

Table 10. UC Kearney Alfalfa Cultivar Trial 1997-1999 Yields. Trial planted 9/20/96

ENTRY	1997		1998		1999		AVERAGE		% OF 101	
	Yield		Yield		Yield					
Dry Tons/Acre										
Released Cultivars										
SW 9500 (SW 9504)	15.38	(2)	11.46	(6)	11.09	(7)	12.64	(3)	A B	113.2
SW 9301	14.78	(16)	11.78	(2)	11.2	(5)	12.59	(4)	A B C	112.6
Coronado	14.65	(24)	11.37	(7)	11.06	(8)	12.36	(8)	A B C D E	110.6
Kern	15.19	(5)	11.04	(17)	10.84	(12)	12.35	(10)	A B C D E	110.6
SW 7410	14.75	(19)	11.59	(4)	10.45	(20)	12.26	(13)	A B C D E F	109.8
WL 612	14.98	(7)	11.08	(16)	10.64	(15)	12.23	(14)	A B C D E F	109.5
Beacon (UN9B78)	15.11	(6)	10.95	(22)	10.48	(18)	12.18	(15)	A B C D E F G	109.0
Magna 901 (DS 691)	15.59	(1)	10.86	(27)	9.98	(32)	12.14	(17)	A B C D E F G H	108.7
SW 7400 (SW 7411)	14.73	(20)	11.01	(19)	10.52	(17)	12.08	(19)	A B C D E F G H I J	108.1
WL 525HQ	15.28	(4)	10.67	(33)	10.15	(26)	12.03	(21)	A B C D E F G H I J K	107.7
FG92-301	14.42	(29)	10.62	(35)	11.03	(9)	12.02	(22)	A B C D E F G H I J K	107.6
WestStar(88SWR)	14.44	(27)	11.01	(18)	10.02	(31)	11.82	(27)	B C D E F G H I J K L	105.8
Prestige	14.27	(33)	10.69	(32)	9.96	(33)	11.64	(31)	D E F G H I J K L M N	104.2
DK 180 ML (FG8L412)	13.94	(38)	10.7	(30)	10.19	(25)	11.61	(33)	D E F G H I J K L M N O	103.9
Magna 9	13.5	(46)	10.96	(21)	9.35	(45)	11.27	(41)	H I J K L M N O P	100.9
DK 189	14.44	(28)	9.84	(49)	9.51	(43)	11.26	(42)	H I J K L M N O P	100.8
CUF 101	14.32	(30)	9.98	(47)	9.22	(47)	11.17	(44)	J K L M N O P	100.0
5681	13.51	(45)	10.34	(43)	9.4	(44)	11.09	(47)	L M N O P	99.2
Highline(UC 340)	13.89	(40)	9.67	(50)	8.9	(49)	10.82	(48)	M N O P	96.8
Magna 8	13.81	(43)	9.62	(51)	8.72	(50)	10.72	(50)	O P	95.9
Experimental Cultivars										
SW 9628	14.97	(9)	11.87	(1)	11.72	(2)	12.85	(1)	A	115.0
WL 92-205	14.78	(17)	11.63	(3)	12	(1)	12.8	(2)	A	114.6
IK 9005	14.7	(22)	11.17	(13)	11.49	(3)	12.45	(5)	A B C D	111.4
IK 9004	14.76	(18)	11.3	(9)	11.17	(6)	12.41	(6)	A B C D	111.1
UC 2212	14.15	(37)	11.54	(5)	11.43	(4)	12.37	(7)	A B C D E	110.7
UN1718	14.92	(10)	11.25	(10)	10.91	(11)	12.36	(9)	A B C D E	110.6
DS 681FQ	14.83	(13)	11.33	(8)	10.82	(13)	12.33	(11)	A B C D E	110.3
UC 2269	14.83	(14)	11.22	(12)	10.92	(10)	12.32	(12)	A B C D E	110.3
YS-8T1094	14.9	(12)	10.91	(24)	10.65	(14)	12.15	(16)	A B C D E F G H	108.8
YS9T78	14.97	(8)	11.12	(14)	10.33	(23)	12.14	(18)	A B C D E F G H I	108.7
IK 9206	14.59	(25)	10.98	(20)	10.55	(16)	12.04	(20)	A B C D E F G H I J	107.8
CW 4888	14.55	(26)	11.23	(11)	10.15	(27)	11.98	(23)	A B C D E F G H I J K L	107.2
UC 2219	14.22	(35)	10.92	(23)	10.48	(19)	11.87	(24)	B C D E F G H I J K L	106.3
CW 4880	14.31	(32)	10.89	(25)	10.37	(22)	11.86	(25)	B C D E F G H I J K L	106.1
WL C245	14.92	(11)	10.58	(37)	10.04	(30)	11.84	(26)	B C D E F G H I J K L	106.0
ZX 9392	14.25	(34)	10.81	(28)	10.14	(28)	11.73	(28)	C D E F G H I J K L M	105.0
IK 9216-17	14.67	(23)	10.69	(31)	9.81	(34)	11.72	(29)	C D E F G H I J K L M	104.9
UC 2241	14.32	(31)	10.87	(26)	9.78	(35)	11.65	(30)	D E F G H I J K L M N	104.3
X56N57	15.29	(3)	10.38	(41)	9.23	(46)	11.63	(32)	D E F G H I J K L M N	104.1
ZX 9393	14.81	(15)	10.18	(44)	9.77	(36)	11.59	(34)	D E F G H I J K L M N O	103.7
90 KAS STX5	14.71	(21)	11.11	(15)	8.66	(51)	11.49	(35)	E F G H I J K L M N O	102.9
WL 91-224	13.46	(47)	10.62	(34)	10.4	(21)	11.49	(36)	E F G H I J K L M N O	102.8
ZX 9499	14.18	(36)	10.51	(39)	9.7	(40)	11.46	(37)	E F G H I J K L M N O	102.6
CW 4890	13.89	(41)	10.52	(38)	9.77	(37)	11.39	(38)	F G H I J K L M N O	101.9
ZX 9499A	13.41	(48)	10.7	(29)	9.74	(39)	11.28	(39)	G H I J K L M N O	101.0
UC 2271	13.56	(44)	10.17	(45)	10.1	(29)	11.27	(40)	G H I J K L M N O	100.9
UC 2239	13.82	(42)	10.1	(46)	9.76	(38)	11.23	(43)	I J K L M N O P	100.5
ABI 9283	13.27	(49)	10.59	(36)	9.53	(42)	11.13	(45)	K L M N O P	99.6
FG8L409	13.91	(39)	9.84	(48)	9.57	(41)	11.11	(46)	L M N O P	99.4
XA524	12.83	(50)	10.4	(40)	9.07	(48)	10.76	(49)	N O P	96.3
ST-8T198	10.39	(51)	10.36	(42)	10.33	(24)	10.36	(51)	P	92.7
MEAN	14.36		10.80		10.22		11.79			
CV	6.30		7.10		8.40		5.80			
LSD (.05)	1.26		1.08		1.20		0.91			

Variety X Year interaction is significant

Trial seeded at 25 lb/acre viable seed on Hanford fine sandy loam soil at the Univ. of Calif. Kearney Agricultural Center, Parlier, CA.

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

Last Updated on 12/21/1999