

Table 67. North Dakota weed infestations in previous crop of HRS wheat, durum wheat, barley, and tame oat based on 731 surveyed fields, spring 2000.

Weed species	Weed Frequency (%)	Field Uniformity		Weed Density		Weed Density Range		Weed Index
		All (%)	Infested (%)	All	Infested	Low	High	
Green foxtail	68.1	24.7	36.3	26.1	38.3	2.3	29.0	108.4
Wild mustard	49.5	17.6	35.5	6.6	13.4	0.1	5.3	49.6
Wild buckwheat	45.0	15.6	34.7	6.1	13.5	0.1	5.2	44.8
Wild oat	34.3	12.6	36.7	6.8	19.9	0.1	7.9	40.0
Canada thistle	36.5	9.4	25.7	3.1	8.4	<0.1	3.7	28.7
Kochia	28.2	9.1	32.3	4.1	14.6	0.1	9.4	28.1
Volunteer cereal	26.5	10.1	38.2	3.4	12.6	<0.1	5.0	26.8
Pigweed species	24.1	8.4	34.9	3.7	15.2	<0.1	6.3	25.0
Yellow foxtail	16.8	6.8	40.2	5.2	31.2	0.3	15.3	24.6
Common lambsquarters	21.2	5.6	26.2	1.8	8.5	<0.1	3.8	16.8
Quackgrass	18.3	4.2	22.9	2.0	11.1	<0.1	6.1	15.0
Russian thistle	15.9	4.4	28.0	1.8	11.5	<0.1	4.8	14.0
Field bindweed	14.1	3.6	25.5	1.2	8.5	<0.1	4.0	11.1
Field pennycress	13.3	3.6	27.2	1.3	9.8	<0.1	5.7	11.1
Common ragweed	9.6	2.1	21.4	0.8	7.9	<0.1	5.7	7.0
Common milkweed	6.7	1.2	17.8	0.3	4.7	<0.1	2.7	4.2
Common cocklebur	5.1	1.5	29.5	0.4	7.9	<0.1	2.9	4.1
Eastern black nightshade	5.7	1.3	23.1	0.3	5.5	<0.1	2.9	4.0
Prickly lettuce	5.6	1.4	24.1	0.3	4.5	<0.1	2.3	3.8
Sunflower	5.9	1.2	21.2	0.2	4.2	<0.1	2.3	3.8
Perennial sowthistle	5.6	1.0	18.3	0.4	6.7	<0.1	3.8	3.8
Flixweed/Tansy mustard	5.7	1.3	22.6	0.2	4.0	<0.1	2.1	3.7
Annual smartweed	4.7	1.0	21.5	0.3	7.1	<0.1	5.1	3.3
Common mallow	3.8	0.9	24.3	0.3	8.1	<0.1	4.9	2.9
Dandelion	4.1	0.9	22.0	0.1	3.2	<0.1	1.6	2.6
Common purslane	2.9	0.8	27.1	0.2	7.2	<0.1	2.4	2.2
Barnyardgrass	2.1	0.7	32.7	0.2	11.9	<0.1	4.2	1.9
Shepherd's-purse	2.1	0.5	23.3	0.2	10.8	<0.1	4.4	1.7
Fairy candelabra	1.9	0.6	29.3	0.2	8.5	<0.1	3.3	1.6
Downy brome	1.5	0.4	25.5	0.2	13.1	<0.1	6.5	1.3
Prairie wild rose	1.9	0.3	15.7	0.1	2.8	<0.1	1.9	1.1
Canola	1.1	0.4	32.5	0.1	9.4	<0.1	5.5	1.0
Sweetclover	1.0	0.3	30.0	0.1	12.9	<0.1	5.9	0.9
Giant ragweed	1.0	0.2	24.3	0.1	6.3	<0.1	2.7	0.7
Lanceleaf sage	1.0	0.2	25.7	0.1	5.5	<0.1	2.7	0.7
Horseweed	1.2	0.2	16.7	<0.1	2.2	<0.1	1.3	0.7
Hedge bindweed	0.7	0.2	36.0	<0.1	6.9	<0.1	2.2	0.6
Prostrate pigweed	0.7	0.2	30.0	0.1	8.2	<0.1	3.4	0.6
Wild-proso millet	0.8	0.2	25.0	<0.1	3.9	<0.1	1.7	0.6
Curly dock	1.0	0.2	17.1	<0.1	2.9	<0.1	1.9	0.5
Cutleaf nightshade	0.8	0.2	21.7	<0.1	5.0	<0.1	3.3	0.5
Greenflower pepperweed	1.1	0.1	12.5	<0.1	1.5	<0.1	1.1	0.5
Whitlowwart species	0.8	0.2	21.7	<0.1	2.9	<0.1	1.5	0.5
Common chickweed	0.7	0.1	14.0	<0.1	6.7	<0.1	5.8	0.4
Foxtail barley	0.8	0.1	10.0	<0.1	2.0	<0.1	1.8	0.4
Alfalfa	0.5	0.1	20.0	<0.1	4.3	<0.1	2.3	0.3

