

Alfalfa Variety Trial
Ohio, South Charleston, Sown 4-25-2017

Variety	5/29/2018	6/29/2018	7/27/2018	9/4/2018	Total			9/18/2017
					2018	2017	2017-18	
Released Cultivars:	----- Tons Dry Matter/Acre -----							% Stand
54QR04	2.79	2.27	1.52	1.19	7.77	3.25	10.80	84
FSG 415 BR	2.83	2.34	1.57	1.51	8.24	3.33	11.31	86
HO415	2.44	2.09	1.49	1.19	7.21	3.10	10.74	88
Kingbird	2.70	2.00	1.33	1.34	7.37	2.33	10.13	76
msSunstra 143146	2.79	2.43	1.75	1.32	8.28	2.70	10.96	88
msSunstra 144110	3.01	2.55	1.63	1.19	8.37	2.78	11.20	84
Quail	2.66	2.19	1.51	1.40	7.76	3.10	11.06	85
Robin	2.76	2.31	1.53	1.34	7.94	2.75	10.79	84
RRL414	2.56	2.04	1.51	1.14	7.25	3.40	10.15	84
WL356HQ.RR	2.17	2.34	1.45	1.17	7.13	2.95	10.34	85
Mean	2.67	2.27	1.52	1.28	7.73	2.98	10.71	84
LSD P=.05	0.44	0.24	0.12	0.25	0.70	0.56	0.91	9.55
Prob(F)	0.0558	0.0009	0.0001	0.1103	0.0044	0.016	0.1151	0.5713
CV %	11.4	7.3	5.4	13.6	6.3	12.9	5.9	7.8

Note: After seeding in great soil conditions, the weather turned bad with three weeks of well below normal temperatures and above average rainfall that affected stands.

Establishment: Seeded with a Hege 3-point hitch drill with presswheels at 16 lb/a.
 Plot size: 4' x 20' , 15'alleys and borders, RCBD with four reps.
 Soil type / analysis: Crosby silt loam, pH=7.0, P=110 lbs/a, K= 344 lbs/a, CEC=13, O.M.=1.4, (04/17).
 2018 Pest control: Insecticide was applied on 18-June, 11-July, 13-August for potato leafhopper control.