

Pesticide Use and Pest Management Practices for Major Crops in North Dakota - 2000

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PESTICIDE USE FOR CONSERVATION RESERVE PROGRAM (CRP)

Herbicides were applied to 10% of the CRP acreage in 2000 (Table 31). Thirteen different herbicide actives were mentioned by survey respondents. The most frequently used herbicide was 2,4-D, applied to 5.6% of

the acres. Picloram was used on 2.2% of the acres. Farm operators made 68% of the applications. Ground application was used for 87% of the treatments.

TABLE 31 . CRP: Herbicide usage and application method. North Dakota, 2000

Herbicide ¹	Acres Treated ² (1000)	Acres Treated (%)	Applications				Applicator		Method of Application	
			1 X	2 X	3 X	4 X	Farm		Aerial	Ground
			(%)	(%)	(%)	(%)	Operator	Custom	(%)	(%)
2,4-D	155.9	4.9	89.2	9.8	0.6	0.4	73.1	26.9	12.2	87.8
Atrazine	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Bromoxynil	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Bromoxynil + MCPA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Clpyralid	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Clpyralid + 2,4-D	20.9	0.7	90.0	10.0	---	---	74.0	26.0	11.7	88.3
Dicamba	19.0	0.6	85.5	14.5	---	---	66.6	33.4	15.1	84.9
Glyphosate	45.3	1.4	95.8	1.5	2.8	---	74.9	25.1	2.9	97.1
Imazameth	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MCPA	4.4	0.1	100.0	---	---	---	100.0	---	28.2	71.8
Metsulfuron	2.2	0.1	100.0	---	---	---	59.7	40.3	21.3	78.7
Picloram	68.3	2.2	99.9	0.1	---	---	53.6	46.4	19.1	80.9
Thifensulfuron + Tribenuron	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tribenuron	4.0	0.1	100.0	---	---	---	38.9	61.1	---	100.0
All Herbicides	324.3	10.2	92.7	6.4	0.7	0.2	68.3	31.7	13.2	86.8

¹ Herbicides applied as a tank mixture were considered separately unless a commercial premix was used.

² Multiple applications to the same acre were reported as separate values. Acres treated can exceed 100% of the planted acres.
NS - not sufficient to estimate district or state projections.

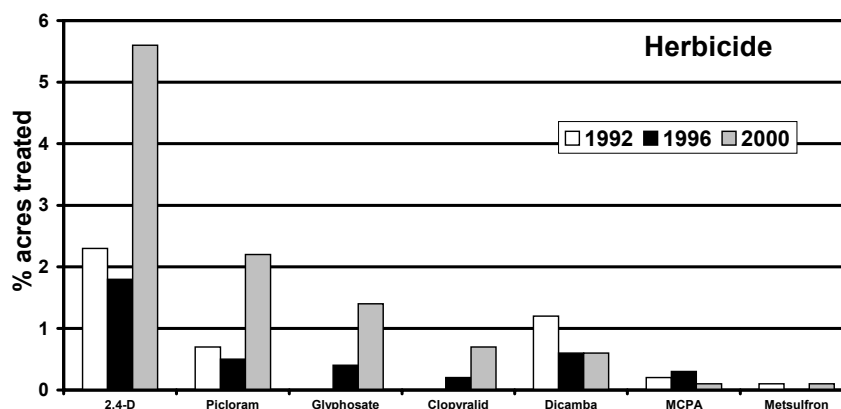


Figure 13. Percent of North Dakota CRP acres treated with the top five active ingredients from the herbicide pesticide group reported in the 1992, 1996, and 2000 statewide pesticide use surveys.