

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

Variety	8-Aug	6-Sep	Total 2017	% Stand 9/18/2017
<b>Released Cultivars:</b> ----- Tons Dry Matter/Acre -----				
54QR04	1.25	1.98	3.25	91
FSG 415 BR	1.33	2.03	3.33	84
HO415	1.40	1.73	3.10	89
Kingbird	0.93	1.40	2.33	83
msSunstra 143146	0.98	1.75	2.70	79
msSunstra 144110	0.98	1.78	2.78	80
Quail	1.38	1.70	3.10	85
Robin	1.00	1.78	2.75	86
RRL414	1.65	1.78	3.40	88
WL356HQ.RR	1.20	1.75	2.95	86
LSD P=.05	0.49	0.33	0.56	15
CV	28.2	12.7	12.9	13
Prob(F)	0.11 ns	0.06	0.02	0.86 ns

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

ns = no significant differences among varieties.

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).  
 2017 Pest control: Insecticide was applied on 20-June, 1-July, 18-August for potato leafhopper control.