

Table 1.

2008 Precipitation (inches)

	Chatham		
	Norm*	2008 dev	
Apr	2.46	6.3	3.84
May	3.15	3.64	0.49
June	3.61	3.85	0.24
July	3.56	1.76	-1.8
Aug	3.55	1.07	-2.48
Sept	4.16	3.78	-0.38
Total	20.49	20.4	-0.09

*30 yr ave.

Table 2.

Michigan State Alfalfa Variety Trial Yield (DM tons/acre)
Daggett, Menominee Co.
 Sown May 2005
 Non-irrigated

Entry	17-Jun	21-Jul	2008 Total	2007 Total	2006 Total	3-yr Total
Somerset	2.28	1.20	3.48	3.65	5.42	12.55
WL 357 HQ	2.16	1.45	3.61	3.59	5.47	12.67
4R429	2.22	1.21	3.43	3.40	5.52	12.35
Magnum V	2.22	1.20	3.42	3.74	5.18	12.34
WL 319 HQ	2.33	1.21	3.54	3.87	5.01	12.42
Pioneer 54H91	2.23	1.20	3.43	3.43	5.33	12.19
Ameristand 403T	2.54	1.24	3.79	3.26	5.47	12.52
Garst 6200 HT	2.50	1.38	3.88	3.36	5.30	12.54
4A421	2.17	1.21	3.38	3.51	5.13	12.02
Garst 6410	2.08	1.27	3.35	3.54	5.06	11.95
Vernal	2.48	1.08	3.56	3.21	5.33	12.10
Nova	2.27	1.13	3.39	3.20	5.33	11.92
Genoa	1.98	1.17	3.14	3.44	5.07	11.65
HayGrazer	2.35	1.19	3.55	2.87	5.26	11.68
Pioneer 54V46	2.29	1.29	3.58	3.31	4.81	11.70
4S419	2.14	1.08	3.21	3.23	4.84	11.28
Duragreen	2.11	1.16	3.27	3.12	4.82	11.21
Dakota	2.10	1.22	3.32	2.90	5.00	11.22
Spreador 4	2.34	1.05	3.39	3.12	4.77	11.28
Cimarron VL400	2.40	1.01	3.40	2.61	5.21	11.22
HybriForce 400	2.20	0.91	3.11	2.78	4.95	10.84
Wintergold	2.07	1.17	3.24	2.93	4.72	10.89
Mean	2.25	1.18	3.43	3.28	5.14	11.84
CV%	12	12	11	24	12	17
LSD 5%	0.37	0.31	0.55	1.11	NS	NS
MCV (%)			16	34		
LSR (%)			71	87		

Location: Brock Dairy Farm, Menominee Co.
 Design: RCB, plot size: 3 x 24 (3 x 21 harvested)
 Seeded: 5/3/2005, 20 lbs. PLS/acre
 Soil Type: Onaway-Nadeau fine sandy loam

Cuttings; three in 2006, two in 2007
Fertility: 0-91-247+3 lbs boron/acre

Table 3.

Michigan State Alfalfa Variety Trial Yield (DM tons/acre)
Upper Peninsula Exp. Sta., Chatham
 Sown June 2005
 Non-irrigated

Entry	17-Jun	30-Jul	12-Sep	2008 Total	2007 Total	2006 Total	2005 Total	3-yr. Total
Garst 6410	1.56	1.87	0.74	4.17	4.23	4.85	1.09	14.34
Ameristand 403T	1.68	1.85	0.74	4.26	3.89	4.76	1.17	14.08
WL 357 HQ	1.60	1.76	0.79	4.15	4.24	4.69	0.95	14.03
Magnum V	1.68	2.01	0.68	4.36	3.95	4.52	1.03	13.86
Somerset	1.66	1.81	0.74	4.21	4.01	4.70	0.92	13.84
Nova	1.55	2.25	0.62	4.42	3.69	4.50	1.11	13.72
4R429	1.55	2.07	0.65	4.27	3.81	4.55	1.07	13.70
Dakota	1.55	1.81	0.68	4.05	3.71	4.66	1.25	13.67
HybriForce 400	1.80	1.77	0.58	4.15	3.69	4.69	1.08	13.61
FSG 407SF	1.58	2.03	0.67	4.28	3.68	4.56	1.01	13.53
Pioneer 54H91	1.73	1.86	0.69	4.28	3.68	4.49	1.06	13.51
FSG 406	1.50	1.85	0.70	4.06	3.72	4.59	1.04	13.41
Summergold	1.78	1.85	0.63	4.25	3.66	4.42	1.04	13.37
Garst 6200 HT	1.58	1.90	0.61	4.08	3.78	4.50	0.99	13.35
Cimarron VL400	1.62	1.80	0.73	4.14	3.66	4.50	1.03	13.33
4A421	1.54	1.92	0.71	4.18	3.68	4.49	0.98	13.33
4S419	1.64	1.71	0.66	4.02	3.53	4.59	1.10	13.24
WL 319 HQ	1.69	1.82	0.62	4.12	3.73	4.44	0.91	13.20
FSG 400 LH	1.46	1.84	0.64	3.94	3.59	4.55	1.08	13.16
Wintergold	1.42	1.70	0.72	3.85	3.49	4.54	1.03	12.91
Vernal	1.57	1.88	0.54	3.99	3.51	4.38	1.01	12.89
Duragreen	1.54	1.70	0.59	3.83	3.46	4.49	1.07	12.85
Genoa	1.43	1.75	0.64	3.82	3.61	4.39	0.99	12.81
Evergreen 2	1.56	1.43	0.57	3.56	3.72	4.26	0.98	12.52
Mean	1.59	1.84	0.66	4.10	3.74	4.55	1.04	13.43
CV%	10	16	20	10	8	6	12	6
LSD 5%	0.22	0.41	0.18	0.56	0.44	0.37	0.16	1.08
MCV (%)				14	20	8	15	8
LSR (%)				65	51	63	47	59

Location: Upper Peninsula Exp. Sta., Alger Co.
 Design: RCB, plot size: 3 x 24 (3 x 21 harvested)

Seeded: 6/3/2005, 20 lbs. PLS/acre
Soil Type: Eben Very Cobbly Sandy Loam
Cuttings: one in 2005, three in 2006 & 2007
Fertility: 0-91-247+3 lbs boron/acre