

Table 6. 2004-2005 YIELDS, UC DAVIS ALFALFA ROUNDUP READY TRIAL. TRIAL PLANTED 8/28/03

		2004 Yield	2005 Yield	AVERAGE		% OF CUF101
	FD		Dry t/a			%
Control Varieties						
Magna801FQ	8	12.5 (1)	10.8 (4)	11.7 (1)	A	106.6
TANGO	6	12.2 (2)	10.8 (3)	11.5 (2)	A B	105.4
SW7410	7	11.8 (4)	10.9 (2)	11.4 (3)	A B C	103.9
CUF101	9	11.6 (10)	10.3 (8)	10.9 (10)	A B C D E	100.0
WL525HQ	8	11.4 (12)	9.8 (15)	10.6 (14)	C D E F G	97.0
PARADE	6	11.3 (14)	9.4 (17)	10.3 (17)	E F G	94.6
Sutter	6	10.8 (18)	8.9 (20)	9.8 (19)	G H	90.0
WL325HQ	3	9.7 (20)	8.9 (19)	9.3 (20)	H	85.1
Roundup Ready® Varieties						
REVOLUTION(RR03BD-181)	8	11.8 (6)	10.8 (5)	11.3 (4)	A B C D	103.2
RR03BD196	10	11.6 (9)	10.9 (1)	11.2 (5)	A B C D	102.9
RR03BD194	10	11.8 (5)	10.5 (6)	11.2 (6)	A B C D E	102.3
RR03BD176	10	11.9 (3)	10.2 (11)	11.0 (7)	A B C D E	101.1
RR03BD164	10	11.7 (7)	10.3 (10)	11.0 (8)	A B C D E	100.7
WL550RR(RR03BD-101)	8	11.5 (11)	10.4 (7)	11.0 (9)	A B C D E	100.5
DKA84-10RR(RR03BD-140)	8	11.7 (8)	9.9 (14)	10.8 (11)	B C D E	98.6
RR03B182	9	11.2 (15)	10.3 (9)	10.8 (12)	B C D E F	98.4
RR03B115	9	11.4 (13)	10.1 (12)	10.7 (13)	B C D E F	98.1
RR03B189	9	10.9 (17)	10.0 (13)	10.5 (15)	D E F G	95.7
RRALF6R100(RR03BD-161)	6	11.1 (16)	9.6 (16)	10.4 (16)	E F G	94.7
RR03BD127	7	10.6 (19)	9.2 (18)	9.91 (18)	F G H	90.7
Mean		11.42	10.10	10.76		
CV		5.5	8.3	5.6		
LSD (.05)		0.88	1.18	0.86		

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.