

**Table 3.** Results from the 2014 Farmington Alfalfa Forage Yield Trial for the 2015, 2016, and 2017 growing seasons.†

Variety Name	Company or Brand Name	Fall Dormancy	Yield (dry tons/acre)					Total Yield 2017	Three Year Average
			Total Yield 2015	Total Yield 2016	June 7 2017	July 11 2017	August 24 2017		
Raven	Blue River Hybrids	4	10.48	10.13	7.31	2.25	2.69	12.25	10.95
MagnaGraze II	Sharp Brothers	3	9.87	10.50	7.46	2.50	2.55	12.50	10.95
Ranger	Public	3	10.23	10.31	6.66	2.24	2.77	11.67	10.74
Lahontan	Public	6	10.32	9.86	6.98	2.31	2.54	11.82	10.67
Mallard	Blue River Hybrids	5	10.50	10.07	6.41	2.25	2.58	11.24	10.60
GrandStand	Crop Production Services	4	9.52	9.90	7.37	2.36	2.37	12.10	10.51
4S417	Mycogen Seeds	4	10.04	9.92	7.05	2.12	2.32	11.49	10.48
Arrowhead II	Alforex Seeds	2	10.18	10.15	6.22	2.28	2.61	11.11	10.48
Roadrunner	Blue River Hybrids	4	10.77	9.30	6.90	1.90	2.30	11.10	10.39
PGI 424	Alforex Seeds	4	10.04	9.37	6.90	2.01	2.30	11.20	10.20
Mountaineer 2.0	Croplan Genetics	5	9.81	9.61	6.47	2.24	2.13	10.83	10.09
Archer III	America's Alfalfa	5	10.48	9.34	5.92	1.74	2.36	10.01	9.94
Hi-Gest 360	Alforex Seeds	3	9.87	9.54	6.28	1.83	2.31	10.42	9.94
Gunner	Croplan Genetics	5	9.61	9.18	6.61	2.09	2.28	10.98	9.92
NM Common	Roswell Seed Co.	NA	9.90	9.35	6.42	1.88	2.14	10.44	9.89
WL 363HQ	W-L Research	5	9.90	9.98	5.71	1.76	2.08	9.55	9.81
WL 354HQ	W-L Research	4	9.86	9.19	6.05	1.63	1.96	9.64	9.56
Dona Ana	New Mexico State University	7	9.52	9.22	6.06	2.03	1.78	9.87	9.54
54VR03	Pioneer Hi-Bred Int'l	4	9.64	8.75	5.63	1.88	2.34	9.85	9.41
Wilson	New Mexico State University	6	9.33	8.82	5.80	1.57	2.05	9.41	9.19
Malone	New Mexico State University	7	8.87	8.71	5.81	2.13	1.90	9.84	9.14
Zia	Roswell Seed Co.	5	8.87	8.12	5.00	1.78	1.58	8.36	8.45
Mean			9.89	9.51	6.41	2.04	2.27	10.71	10.04
LSD (0.05)			1.06	0.98	NS	0.46	0.46	1.94	0.99
CV%			7.55	7.26	15.38	16.00	14.20	12.85	12.10

†Data were detrended using nearest neighbor analysis, and analyzed using analysis of variance.

NS, no significant differences detected among varieties within the column at the 5% level.

**Additional Information**

Date of establishment: 8/12/2014  
 Irrigation method: Solid set sprinkler lines  
 Irrigation frequency: 2 to 3 times per week.  
 Total seasonal irrigation = 40.29 inches. Total precipitation = 5.53 inches.  
 Number of reps: 4  
 Harvest dates: 2015: 6/2, 7/6, 8/17, 10/9  
 2016: 6/2, 7/11, 8/17, 10/5  
 2017: 6/7, 7/11, 8/24, \*see note below

Note: \*Data for October 2017 was not taken due to equipment failure.

Fertilizer: No fertilizer was applied in 2017.  
 Herbicide: No herbicides were applied in 2017.  
 Insecticide: No insecticides were applied in 2017.