

Table 4. 2003-2005 YIELDS, UC DAVIS ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 9/30/02

		2003	2004	2005	AVERAGE		% OF
		Yield	Yield	Yield			CUF101
		Dry t/a					%
<b>Released Varieties</b>	FD						
Magna788(DS788)	8	10.3 (3)	13.6 (1)	10.4 (9)	11.4 (1)	A	109.5
Magna901	9	10.3 (6)	13.2 (6)	10.7 (2)	11.4 (2)	A	109.0
WL525HQ	8	10.0 (8)	13.3 (2)	10.5 (7)	11.3 (4)	A B	108.1
Catalina(SW9217)	9	9.5 (25)	13.2 (5)	10.9 (1)	11.2 (5)	A B C	107.3
Magna801FQ	6	10.1 (7)	12.7 (14)	10.6 (3)	11.1 (6)	A B C D	106.7
Dura843	8	9.5 (21)	13.1 (7)	10.5 (5)	11.1 (7)	A B C D E	106.0
Sequoia	9	9.5 (26)	13.0 (8)	10.4 (8)	11.0 (10)	A B C D E	105.0
DelRio(CW55067)	6	10.4 (2)	12.6 (17)	9.8 (16)	10.9 (11)	A B C D E F	104.7
Beacon	9	9.4 (29)	12.7 (13)	10.5 (6)	10.9 (12)	A B C D E F G	104.2
Moapa69	8	9.7 (16)	13.3 (3)	9.4 (24)	10.8 (14)	A B C D E F G	103.8
58N57	8	9.6 (20)	12.9 (10)	9.9 (14)	10.8 (15)	A B C D E F G	103.4
Pershing	8	9.8 (15)	12.6 (16)	9.6 (20)	10.7 (16)	B C D E F G H	102.3
Dura765	7	10.3 (4)	12.2 (21)	9.3 (29)	10.6 (18)	C D E F G H I	101.4
CW704	7	9.7 (17)	11.9 (23)	9.7 (18)	10.4 (21)	E F G H I J	100.1
CUF101	9	9.0 (38)	12.4 (18)	9.9 (15)	10.4 (22)	E F G H I J	100.0
WL530HQ	8	9.5 (27)	12.3 (20)	9.4 (23)	10.4 (23)	E F G H I J	99.7
C-241	6	9.8 (13)	11.8 (26)	9.3 (28)	10.3 (25)	F G H I J	98.5
59N49	9	9.8 (14)	11.8 (28)	8.7 (36)	10.1 (29)	H I J K	96.5
Tulare	8	9.9 (12)	11.0 (35)	8.9 (34)	9.9 (33)	J K L	95.0
LM459	5	9.3 (30)	11.2 (32)	9.0 (31)	9.9 (34)	J K L	94.6
C-316	4	9.5 (28)	10.8 (36)	8.4 (38)	9.5 (36)	K L M	91.4
Dura512	5	9.3 (32)	10.3 (38)	8.7 (35)	9.4 (37)	K L M	90.4
Recover	5	8.8 (39)	10.3 (37)	9.0 (32)	9.4 (38)	L M	89.9
WL325HQ	3	9.3 (31)	9.7 (40)	8.1 (39)	9.1 (39)	M	86.8
Sutter	7	8.0 (40)	10.3 (39)	8.6 (37)	9.0 (40)	M	85.9
<b>Experimental Varieties</b>							
DS288	8	10.5 (1)	13.2 (4)	10.2 (10)	11.3 (3)	A B	108.4
DS282	8	10.3 (5)	13.0 (9)	9.9 (13)	11.0 (8)	A B C D E	105.9
SW8718	8	9.9 (11)	12.9 (11)	10.2 (11)	11.0 (9)	A B C D E	105.2
SW9218	9	9.2 (34)	12.9 (12)	10.6 (4)	10.9 (13)	A B C D E F G	104.1
ZX9894	9	10.0 (9)	12.4 (19)	9.4 (26)	10.6 (17)	C D E F G H I	101.4
Y56S82	6	10.0 (10)	12.0 (22)	9.6 (19)	10.5 (19)	D E F G H I J	100.9
UC-2589	9	9.2 (33)	12.7 (15)	9.6 (21)	10.5 (20)	D E F G H I J	100.6
CW87089	7	9.1 (35)	11.8 (27)	10.0 (12)	10.3 (24)	F G H I J	98.7
DS266	4	9.5 (22)	11.8 (25)	9.4 (25)	10.3 (26)	G H I J	98.2
6R628	6	9.6 (19)	11.6 (30)	9.5 (22)	10.2 (27)	G H I J	98.1
4S42	4	9.5 (24)	11.5 (31)	9.7 (17)	10.2 (28)	G H I J	98.0
UC-2705	9	9.1 (37)	11.7 (29)	9.3 (27)	10.0 (30)	H I J K L	96.2
Y57Q75	7	9.1 (36)	11.8 (24)	9.0 (33)	10.0 (31)	I J K L	95.4
CW86085	6	9.5 (23)	11.2 (33)	9.1 (30)	9.9 (32)	I J K L	95.2
ABI700	6	9.7 (18)	11.0 (34)	8.0 (40)	9.5 (35)	K L M	91.5
Mean		9.61	12.09	9.59	10.43		
CV		6.2	6.0	5.4	5.5		
LSD (.05)		0.83	1.01	0.73	0.66		

Variety X Year interaction is significant

Trial seeded at 25 lb/acre viable seed on Yolo clay loam soil at the UC Davis Agronomy Farms, CA.

Entries followed by the same letter are not significantly different at the 5% probability level according to Fishers (protected) LSD.

FD = Fall Dormancy reported by seed companies.