

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

Variety	6/4/2018	7/9/2018	8/13/2018	9/13/2018	Total				9/26/2018
					2018	2017	2016	2016-18	
Released Cultivars:	----- Tons Dry Matter/Acre -----								% Stand
55Q27	2.19	1.65	1.01	0.67	5.52	7.82	5.56	18.41	83
55VR06	2.26	1.74	1.05	0.87	5.92	7.33	4.83	17.96	92
BlueJay HR	2.24	1.87	1.28	0.85	6.24	6.82	4.87	17.69	90
Caliber	2.21	1.92	1.18	0.86	6.17	7.51	4.42	18.03	92
Contender	1.91	1.58	1.11	0.83	5.43	7.27	4.76	17.23	87
Fierce	2.30	1.79	1.06	0.84	5.99	7.80	5.05	18.78	88
FSG 426	2.24	2.12	1.39	0.80	6.54	7.41	5.29	19.19	95
Mallard 5	2.55	2.15	1.35	0.88	6.91	8.23	4.80	19.85	93
Persist III	2.21	1.67	1.14	0.86	5.88	8.49	5.57	19.83	85
Pluss III	2.11	2.12	1.18	0.78	6.19	7.32	5.24	18.82	95
Red Falcon	2.22	2.04	1.33	0.94	6.54	7.88	4.38	18.36	83
Roadrunner	2.33	1.76	1.27	0.87	6.23	7.35	5.10	18.35	87
SW 5113	2.35	2.06	1.06	0.92	6.39	7.35	5.45	19.19	95
SW 5213	2.47	2.07	1.16	0.91	6.61	8.13	5.82	20.37	95
SW 5512 Y	2.39	1.80	1.16	0.80	6.15	7.90	5.31	18.83	95
SW 5909	2.28	1.99	1.16	0.82	6.26	6.49	4.60	17.49	90
Vernal	1.78	1.47	0.90	0.73	4.88	7.32	5.31	16.95	82
Mean	2.24	1.87	1.16	0.84	6.11	7.55	5.08	18.55	90
LSD P=.05	0.45	0.52	0.26	0.23	1.18	1.25	0.87	2.74	11.44
Prob(F)	0.2022	0.2417	0.0415	0.7304	0.1878	0.2327	0.0523	0.4747	0.2107
CV %	12.0	16.8	13.4	16.3	11.6	10.0	12.1	8.9	7.7

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

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

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).

2018 Pest control: Insecticide was applied on 20-May, 23-July, 20-August for potato leafhopper control.