

Pesticide Use in Potato Production, Washington State in 2005					
	Percent Acres Treated	Number of Applications	Number of Acre Treatments	Rate of Application	Pounds Applied
<u>Fungicides</u>					
Azoxystrobin	47	1.8	130,284	0.116	15,000
Boscalid	15	1	23,100	0.272	6,000
Chlorothalonil	64	2.2	216,832	0.923	204,000
Copper hydroxide	14	1.9	40,964	0.605	26,000
Cymoxanil	33	2.7	137,214	0.124	17,000
Famoxadone	9	1	13,860	0.097	1,000
Fenamidone	3	1	4,620	0.179	1,000
Fluazinam	59	1.9	172,634	0.235	42,000
Mancozeb	67	3	309,540	1.386	427,000
Mefenoxam	40	1.7	104,720	0.146	15,000
Metiram	40	2.4	147,840	1.545	224,000
PCNB	26	2	80,080	2	155,000
Propamocarb hydrochloride	6	1.8	16,632	0.727	12,000
Pyraclostrobin	11	1.4	23,716	0.116	3,000
Sulfur	20	2.7	83,160	2.544	208,000
Zoxamide	7	1	10,780	0.075	1,000
Total Fungicides	461		1,515,976		1,357,000
Averages per Acre			9.84		8.81
<u>Herbicides</u>					
EPTC	38	1	58,520	3.444	202,000
Glufosinate-ammonium	9	1	13,860	0.363	5,000
Glyphosate iso salt	11	1	16,940	0.412	7,000
Metribuzin	76	1.1	128,744	0.421	56,000
Pendimethalin	40	1	61,600	0.7	44,000
Rimsulfuron	32	1	49,280	0.018	1,000
S-Metolachlor	3	1	4,620	1.241	7,000
Trifluralin	7	1	10,780	0.511	5,000
Total Herbicides	216		344,344		327,000
Averages per Acre			2		2.12
<u>Insecticides</u>					
Aldicarb	35	1	53,900	2.924	159,000
Cyfluthrin	33	2	101,640	0.029	3,000
Dimethoate	12	2	36,960	0.358	13,000
Esfenvalerate	60	1.7	157,080	0.031	5,000
Ethoprop	6	1.1	10,164	5.012	47,000
Imidacloprid	29	1.9	84,854	0.041	3,000
Methamidophos	49	1.7	128,282	0.927	117,000
Methomyl	9	1.1	15,246	0.505	7,000
Oxamyl	41	2.2	138,908	0.79	110,000
Permethrin	10	1.6	24,640	0.12	3,000
Spiromesifen	18	1.5	41,580	0.182	7,000
Total Insecticides	302		793,254		474,000
Averages per Acre			5.15		3
<u>Other Pesticides</u>					
Dichloropropene	20	1	30,800	160.396	4,892,000
Diquat dibromide	30	1.1	50,820	0.419	21,000
Maleic hydrazide	27	1	41,580	1.866	77,000
Metam-sodium	45	1	69,300	157.959	10,868,000
Paraquat dichloride	5	1	7,700	0.384	3,000
Total Other	127		200,200		15,861,000
Averages per Acre			1.30		102.99
Herb. + Insect. + Fung.: Totals	979		2,653,574		2,158,000
Average per Acre			17.23		14.01
All Pesticides: Totals	1,106		2,853,774		18,019,000
Average per Acre			18.53		117

Notes: Total acres of potatoes surveyed in 2005 where 154,000.

Source: Pesticide use data from the National Agricultural Statistics Service, USDA.