

Table 4. Compliance with the Acetochlor Conditional Registration Agreement's Herbicide Use Reduction Goals, 1992 to 2000 based on USDA Pesticide Use Data [See Notes]

Active Ingredient	Units	1992	1993	1994	1995	1996	1997	1998	1999	2000
2,4-D	% acres planted	10.7	13.2	14.2	13.4	11	9	12	8	8
	Ave. number of applic.	1.03	1.05	1.09	1.04	1	1	1	1	1
	Pounds per acre	0.41	0.45	0	0.44	0.39	0.35	0.39	0.43	0.39
	1,000 Pounds Applied	2,832	3,586	3,631	3,770	3,237	2,087	3,475	2,536	2,359
Alachlor	% acres planted	28.9	25.3	17.3	8.6	9	4	4	4	4
	Ave. number of applic.	1.01	1	1.02	1.02	1	1	1	1	1
	Pounds per acre	2.07	2.06	1.98	1.67	1.64	1.8	1.71	1.87	1.73
	1,000 Pounds Applied	40,129	32,078	21,325	8,718	10,188	4,576	4,898	4,573	4,748
Atrazine	% acres planted	69.2	68	68.5	64.6	71	69	69	70	68
	Ave. number of applic.	1.04	1.05	1.07	1.08	1.1	1.1	1.1	1.1	1
	Pounds per acre	1.1	1.08	1.07	1.07	0.99	1.01	0.99	1.02	1.00
	1,000 Pounds Applied	54,939	49,553	45,412	45,735	53,466	47,155	53,507	54,780	53,954
Butylate	% acres planted	2.3	1.8	1	0.8	1				
	Ave. number of applic.	1	1	1.02	1.06	1		1		
	Pounds per acre	4.39	3.77	3.36	3.46	4.63		6.71		
	1,000 Pounds Applied	8,117	5,441	2,117	1,795	2,475		406		
EPTC	% acres planted	3.8	4.7	2.4	3.1	2	1	2		1
	Ave. number of applic.	1.01	1	1.02	1	1	1	1.3	1	1
	Pounds per acre	4.48	4.05	4.16	3.93	3.81	3.71	3.38	3.4	3.51
	1,000 Pounds Applied	10,594	11,098	6,124	7,102	5,117	3,173	5,894	1,470	2,884
Metolachlor	% acres planted	31	32	32	29	30	35	32	29	12
	Ave. number of applic.	1.01	1.01	1.02	1.02	1	1	1	1	1
	Pounds per acre	1.97	1.91	1.94	1.93	1.89	1.98	1.86	1.42	1.65
	1,000 Pounds Applied	41,327	39,026	39,213	35,075	41,135	43,772	43,479	29,554	14,232
S-Metolachlor	% acres planted									16
	Ave. number of applic.									1
	Pounds per acre									1.26
	1,000 Pounds Applied									15,383
Six A.I. Total Pounds Applied		157,938	140,782	117,822	102,195	115,618	100,763	111,659	92,913	93,560
Acetochlor	% acres planted	.	.	6.6	20	22	24	25	27	25
	Ave. number of applic.	.	.	1.02	1.01	1	1	1	1	1
	Pounds per acre	.	.	1.78	2.01	1.88	1.9	1.81	1.7	1.7
	1,000 Pounds Applied	.	.	7,447	23,312	29,850	28,158	32,955	31,824	31,442
Six Active Ingredients + Acetochlor		157,938	140,782	125,269	125,507	145,468	128,921	144,614	124,737	125,002
Goals for Six Target Active Ingredients										
3-Year Goal (1997) Net Cumulative Reduction							22,600			
5-Year Goal (1999) Net Cumulative Reduction									66,300	
Actual Reduction Six Active Ingredients										
Annual Reduction from 1992 (1,000 pounds)					55,743	42,320	57,175	46,279	65,025	64,378
Cumulative Reduction from 1992 (1,000 pounds)					55,743	98,063	155,238	201,517	266,542	330,920
Actual Reduction Six A.I.s + Acetochlor										
Annual Reduction from 1992 (1,000 pounds)					32,431	12,470	29,017	13,324	33,201	32,936
Cumulative Reduction from 1992 (1,000 pounds)					32,431	44,901	73,918	87,242	120,443	153,379
Per Acre Use										
Acres Planted (1,000)		71,375	65,690	62,500	64,105	70,250	62,200	71,400	68,300	73,800
Six A.I. Per Acre Planted		2.21	2.14	1.89	1.59	1.65	1.62	1.56	1.36	1.27
Six A.I. + Acetochlor/Planted Acre		2.21	2.14	2.00	1.96	2.07	2.07	2.03	1.83	1.69
1999 Goal for Pounds per Acre Based on 33% Reduction from 1992									1.48	

Source: Benbrook Consulting Services, based on data in annual field crop pesticide use surveys from USDA's National Agricultural Statistics Service.