

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

Variety	1-Jun	1-Jul	2-Aug	9-Sep	Total 2016
Released Cultivars:	----- Tons Dry Matter/Acre -----				
SW 5213	1.76	1.26	1.42	1.42	5.86
SW 5512 Y	1.85	1.16	1.15	1.36	5.52
FSG 426	1.58	1.15	1.25	1.36	5.34
Persist III	1.64	1.21	1.32	1.12	5.28
Mallard 5	1.47	1.09	1.29	1.42	5.28
55VR06	1.68	1.23	1.16	1.15	5.22
Vernal	1.70	1.01	1.02	1.43	5.17
Roadrunner	1.63	1.08	1.10	1.35	5.16
Pluss III	1.52	1.20	1.10	1.23	5.06
55Q27	1.50	1.07	1.18	1.28	5.03
SW 5113	1.66	1.16	1.12	1.01	4.95
Red Falcon	1.44	1.06	1.23	1.21	4.95
BlueJay HR	1.56	1.07	1.02	1.17	4.81
Fierce	1.51	0.98	1.10	1.19	4.78
SW 5909	1.48	1.03	1.06	1.19	4.76
Contender	1.18	0.98	1.12	1.36	4.65
Caliber	1.24	1.03	1.07	1.17	4.51
Mean	1.55	1.10	1.16	1.26	5.08
LSD 0.05	0.41	0.20	0.19	0.38	0.79
Prob > F	.16 ns	.16 ns	<.01	.79 ns	.15 ns
CV %	18.67	12.88	11.72	21.46	10.88
MCV	26.6	18.3	16.7	30.5	15.5
LSR	61.4	73.1	48.2	90.9	58.4

* Variety tested using experimental seed that may not give performance identical to that of commercially available seed.

Data subjected to Nearest Neighbor AOV, adjusted means reported.
ns = no significant differences among varieties.

** 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=6.6, P=60 lbs/a, K=410 lbs/a, CEC=19.0, O.M.=2.3, (11/15).
2016 Pest control: Insecticide was applied on 1-June, 15-July and 22-August for potato leafhopper control.
2015 Fertility: 100#/A of 18-46-0 and 200#/A of 0-0-60 was applied on 10/21/15.
2016 Fertility: 145 #/A of 11-52-0 was applied on 6/2/16.