

Irrigated Alfalfa Variety Trial

WREC, Nesson Valley, ND 2016

<u>Conventional Varieties</u>		Yield	2016 Yield			
Cultivar	Company	2015	1st cut	2nd cut	3rd cut	2016 total
		tons/a	-----tons/a-----			
Persist III	Millborn	2.6	3.7	3.8	2.7	10.2
FSG 329	Allied	2.5	3.5	3.6	2.8	9.9
4A420	Dow	3.0	3.5	3.6	2.5	9.6
Crave	Legend	3.1	4.0	3.2	2.3	9.5
HybriForce-3400	Dow	2.8	3.5	3.4	2.6	9.5
Vernal	Millborn	2.6	3.7	3.2	2.6	9.5
DG4210	Dyna-Gro	2.0	3.6	3.2	2.6	9.4
CW103012	Dow	2.1	3.3	3.3	2.8	9.4
Phirst Extra Hybrid	Millborn	2.4	3.8	3.1	2.4	9.3
55V50	Pioneer	2.3	3.1	3.6	2.4	9.1
55Q27	Pioneer	3.0	3.4	3.2	2.3	8.9
LegenDairy	Croplan	3.0	3.3	3.0	2.5	8.8
CWA 114030	Dow	2.8	2.8	3.4	2.6	8.8
Ladak II	Allied	2.3	3.2	3.3	2.3	8.8
CW105006	Dow	2.6	3.1	3.5	2.1	8.7
8420	Integra	2.6	3.0	3.2	2.5	8.7
54B66	Pioneer	2.6	3.2	3.2	2.2	8.6
HIGH MEAN		3.1	4.0	3.8	2.8	10.2
LOW MEAN		1.9	2.8	3.0	2.1	8.6
EXP MEAN		2.6	3.4	3.3	2.5	9.2
C.V. %		28.4	13.3	10.8	14.2	-
LSD 5%		1.0	0.6	0.5	0.5	-

<u>Roundup Ready Varieties</u>		Yield	2016 Yield			
Cultivar	Company	2015	1st cut	2nd cut	3rd cut	2016 total
		tons/a	-----tons/a-----			
Stratica	Croplan	3.2	3.6	4.2	2.5	10.3
Presteez	Croplan	3.8	3.7	4.0	2.5	10.2
MegaMaxx	Legend	3.5	3.6	4.1	2.3	10.0
DKA44-16	Monsanto	3.4	3.7	3.9	2.4	10.0
DKA40-51	Monsanto	3.4	3.6	3.9	2.4	9.9
54QR04	Pioneer	3.6	3.5	3.9	2.1	9.5
428	Allied	3.3	3.3	3.8	2.3	9.4
8444	Integra	3.0	2.9	3.2	2.2	8.3
HIGH MEAN		3.8	3.7	4.2	2.5	10.3
LOW MEAN		2.4	2.9	3.2	2.1	8.3
EXP MEAN		3.3	3.5	3.9	2.3	9.7
C.V. %		22.0	10.6	8.2	9.4	-
LSD 5%		n.s.	0.5	0.5	0.3	-

Location: Latitude 48 9.9222'N; Longitude 103 6.132'W; Elevation 1902 ft

Planted: 5/25/2015