Buffalobur	0.5	0.1	20.0	<0.1	3.2	<0.1	1.8	0.3
Biennial wormwood	0.5	0.1	20.0	<0.1	2.4	<0.1	1.3	0.3
Hairy nightshade	0.4	<0.1	3.3	0.1	17.6	<0.1	13.7	0.3
Yellow woodsorrel	0.4	0.1	26.7	<0.1	5.0	<0.1	2.3	0.3
Erect knotweed	0.4	0.1	16.7	<0.1	5.7	<0.1	2.7	0.3
Venice mallow	0.3	0.1	25.0	<0.1	15.6	<0.1	15.0	0.3
Marshelder	0.5	0.1	10.0	<0.1	1.6	<0.1	1.5	0.3
Tall waterhemp	0.4	0.1	20.0	<0.1	3.9	<0.1	2.0	0.3
Horsetail	0.4	0.1	13.3	<0.1	3.9	<0.1	3.3	0.2
Nightflowering catchfly	0.4	0.1	13.3	<0.1	1.8	<0.1	1.3	0.2
Swamp smartweed	0.4	<0.1	10.0	<0.1	1.1	<0.1	1.0	0.2
Soybean	0.3	0.1	25.0	<0.1	2.7	<0.1	1.0	0.2
Leafy spurge	0.3	<0.1	15.0	<0.1	4.3	<0.1	3.5	0.2
False chamomile	0.3	0.1	20.0	<0.1	2.2	<0.1	1.0	0.2
Purslane speedwell	0.3	<0.1	15.0	<0.1	3.2	<0.1	2.0	0.2
Safflower	0.1	0.1	40.0	<0.1	5.4	<0.1	2.0	0.1
Wild vetch	0.1	<0.1	10.0	<0.1	1.1	<0.1	1.0	0.1
Flax	0.1	<0.1	10.0	<0.1	1.1	<0.1	1.0	0.1
Weed free	38.0	12.5	32.9	-	-	-	-	-

Table 68. North Dakota weed infestations in previous crop of canola and tame mustard based on 135 surveyed fields, spring 2000.

