

Table 5. Impact of the Registration of S-Metolachlor on Corn Herbicide Use, 1997 through 2000 based on USDA Pesticide Use Data [See Notes]

	1997	1998	1999	2000
Actual Use Based on NASS Data				
Metolachlor				
% acres planted	35	32	29	12
Ave. number of applic.	1	1	1	1
Pounds per acre	1.98	1.86	1.42	1.65
1,000 Pounds Applied	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
Adjusted Use Based on Corrected NASS Data and Full Switch to S-Metolachlor in 1999				
Metolachlor				
% acres planted	35	32		
Ave. number of applic.	1.00	1		
Pounds per acre	1.98	1.86		
1,000 Pounds Applied	43,772	43,479		
S-Metolachlor				
% acres planted			29	28
Ave. number of applic.			1	1
Pounds per acre			1.2	1.2
1,000 Pounds Applied			23,768	24,797
S-Metolachlor Reduction per Acre Treated from 1998 Rate (Pounds)				
			0.66	0.66
Corn Acres Treated with S-Metolachlor				
			19,807,000	20,664,000
Reduction in Herbicide Use from Switch to S-Metolachlor (Pounds)				
			13,072,620	13,638,240
S-Metolachlor Reduction as Percent of Total Corn Herbicide Use				
			8.5%	8.9%

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