

## Micronutrient Usage

Zinc, a common micronutrient for dry beans, was applied to 53% of Northharvest respondents' acres, nearly the same as in 1997. Zinc was applied to 39% of Minnesota and 59% of North Dakota respondents' acres, which is down from 1997 for Minnesota but about the same for North Dakota. Other micronutrients were used on 11% of Northharvest, 13% of Minnesota and 11% of North Dakota respondents' acres, nearly double the usage in 1997 (Table 23).

**Table 23: Use of zinc and other micronutrients in 1998 in Minnesota and North Dakota**

Treatment	Acres Treated <sup>a</sup>	
	Number	%
<b>Minnesota</b>		
Zinc	9,582	38.6
Other Micronutrients	3,229	13.0
<b>North Dakota</b>		
Zinc	41,974	58.5
Other Micronutrients	7,633	10.6
<b>Northharvest Total</b>		
Zinc	51,556	53.3
Other Micronutrients	10,862	11.2

<sup>a</sup>Respondents' acres only.

A single application of zinc was made by 97% of Minnesota and 95% of North Dakota respondents who answered the question. Two applications were made by 3% of respondents in each state and three applications were made by 2% of North Dakota respondents. Most respondents in both states made but a single application of other micronutrients (Table 24).

**Table 24: Number of applications of zinc and other micronutrients in 1998 by respondents in Minnesota and North Dakota**

	Number of Applications				
	Zinc			Other Micronutrients	
	% of Respondents <sup>a</sup>				
	1	2	3	1	2
<b>Minnesota</b>	96.7	3.3	0	100	0
<b>North Dakota</b>	95.3	3.1	1.6	95	0

<sup>a</sup>Percent of those responding to question; includes only respondents who applied micronutrients.