

TABLE 5. 2005 YIELDS, UC DAVIS ALFALFA ROUNDUP-READY TRIAL . TRIAL PLANTED 8/28/03

Note: Single year data should not be used to evaluate alfalfa varieties or choose alfalfa cultivars

		Cut 1 4/13	Cut 2 5/25	Cut 3 6/22	Cut 4 7/18	Cut 5 8/16	Cut 6 9/13	Cut 7 10/14	YEAR TOTAL		% OF CUF101 %
Control Varieties	FD	Dry t/a									
SW7410	7	1.3 (2)	1.8 (4)	2.0 (3)	2.0 (3)	1.7 (5)	1.1 (9)	0.9 (14)	10.9 (2)	A	105.4
TANGO	6	1.3 (1)	2.0 (1)	1.8 (13)	1.8 (7)	1.7 (4)	1.0 (17)	1.1 (3)	10.8 (3)	A	105.1
Magna801FQ	8	1.2 (9)	1.7 (13)	1.9 (9)	2.0 (4)	2.0 (1)	1.1 (12)	0.9 (13)	10.8 (4)	A	105.0
CUF101	9	1.2 (12)	1.6 (17)	1.8 (12)	1.8 (10)	1.6 (11)	1.1 (14)	1.3 (1)	10.3 (8)	A B C	100.0
WL525HQ	8	1.2 (10)	1.5 (20)	1.9 (11)	1.7 (14)	1.4 (19)	1.1 (11)	1.0 (6)	9.8 (15)	A B C D	95.0
PARADE	6	1.3 (5)	1.7 (14)	1.6 (17)	1.5 (18)	1.4 (16)	1.0 (18)	0.9 (12)	9.4 (17)	B C D	91.1
WL325HQ	3	1.1 (15)	1.8 (11)	1.6 (20)	1.5 (17)	1.8 (2)	0.7 (20)	0.5 (20)	8.9 (19)	D	86.7
Sutter	6	1.2 (6)	1.8 (7)	1.7 (16)	1.5 (19)	1.3 (20)	0.9 (19)	0.6 (19)	8.9 (20)	D	86.3
Roundup Ready® Varieties											
RR03BD196	10	1.2 (7)	1.7 (12)	2.2 (1)	1.9 (5)	1.6 (10)	1.2 (2)	1.0 (7)	10.9 (1)	A	105.4
REVOLUTION(RR03BD-181)	8	1.2 (11)	1.8 (6)	2.1 (2)	2.0 (2)	1.6 (9)	1.2 (5)	0.9 (16)	10.8 (5)	A	104.7
RR03BD194	10	1.2 (13)	1.8 (9)	2.0 (5)	2.1 (1)	1.4 (18)	1.1 (7)	1.0 (8)	10.5 (6)	A B	102.2
WL550RR(RR03BD-101)	8	1.1 (14)	1.6 (18)	1.9 (10)	1.9 (6)	1.6 (8)	1.1 (8)	1.1 (2)	10.4 (7)	A B	101.0
RR03B182	9	0.9 (20)	1.6 (15)	2.0 (4)	1.8 (12)	1.7 (6)	1.2 (4)	1.1 (4)	10.3 (9)	A B C	100.0
RR03BD164	10	1.3 (3)	1.8 (3)	2.0 (6)	1.7 (16)	1.5 (14)	1.1 (10)	1.0 (10)	10.3 (10)	A B C	99.9
RR03BD176	10	1.1 (16)	1.8 (5)	1.8 (15)	1.8 (11)	1.5 (13)	1.2 (1)	1.1 (5)	10.2 (11)	A B C	99.0
RR03B115	9	1.0 (18)	1.6 (16)	2.0 (7)	1.7 (13)	1.7 (3)	1.2 (3)	0.9 (15)	10.1 (12)	A B C D	97.6
RR03B189	9	1.0 (19)	1.5 (19)	1.9 (8)	1.8 (9)	1.6 (12)	1.2 (6)	1.0 (9)	10.0 (13)	A B C D	96.8
DKA84-10RR(RR03BD-140)	8	1.2 (8)	1.8 (10)	1.8 (14)	1.7 (15)	1.7 (7)	1.1 (13)	0.8 (17)	9.9 (14)	A B C D	96.0
RRALF6R100(RR03BD-161)	6	1.1 (17)	1.8 (8)	1.6 (19)	1.8 (8)	1.4 (17)	1.0 (15)	0.9 (11)	9.6 (16)	B C D	92.6
RR03BD127	7	1.3 (4)	1.9 (2)	1.6 (18)	1.4 (20)	1.5 (15)	1.0 (16)	0.6 (18)	9.2 (18)	C D	89.3
MEAN		1.16	1.73	1.86	1.78	1.59	1.07	0.92	10.10		
CV		12.5	7.9	10.5	18.6	19.1	10.1	24.3	8.3		
LSD (.05)		0.20	0.19	0.28	NS	NS	0.15	0.32	1.18		

Trial seeded at 25 lb/acre viable seed on Yolo clay loam soil at the Univ. of California Agronomy Farm, Davis, CA.

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

FD = Fall Dormancy reported by seed companies.