

Alfalfa Variety Trial  
Ohio, North Baltimore, Sown 8-27-15

Variety	23-May	20-Jul	1-Sep	Total		% Stand 9/25/2017
				2017	2016	
<b>Released Cultivars:</b>	----- Tons Dry Matter/Acre -----					
55Q27	2.80	3.08	1.94	7.82	5.56	83
55VR06	2.56	3.18	1.60	7.33	4.83	93
BlueJay HR	2.86	2.80	1.15	6.82	4.87	92
Caliber	2.86	2.99	1.66	7.51	4.42	95
Contender	2.70	2.95	1.62	7.27	4.76	90
Fierce	2.84	3.18	1.77	7.80	5.05	92
FSG 426	2.72	2.93	1.76	7.41	5.29	93
Mallard 5	2.84	3.38	2.02	8.23	4.80	95
Persist III	3.13	3.17	2.19	8.49	5.57	80
Pluss III	2.62	3.21	1.49	7.32	5.24	93
Red Falcon	2.91	2.95	2.02	7.88	4.38	83
Roadrunner	2.85	2.99	1.51	7.35	5.10	93
SW 5113	2.73	3.13	1.50	7.35	5.45	92
SW 5213	2.79	3.31	2.03	8.13	5.82	95
SW 5512 Y	2.84	3.21	1.86	7.90	5.31	93
SW 5909	2.72	2.09	1.68	6.49	4.60	93
Vernal	2.99	2.95	1.38	7.32	5.31	75
LSD P=.05	0.23	0.71	0.74	1.25	0.87	15
CV %	4.9	14.2	25.8	10.0	12.1	10
Prob(F)	0.01	0.24 ns	0.36 ns	0.23 ns	0.05	0.26 ns

\*\* Note Only three harvest were taken at North Baltimore in 2017 due to weather .

\*\* Trial was fall seeded after spring planting failed \*\*

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: Holtville silt loam, pH=6.5, P=88 lbs/a, K=286 lbs/a, CEC=17, O.M.=2.8, (11/16).  
 2017 Pest control: Insecticide was applied on 10-June, 30-July for potato leafhopper control.  
 2017 Fertility: 145 #/A of 11-52-0 was applied on 6/2/17.