Weed species	Weed Frequency (%)	Field Uniformity		Weed Density		Weed Density Range		Weed Index
		All (%)	Infested (%)	All	Infested	Low	High	
Green foxtail	68.1	22.2	32.6	23.8	35.0	2.3	33.0	100.6
Canola	42.2	16.5	39.1	13.1	31.1	0.4	17.3	61.2
Kochia	39.3	15.3	38.9	6.9	17.5	<0.1	8.1	44.3
Wild mustard	41.5	15.8	38.0	6.1	14.6	<0.1	6.0	43.7
Wild oat	38.5	11.3	29.4	6.4	16.7	0.1	6.7	39.2
Wild buckwheat	39.3	13.8	35.1	5.2	13.2	0.1	4.7	39.0
Canada thistle	43.7	10.7	24.6	3.5	7.9	<0.1	3.8	33.4
Pigweed species	28.1	7.7	27.4	3.6	12.8	0.1	9.1	25.5
Russian thistle	22.2	6.9	31.0	3.5	15.9	0.1	7.6	22.5
Yellow foxtail	14.1	5.1	36.3	4.3	30.7	0.5	15.4	19.9
Quackgrass	23.0	4.9	21.3	2.8	12.0	<0.1	6.5	19.0
Field pennycress	14.1	4.9	34.7	2.5	17.8	<0.1	9.3	15.4
Common lambsquarters	18.5	4.4	23.6	1.6	8.6	<0.1	5.2	14.3
Field bindweed	14.1	3.4	24.2	1.0	7.4	<0.1	2.5	10.5
Common mallow	13.3	3.0	22.8	1.0	7.8	<0.1	4.8	9.9
Perennial sowthistle	11.1	2.4	22.0	0.7	6.0	<0.1	3.1	7.7
Common ragweed	10.4	2.1	20.7	0.8	7.6	<0.1	5.8	7.4
Prickly lettuce	8.9	2.6	29.2	0.6	7.3	<0.1	3.3	7.1
Annual smartweed	5.2	1.0	18.6	1.1	22.0	0.4	32.7	5.4
Flixweed/Tansy mustard	6.7	1.7	25.6	0.3	4.8	<0.1	2.1	4.7
Shepherd's-purse	4.4	1.3	28.3	0.5	12.0	<0.1	6.3	4.0
Volunteer cereal	3.7	1.2	32.0	0.5	14.0	<0.1	9.6	3.6
Sunflower	3.7	0.9	24.0	0.5	14.0	<0.1	4.0	3.3
Common cocklebur	4.4	0.7	15.0	0.1	2.9	<0.1	2.0	2.4
Dandelion	3.7	0.9	24.0	0.1	3.7	<0.1	1.6	2.4
Barnyardgrass	3.0	0.7	22.5	0.2	6.7	<0.1	3.8	2.1
Eastern black nightshade	3.0	0.7	22.5	0.1	4.0	<0.1	1.8	1.9
Fairy candelabra	2.2	0.6	26.7	0.2	11.1	<0.1	5.3	1.9
Common milkweed	3.0	0.3	10.0	0.1	3.5	<0.1	3.3	1.5
Nightflowering catchfly	0.7	0.6	80.0	0.3	36.6	<0.1	7.0	1.5
Prostrate pigweed	2.2	0.4	16.7	0.1	4.7	<0.1	3.7	1.4
Giant ragweed	1.5	0.4	30.0	0.1	8.1	<0.1	3.5	1.2
Curly dock	1.5	0.2	15.0	0.1	9.1	<0.1	8.0	1.0
Common purslane	0.7	0.4	50.0	0.2	22.6	<0.1	6.0	1.0
Hedge bindweed	1.5	0.4	25.0	0.1	3.8	<0.1	1.5	1.0
Marshelder	1.5	0.4	25.0	<0.1	3.2	<0.1	1.5	1.0
Common chickweed	1.5	0.1	10.0	0.1	6.5	<0.1	15.5	0.9
Downy brome	0.7	0.3	40.0	0.1	8.6	<0.1	4.0	0.7
Purslane speedwell	0.7	0.2	30.0	0.1	8.6	<0.1	6.0	0.6
Biennial wormwood	0.7	0.2	30.0	<0.1	5.4	<0.1	3.0	0.6
Lanceleaf sage	0.7	0.1	20.0	<0.1	4.3	<0.1	3.0	0.5
Field sandbur	0.7	0.1	20.0	<0.1	2.2	<0.1	1.0	0.4
Sweetclover	0.7	0.1	10.0	<0.1	3.2	<0.1	3.0	0.4
Yellow woodsorrel	0.7	0.1	10.0	<0.1	1.1	<0.1	1.0	0.3
False chamomile	0.7	0.1	10.0	<0.1	1.1	<0.1	1.0	0.3
Weed free	25.2	6.9	27.4	-	-	-	-	-

Table 69. North Dakota weed infestations in previous crop of soybean, dry bean, lentil and field pea based on 197 surveyed fields, spring 2000.

