## **Disease Problems**

White mold was the worst disease problem for 39% of Northarvest respondents on 42% of their acres, followed by root rot for 15% of respondents on 15% of their acres, rust for 6% of respondents on 6% of their acres and bacterial blight for 5% of respondents on 4% of their acres (Table 8). White mold was a less common problem in 1998 than in 1997 and root rot was much more common in 1998 than in 1997. More respondents reported having no serious disease problem ("none") in 1998 than in 1997.

Root rot was the worst disease problem for 33% of Minnesota respondents on 46% of their acres. White mold was the worst disease problem for 33% of Minnesota respondents on 28% of their acres, followed by rust for 5% of Minnesota respondents on 7% of their acres and bacterial blight for 7% of Minnesota respondents on 6% of their acres (Table 8). Root rot was a much greater problem in Minnesota in 1998 than in 1997 and white mold was less of a problem.

White mold was the worst disease problem for 42% of North Dakota respondents on 48% of their acres, followed by rust for 7% of North Dakota respondents on 6% of their acres, root rot for 6% of respondents on 4% of their acres and bacterial blight for 4% of respondents on 4% of their acres (Table 8). White mold was a less common problem in North Dakota in 1998 than in 1997.

Table 8: Worst disease problem<sup>a</sup> in 1998 in Minnesota and North Dakota

Worst Disease Problem	Respondents		Acres Reported <sup>b</sup>	
	Number	%	Number	%
Minnesota	·			
Root Rot	19	33.3	11,461	46.0
White Mold	19	33.3	6,863	27.6
Rust	3	5.3	1,649	6.6
Bacterial Blight	4	7.0	1,374	5.5
Alternaria	1	1.8	700	2.8
None	6	10.5	1,163	4.7
North Dakota				
White Mold	50	42.0	34,163	47.6
Rust	8	6.7	3,920	5.5
Root Rot	7	5.9	3,040	4.2
Bacterial Blight	5	4.2	2,536	3.5
Alternaria	1	0.8	600	0.8
None	34	28.6	18,266	25.4
Northarvest	,			
White Mold	69	39.2	41,026	42.4
Root Rot	26	14.8	14,501	15.0
Rust	11	6.3	5,569	5.8
Bacterial Blight	9	5.1	3,910	4.0
Alternaria	2	1.1	1,300	1.3
None	<40	22.7	19,429	20.1

White mold was ranked as one of the three worst diseases by Northarvest respondents on 53% of dry bean acres reported, considerably less than in 1995-1997. Root rot was ranked as one of the three worst diseases by Northarvest respondents on 36% of respondents' acres, up considerably from 1997. Bacterial blight was ranked as one of the three worst diseases by Northarvest respondents on 32% of their acres, up from 1998. Rust was ranked as one of the three worst diseases by Northarvest respondents on 27% of their acres, slightly lower than in 1997 (Table 9).

Root rot was one of the three worst diseases on 66% of Minnesota respondents' acres and on 26% of North Dakota respondents' acres (Table 9), substantial increases from 1997 in root rot ranking in both states. The data for all other diseases are fairly similar for both states and do not vary greatly from that of the combined data for both states (Northarvest total).

Table 9: Diseases ranked as one of the three worst<sup>a</sup> in 1998 in Minnesota and North Dakota

	Respondents		Acres Reported <sup>b</sup>	
Disease Problem	Number	%	Number	%
Minnesota				1
Root Rot	33	57.9	16,361	65.7
White Mold	30	52.6	12,718	51.1
Bacterial Blight	18	31.6	9,279	37.3
Rust	12	21.1	6,306	25.3
Alternaria	3	5.3	1,815	7.3
None	6	10.5	1,163	4.7
North Dakota	,	1		1
White Mold	60	50.4	38,383	53.4
Bacterial Blight	30	25.2	21,671	30.2
Rust	34	28.6	20,230	28.2
Root Rot	27	22.7	18,864	26.3
Alternaria	<5	4.2	4,015	5.6
None	34	28.6	18,266	25.4
Northarvest	,	1		1
White Mold	90	51.1	51,101	52.8
Root Rot	60	34.1	35,225	36.4
Bacterial Blight	48	27.3	30,950	
Rust	46	26.1	26,536	27.4
Alternaria	8	4.5	5,830	6.0
None	40	22.7	19,429	20.1

<sup>&</sup>lt;sup>a</sup>Ranked as No. 1,2 or 3 disease problem by respondents.

<sup>&</sup>lt;sup>a</sup>Ranked as No. 1 disease problem by respondents.

<sup>&</sup>lt;sup>b</sup>Respondents' acres only.

<sup>&</sup>lt;sup>b</sup>Respondents' acres only.

HOME NAPIAP NDSU HOME TABLE OF CONTENTS TOP OF PAGE BACK NEXT