to Wrangler. Trial was gravity-flow, flood-irrigated.

ELEVATION: 4365 ft above sea level; 155 days above 28 degrees F.

SOIL TYPE: Clay Loam.

EXP. DESIGN: Randomized Complete Block, Four Replications. Yields differing by more than the LSD are different at odds of at least 19 to 1, but an LSD designation of N.S. indicates yield differences were not significant.

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