Weed species	Weed Frequency (%)	Field Uniformity (%)		Weed Density -- Plants/m ² --		Weed Density Range -- Plants/m ² --		Weed Index
		All	Infested	All	Infested	Low	High	
Green foxtail	59.4	21.6	36.3	19.1	32.2	1.4	20.1	85.9
Wild mustard	53.3	16.9	31.6	5.9	11.0	<0.1	4.1	48.3
Yellow foxtail	31.0	9.6	31.0	10.2	33.0	0.4	16.8	43.8
Wild buckwheat	46.7	15.8	33.8	4.5	9.6	<0.1	3.7	41.8
Common lambsquarters	35.0	11.5	32.8	5.9	16.8	<0.1	8.1	36.9
Soybean	44.2	14.5	32.9	2.6	5.9	<0.1	2.3	35.3
Kochia	27.4	7.1	25.9	4.2	15.2	0.1	14.4	26.0
Canada thistle	36.0	8.2	22.7	2.3	6.4	<0.1	3.2	25.6
Pigweed species	24.4	7.6	31.0	3.2	13.3	<0.1	7.1	23.2
Wild oat	21.3	5.8	27.4	3.3	15.7	0.1	10.5	20.7
Eastern black nightshade	19.8	5.6	28.5	2.2	11.3	<0.1	4.5	17.5
Common ragweed	20.8	5.8	27.8	1.8	8.6	<0.1	3.6	16.9
Common cocklebur	15.2	4.5	29.3	1.2	7.7	<0.1	3.1	12.3
Wild-proso millet	5.1	1.6	31.0	0.7	14.1	<0.1	6.8	4.9
Common milkweed	9.6	1.2	12.6	0.2	1.9	<0.1	1.5	4.9
Perennial sowthistle	5.6	1.4	25.5	0.5	9.0	<0.1	3.8	4.5
Field bindweed	7.1	1.1	15.7	0.2	2.3	<0.1	1.6	3.9
Sunflower	4.6	1.1	23.3	0.2	5.1	<0.1	2.1	3.1
Russian thistle	3.6	1.1	30.0	0.3	7.7	<0.1	2.7	2.9
Quackgrass	4.6	0.7	14.4	0.2	5.4	<0.1	3.9	2.8
Field pennycress	2.5	0.7	26.0	0.2	7.3	<0.1	3.4	1.9
Prickly lettuce	3.0	0.5	16.7	0.1	3.4	<0.1	2.0	1.8
Dry bean	3.0	0.5	16.7	0.1	2.7	<0.1	1.7	1.7
Yellow woodsorrel	1.0	0.5	50.0	0.4	36.6	<0.1	14.5	1.7
Sweetclover	2.5	0.6	24.0	0.1	3.4	<0.1	1.8	1.7
Common mallow	2.5	0.5	20.0	0.1	4.7	<0.1	3.0	1.6
Lanceleaf sage	1.0	0.6	60.0	0.2	21.0	<0.1	6.0	1.4
Annual smartweed	2.0	0.2	10.0	<0.1	2.2	<0.1	2.0	1.0
Biennial wormwood	1.0	0.4	35.0	<0.1	4.8	<0.1	2.0	0.8
Venice mallow	1.5	0.2	13.3	<0.1	2.5	<0.1	1.7	0.8
Field pea	0.5	0.4	80.0	0.1	18.3	<0.1	3.0	0.8
Volunteer cereal	1.0	0.2	20.0	<0.1	3.8	<0.1	2.5	0.6
Lentil	1.0	0.1	5.0	0.1	7.0	<0.1	24.0	0.6
Tall waterhemp	1.0	0.2	15.0	<0.1	1.6	<0.1	1.0	0.5
Shepherd's-purse	1.0	0.1	10.0	<0.1	2.2	<0.1	2.0	0.5
Dandelion	1.0	0.1	10.0	<0.1	1.1	<0.1	1.0	0.5
Prostrate pigweed	0.5	0.2	30.0	<0.1	3.2	<0.1	1.0	0.4
Hedge bindweed	0.5	0.1	20.0	<0.1	2.2	<0.1	1.0	0.3
Canola	0.5	0.1	20.0	<0.1	2.2	<0.1	1.0	0.3
Hairy nightshade	0.5	0.1	10.0	<0.1	3.2	<0.1	3.0	0.3
Giant ragweed	0.5	0.1	10.0	<0.1	2.2	<0.1	2.0	0.2
Marshelder	0.5	0.1	10.0	<0.1	1.1	<0.1	1.0	0.2
Barnyardgrass	0.5	0.1	10.0	<0.1	1.1	<0.1	1.0	0.2
Fairy candelabra	0.5	0.1	10.0	<0.1	1.1	<0.1	1.0	0.2
Curly dock	0.5	0.1	10.0	<0.1	1.1	<0.1	1.0	0.2
False chamomile	0.5	0.1	10.0	<0.1	1.1	<0.1	1.0	0.2

Purslane speedwell	0.5	0.1	10.0	<0.1	1.1	<0.1	1.0	0.2
Buffalobur	0.5	0.1	10.0	<0.1	1.1	<0.1	1.0	0.2
Flixweed/Tansy mustard	0.5	0.1	10.0	<0.1	1.1	<0.1	1.0	0.2
Weed free	46.7	14.9	31.8	-	-	-	-	-

Table 70. North Dakota weed infestations in previous crop of corn based on 74 surveyed fields, spring 2000.

