

Table 121. Frequency and density (infested fields) of the eight weeds with the largest weed index in 1979 wheat fields which in 1978 had wheat (156 samples), barley (22 samples), fallow (329 samples), oats (20 samples), sugarbeet (10 samples), sunflower (44 samples), soybeans or dry beans (18 samples) and potatoes (9 samples).

Weed	Weed Freq (%)	Weed Density (PL/M ²)	Weed Index	Weed	Weed Freq (%)	Weed Density (PL/M ²)	Weed Index
Wheat previous crop				Barley previous crop			
Green foxtail	97	80.4	290	Green foxtail	91	120.3	364
Wild buckwheat	75	5.0	68	Yellow foxtail	50	41.9	92
Wild oats	72	6.1	66	Wild oats	73	12.3	85
Redroot pigweed	64	5.7	50	Wild buckwheat	86	5.3	83
Yellow foxtail	36	22.0	48	Redroot pigweed	73	4.0	58
Wild mustard	48	3.3	35	Wild mustard	41	1.4	24
Common lambsquarters	48	3.6	34	Common lambsquarters	27	8.7	22
Russian thistle	36	3.3	24	Canada thistle	18	3.3	12
Fallow previous year				Oats previous crop			
Green foxtail	95	71.7	273	Green foxtail	90	118.8	352
Redroot pigweed	76	8.6	69	Yellow foxtail	45	70.4	111
Wild buckwheat	71	3.9	56	Wild buckwheat	70	3.9	59
Wild oats	60	7.4	55	Wild mustard	60	7.4	58
Russian thistle	41	5.4	31	Russian thistle	65	5.8	56
Wild mustard	43	3.0	29	Wild oats	55	6.5	56
Common lambsquarters	44	3.1	29	Redroot pigweed	40	8.4	40
Yellow foxtail	16	20.8	20	Field bindweed	35	7.7	37
Sugarbeet previous crop				Sunflower previous crop			
Green foxtail	100	27.8	183	Green foxtail	95	69.6	271
Redroot pigweed	100	7.4	117	Yellow foxtail	70	34.0	118
Yellow foxtail	50	16.5	69	Wild buckwheat	84	2.7	61
Wild buckwheat	50	5.6	54	Wild oats	57	3.4	45
Kochia	50	2.8	36	Volunteer sunflower	50	4.6	40
Nonflowering catchfly	20	13.8	29	Redroot pigweed	59	2.4	36
Wild oats	30	3.4	27	Kochia	30	7.6	23
Common lambsquarters	30	3.9	22	Canada thistle	36	2.0	20
Beans previous crop				Potatoes previous crop			
Green foxtail	94	56.1	239	Green foxtail	100	60.6	275
Wild oats	72	10.2	85	Wild oats	100	7.6	117
Yellow foxtail	56	11.8	67	Wild buckwheat	78	7.7	87
Wild mustard	56	4.3	52	Redroot pigweed	44	9.3	41
Wild buckwheat	67	1.8	42	Canada thistle	33	0.9	17
Canada thistle	39	1.9	22	Russian thistle	22	0.7	10
Redroot pigweed	28	2.5	20	Yellow foxtail	11	1.8	9
Volunteer sunflower	17	3.0	12	Wild mustard	11	1.0	7