Weed species	Weed							
	Weed Frequency	Field Uniformity		Weed Density		Density Range		Weed Index
	(%)	All (%)	Infested (%)	All -- Plants/m ² --	Infested --	Low -- Plants/m ² --	High --	
Green foxtail	44.6	16.5	37.0	13.8	31.0	0.9	18.2	63.6
Common lambsquarters	37.8	12.4	32.9	10.5	27.7	0.2	11.8	49.5
Wild buckwheat	37.8	13.5	35.7	6.5	17.1	<0.1	7.9	41.3
Yellow foxtail	31.1	10.0	32.2	8.7	27.9	1.1	20.2	40.6
Wild mustard	28.4	9.3	32.9	5.4	19.1	0.1	6.1	31.4
Common cocklebur	31.1	10.7	34.3	3.3	10.7	<0.1	5.1	28.8
Canada thistle	36.5	9.5	25.9	2.3	6.3	<0.1	3.1	27.0
Wild oat	23.0	6.4	27.6	5.4	23.5	0.4	10.6	26.6
Kochia	23.0	7.6	32.9	4.2	18.3	<0.1	13.3	25.0
Wild-proso millet	13.5	5.8	43.0	4.0	29.5	<0.1	12.6	19.6
Eastern black nightshade	21.6	6.8	31.3	2.2	10.0	<0.1	4.5	19.0
Quackgrass	18.9	5.4	28.6	3.0	15.8	<0.1	8.4	18.7
Pigweed species	21.6	4.9	22.5	2.2	10.0	<0.1	4.9	17.1
Common ragweed	14.9	6.1	40.9	1.3	8.6	<0.1	3.2	14.0
Field bindweed	13.5	3.0	22.0	1.0	7.6	<0.1	3.9	9.9
Common milkweed	14.9	2.8	19.1	0.7	4.9	<0.1	2.6	9.5
Barnyardgrass	6.8	1.9	28.0	0.8	11.4	<0.1	6.4	5.9
Russian thistle	8.1	1.8	21.7	0.5	6.3	<0.1	3.3	5.6
Corn	6.8	1.9	28.0	0.6	8.2	<0.1	3.6	5.4
Sunflower	6.8	1.2	18.0	0.4	6.5	<0.1	7.2	4.5
Perennial sowthistle	5.4	1.2	22.5	0.2	3.5	<0.1	1.8	3.5
Horseweed	4.1	1.1	26.7	0.2	3.9	<0.1	1.7	2.8
Dandelion	5.4	0.5	10.0	0.1	2.2	<0.1	2.0	2.6
Biennial wormwood	4.1	0.8	20.0	0.1	2.2	<0.1	1.0	2.4
Prickly lettuce	4.1	0.5	13.3	0.2	3.9	<0.1	3.3	2.3
Canola	1.4	0.9	70.0	0.2	17.2	<0.1	4.0	1.9
Field pennycress	2.7	0.7	25.0	0.1	2.7	<0.1	1.0	1.7
Volunteer cereal	2.7	0.5	20.0	0.1	3.2	<0.1	2.0	1.6
Common mallow	2.7	0.3	10.0	0.2	6.5	<0.1	6.0	1.6
Giant ragweed	1.4	0.7	50.0	0.2	12.9	<0.1	4.0	1.5
Swamp smartweed	1.4	0.7	50.0	0.1	5.4	<0.1	1.0	1.3
Prairie wild rose	1.4	0.4	30.0	<0.1	3.2	<0.1	1.0	1.0
Flixweed/Tansy mustard	1.4	0.1	10.0	<0.1	1.1	<0.1	1.0	0.6
Yellow woodsorrel	1.4	0.1	10.0	<0.1	1.1	<0.1	1.0	0.6
Nightflowering catchfly	1.4	0.1	10.0	<0.1	1.1	<0.1	1.0	0.6
Yellow nutsedge	1.4	0.1	10.0	<0.1	1.1	<0.1	1.0	0.6
Common purslane	1.4	0.1	10.0	<0.1	1.1	<0.1	1.0	0.6
Weed free	36.5	11.1	30.4	-	-	-	-	-

Table 71. North Dakota weed infestations in previous crop flax based on 14 surveyed fields, spring 2000.

Weed species	Weed							
	Weed Frequency	Field Uniformity		Weed Density		Density Range		Weed Index
	(%)	All (%)	Infested (%)	All	Infested	Low	High	
				-- Plants/m ² --		-- Plants/m ² --		
Green foxtail	64.3	36.4	56.7	23.3	36.2	0.7	27.0	131.0
Wild buckwheat	64.3	27.1	42.2	13.8	21.5	0.1	5.8	112.2
Pigweed species	50.0	14.3	28.6	14.8	29.5	0.2	9.3	80.9
Yellow foxtail	28.6	17.1	60.0	16.1	56.2	0.2	23.5	65.4
Canada thistle	64.3	22.1	34.4	7.1	11.0	<0.1	4.4	64.2
Kochia	50.0	20.0	40.0	9.7	19.4	0.2	23.4	60.1
Wild mustard	57.1	17.9	31.3	7.1	12.4	<0.1	4.0	59.3
Wild oat	57.1	12.1	21.3	8.8	15.5	0.5	7.5	53.4
Common lambsquarters	28.6	13.6	47.5	7.1	24.8	<0.1	5.8	51.8
Quackgrass	28.6	6.4	22.5	4.8	16.7	<0.1	5.8	39.6
Russian thistle	28.6	9.3	32.5	3.5	12.4	<0.1	5.0	27.1
Common ragweed	21.4	6.4	30.0	2.0	9.3	<0.1	4.0	27.1
Prickly lettuce	21.4	5.7	26.7	2.1	9.7	<0.1	4.3	18.2
Wild-proso millet	7.1	2.9	40.0	3.2	45.2	<0.1	28.0	14.0
Nightflowering catchfly	7.1	5.0	70.0	1.8	25.8	<0.1	9.0	12.8
Volunteer cereal	7.1	3.6	50.0	1.8	25.8	<0.1	10.0	11.7
Common mallow	7.1	3.6	50.0	0.8	10.8	<0.1	6.0	10.3
Field bindweed	7.1	2.1	30.0	0.8	11.8	<0.1	5.0	7.7
Common milkweed	7.1	0.7	10.0	0.2	3.2	<0.1	3.0	6.5
Annual smartweed	7.1	0.7	10.0	0.2	2.2	<0.1	2.0	3.6
Greenflower pepperweed	7.1	0.7	10.0	0.1	1.1	<0.1	1.0	3.5
Weed free	28.6	3.6	12.5	-	-	-	-	-

Table 72. North Dakota weed infestations in previous crop of sunflower and safflower based on 143 surveyed fields, spring 2000.

Weed species	Weed Frequency (%)	Field Uniformity		Weed Density		Weed Density Range		Weed Index
		All (%)	Infested (%)	All	Infested	Low	High	
Green foxtail	69.9	32.4	46.4	24.7	35.3	1.0	22.4	113.4
Sunflower	71.3	34.2	47.9	21.9	30.7	0.4	10.7	109.0
Wild mustard	55.9	22.5	40.3	10.8	19.4	0.2	9.7	66.4
Wild buckwheat	57.3	21.3	37.2	9.3	16.3	0.1	6.4	62.3
Wild oat	35.0	13.1	37.4	6.7	19.2	<0.1	9.9	40.4
Pigweed species	35.7	13.6	38.0	6.1	17.1	<0.1	10.0	39.7
Canada thistle	51.0	13.4	26.3	3.7	7.2	<0.1	3.5	39.0
Kochia	34.3	8.3	24.1	6.7	19.6	0.7	18.2	35.3
Common lambsquarters	30.8	10.1	32.7	5.7	18.5	<0.1	11.4	33.6
Yellow foxtail	16.1	5.5	33.9	4.8	30.0	0.1	14.3	22.1
Russian thistle	19.6	6.0	30.7	2.5	12.9	<0.1	5.4	18.4
Common ragweed	11.2	3.1	27.5	1.2	11.2	<0.1	6.3	9.7
Field bindweed	11.9	3.0	25.3	0.7	5.9	<0.1	2.8	8.6
Perennial sowthistle	11.9	1.9	15.9	0.6	4.7	<0.1	2.8	7.2
Field pennycress	9.1	2.0	22.3	0.4	4.5	<0.1	2.4	6.0
Volunteer cereal	2.8	2.1	75.0	0.5	17.0	<0.1	3.3	4.1
Dandelion	4.9	1.6	32.9	0.3	5.2	<0.1	1.9	3.8
Eastern black nightshade	4.9	0.9	18.6	0.5	9.5	<0.1	5.6	3.6
Quackgrass	7.0	0.8	11.0	0.2	2.8	<0.1	2.5	3.6
Prickly lettuce	6.3	0.9	14.4	0.2	2.8	<0.1	2.1	3.4
Barnyardgrass	2.1	1.0	50.0	0.7	33.0	<0.1	27.0	3.4
Annual smartweed	4.2	1.0	23.3	0.3	8.1	<0.1	3.7	3.2
Common cocklebur	4.2	0.6	13.3	0.4	10.4	<0.1	5.8	3.0
Shepherd's-purse	1.4	0.7	50.0	0.7	48.4	<0.1	20.0	2.7
Canola	2.1	0.8	36.7	0.4	20.8	<0.1	8.0	2.5
Prairie wild rose	3.5	0.8	22.0	0.2	5.6	<0.1	3.4	2.4
Common milkweed	3.5	0.7	20.0	0.2	4.5	<0.1	2.8	2.2
Common mallow	2.8	0.6	20.0	0.2	7.5	<0.1	5.0	2.0
Safflower	1.4	0.8	55.0	0.2	14.0	<0.1	3.0	1.7
Flixweed/Tansy mustard	2.1	0.4	20.0	0.1	2.9	<0.1	1.7	1.3
Giant ragweed	1.4	0.5	35.0	0.1	7.0	<0.1	2.5	1.2
Biennial wormwood	1.4	0.5	35.0	0.1	4.3	<0.1	1.5	1.1
Common purslane	2.1	0.2	10.0	0.1	2.5	<0.1	2.3	1.0
Leafy spurge	1.4	0.3	25.0	0.1	6.5	<0.1	3.5	1.0
Foxtail barley	2.1	0.2	10.0	<0.1	2.2	<0.1	2.0	1.0
Nightflowering catchfly	1.4	0.2	15.0	<0.1	1.6	<0.1	1.0	0.7
Marshelder	1.4	0.1	10.0	<0.1	2.2	<0.1	2.0	0.7
Fairy candelabra	1.4	0.1	10.0	<0.1	2.2	<0.1	2.0	0.7
Soybean	1.4	0.1	10.0	<0.1	1.1	<0.1	1.0	0.6
Alfalfa	0.7	0.3	40.0	<0.1	5.4	<0.1	2.0	0.6
Horseweed	0.7	0.3	40.0	<0.1	5.4	<0.1	2.0	0.6
Hedge bindweed	0.7	0.1	20.0	<0.1	4.3	<0.1	2.0	0.4
Whitlowwart species	0.7	0.1	10.0	<0.1	2.2	<0.1	2.0	0.3
Venice mallow	0.7	0.1	10.0	<0.1	1.1	<0.1	1.0	0.3
Curly dock	0.7	0.1	10.0	<0.1	1.1	<0.1	1.0	0.3
Sweetclover	0.7	0.1	10.0	<0.1	1.1	<0.1	1.0	0.3
Prostrate spurge	0.7	0.1	10.0	<0.1	1.1	<0.1	1.0	0.3
Hairy nightshade	0.7	0.1	10.0	<0.1	1.1	<0.1	1.0	0.3
Weed free	18.2	4.5	25.0	-	-	-	-	-

Table 73. North Dakota weed infestations in previous crop of sugarbeet based on 16 surveyed fields, spring 2000.

Weed species	Weed Frequency (%)	Field Uniformity		Weed Density		Weed Density Range		Weed Index
		All (%)	Infested (%)	All	Infested	Low	High	
Green foxtail	43.8	16.9	38.6	17.1	39.1	<0.1	14.0	71.3
Wild mustard	81.3	19.4	23.8	5.4	6.6	<0.1	3.1	59.0
Kochia	37.5	10.0	26.7	4.8	12.9	<0.1	5.5	33.8
Wild buckwheat	37.5	9.4	25.0	2.0	5.4	<0.1	2.2	26.6
Yellow foxtail	31.3	5.6	18.0	2.5	8.0	<0.1	6.2	21.8
Canada thistle	31.3	6.9	22.0	1.7	5.4	<0.1	3.4	21.2
Common lambsquarters	18.8	7.5	40.0	2.6	14.0	<0.1	4.7	19.9
Pigweed species	18.8	6.9	36.7	2.1	11.1	<0.1	4.7	18.0
Eastern black nightshade	25.0	5.0	20.0	0.8	3.2	<0.1	1.8	15.2
Quackgrass	6.3	3.1	50.0	3.7	59.2	<0.1	16.0	13.8
Common ragweed	18.8	5.0	26.7	0.6	3.2	<0.1	1.3	12.7
Common milkweed	18.8	1.9	10.0	0.3	1.4	<0.1	1.3	8.8
Common mallow	6.3	3.8	60.0	1.0	16.1	<0.1	5.0	8.2
Lanceleaf sage	6.3	2.5	40.0	0.8	12.9	<0.1	5.0	6.5
Field bindweed	12.5	1.3	10.0	0.2	1.6	<0.1	1.5	5.9
Wild oat	6.3	1.3	20.0	0.1	2.2	<0.1	1.0	3.6
Prickly lettuce	6.3	0.6	10.0	0.2	3.2	<0.1	3.0	3.2
Common cocklebur	6.3	0.6	10.0	0.1	1.1	<0.1	1.0	2.9
Hairy nightshade	6.3	0.6	10.0	0.1	1.1	<0.1	1.0	2.9
Volunteer cereal	6.3	0.6	10.0	0.1	1.1	<0.1	1.0	2.9
Prairie wild rose	6.3	0.6	10.0	0.1	1.1	<0.1	1.0	2.9
Weed free	75.0	26.3	35.0	-	-	-	-	-

Table 74. North Dakota weed infestations in unknown previous crop based on 133 surveyed fields, spring 2000.

Weed species	Weed							
	Weed Frequency	Field Uniformity		Weed Density		Density Range		Weed Index
	(%)	All (%)	Infested (%)	All	Infested	Low	High	
				-- Plants/m ² --		-- Plants/m ² --		
Green foxtail	66.9	22.3	33.3	29.8	44.6	1.9	28.1	114.1
Wild mustard	42.1	15.8	37.5	9.3	22.2	0.2	8.7	51.6
Wild buckwheat	51.9	17.1	33.0	6.4	12.3	0.2	4.8	49.3
Canada thistle	36.1	11.2	31.0	4.5	12.4	<0.1	4.8	33.6
Pigweed species	31.6	10.3	32.6	5.1	16.2	<0.1	7.1	32.8
Wild oat	29.3	9.6	32.8	4.6	15.7	0.1	6.0	30.1
Kochia	28.6	10.4	36.3	3.7	12.9	<0.1	4.7	28.5
Yellow foxtail	18.8	7.3	38.8	5.9	31.3	0.1	12.9	27.3
Field pennycress	23.3	6.8	29.0	2.5	10.9	<0.1	8.7	20.5
Common lambsquarters	23.3	5.6	23.9	2.8	12.0	<0.1	6.5	19.9
Russian thistle	15.0	4.8	32.0	3.3	21.8	0.1	13.6	17.5
Quackgrass	17.3	4.2	24.3	2.3	13.5	<0.1	7.1	15.4
Field bindweed	13.5	3.9	28.9	1.0	7.2	<0.1	3.4	10.7
Flixweed/Tansy mustard	9.8	2.7	27.7	0.4	4.2	<0.1	1.8	6.9
Common ragweed	7.5	2.0	27.0	0.6	8.1	<0.1	4.7	6.0
Common mallow	4.5	1.4	30.0	0.6	14.4	<0.1	7.7	4.4
Prickly lettuce	6.0	1.2	20.0	0.4	5.9	<0.1	3.1	4.0
Perennial sowthistle	6.0	0.9	15.0	0.3	4.3	<0.1	3.0	3.5
Dandelion	5.3	1.1	21.4	0.2	3.8	<0.1	2.1	3.4
Common milkweed	4.5	0.8	16.7	0.3	7.0	<0.1	4.8	3.0
Annual smartweed	2.3	0.4	16.7	0.6	26.6	<0.1	7.0	2.5
Common cocklebur	2.3	1.1	46.7	0.3	11.1	<0.1	3.3	2.4
Shepherd's-purse	1.5	0.7	45.0	0.4	25.8	<0.1	17.0	2.1
Volunteer cereal	2.3	0.8	33.3	0.2	6.8	<0.1	2.7	1.9
Leafy spurge	0.8	0.7	90.0	0.4	52.7	<0.1	13.0	1.9
Greenflower pepperweed	3.0	0.6	20.0	0.1	3.2	<0.1	1.8	1.8
Foxtail barley	2.3	0.5	20.0	0.2	10.8	<0.1	4.7	1.8
Eastern black nightshade	1.5	0.2	10.0	0.4	28.5	<0.1	15.5	1.7
Whitlowwart species	2.3	0.5	23.3	0.1	3.9	<0.1	2.0	1.5
Horseweed	2.3	0.5	20.0	0.1	4.3	<0.1	2.3	1.4
Sunflower	1.5	0.6	40.0	0.1	7.0	<0.1	2.5	1.3
Prairie wild rose	2.3	0.3	13.3	0.1	2.5	<0.1	2.0	1.2
Hedge bindweed	2.3	0.3	13.3	<0.1	2.2	<0.1	1.7	1.2
Fairy candelabra	1.5	0.4	25.0	0.1	4.8	<0.1	2.5	1.0
Common chickweed	1.5	0.3	20.0	0.1	5.9	<0.1	4.0	1.0
Curly dock	1.5	0.2	15.0	<0.1	2.7	<0.1	2.0	0.8
Wild vetch	1.5	0.2	15.0	<0.1	1.6	<0.1	1.0	0.8
Common purslane	1.5	0.2	10.0	<0.1	1.6	<0.1	1.5	0.7
Alfalfa	1.5	0.2	10.0	<0.1	1.1	<0.1	1.0	0.7
Prostrate pigweed	0.8	0.2	30.0	<0.1	3.2	<0.1	1.0	0.5
Soybean	0.8	0.2	30.0	<0.1	3.2	<0.1	1.0	0.5
Yellow nutsedge	0.8	0.1	10.0	<0.1	6.5	<0.1	6.0	0.4
Downy brome	0.8	0.2	20.0	<0.1	2.2	<0.1	1.0	0.4
Flax	0.8	0.1	10.0	<0.1	3.2	<0.1	3.0	0.4
Purslane speedwell	0.8	0.1	10.0	<0.1	2.2	<0.1	2.0	0.4
Wild-proso millet	0.8	0.1	10.0	<0.1	2.2	<0.1	2.0	0.4
Marshelder	0.8	0.1	10.0	<0.1	1.1	<0.1	1.0	0.3
Sweetclover	0.8	0.1	10.0	<0.1	1.1	<0.1	1.0	0.3
Smallseed false flax	0.8	0.1	10.0	<0.1	1.1	<0.1	1.0	0.3
Yellow woodsorrel	0.8	0.1	10.0	<0.1	1.1	<0.1	1.0	0.3
Cutleaf nightshade	0.8	0.1	10.0	<0.1	1.1	<0.1	1.0	0.3
Weed free	36.8	12.1	32.9	-	-	-	-	-

