

Other Spring Wheat Chemical Use Highlights

Nitrogen fertilizer was applied to 93 percent of the 2004 spring wheat planted acreage in the survey states. Spring wheat growers applied nitrogen on average 2.0 times per acre, putting down 48 pounds of nitrogen per acre per treatment. Fertilizers with phosphate were applied to 79 percent of the planted acreage and 25 percent of the planted acreage received potash applications.

Spring wheat producers in the states surveyed treated 96 percent of their planted acreage with herbicides. MCPA was the most widely applied herbicide with 46 percent of the planted acreage being treated. It was applied at a rate of 0.29 pounds per acre per application; a total of 1.845 million pounds of the active ingredient were applied. Insecticides were applied to only 2 percent of the other spring wheat acres planted and fungicides were applied to 20 percent of the acres with the most commonly used fungicide tebuconazole.

Other Spring Wheat: Fertilizer Primary Nutrient Applications, Program States and Total, 2004

Primary Nutrient	Planted Acreage	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	<i>1,000 Acres</i>	<i>Percent</i>	<i>Number</i>	<i>Lbs per Acre</i>	<i>Lbs per Acre</i>	<i>Mil. Lbs.</i>
Idaho	500					
Nitrogen		93	1.7	71	121	56.1
Phosphate		63	1.2	33	41	12.7
Potash		23	1.2	30	37	4.4
Minnesota	1,700					
Nitrogen		98	1.6	67	108	180.1
Phosphate		91	1.1	43	49	75.5
Potash		54	1.2	32	38	34.8
Montana	3,000					
Nitrogen		79	1.7	34	57	134.6
Phosphate		69	1.3	26	35	72.6
Potash		13	1.4	16	22	9.0
North Dakota	6,200					
Nitrogen		98	2.5	46	114	691.9
Phosphate		86	1.6	32	50	269.0
Potash		27	1.5	16	24	39.9
Oregon	180					
Nitrogen		91	1.2	50	59	9.7
Phosphate		28	1.1	32	34	1.7
Potash		9	1.0	33	34	0.5
South Dakota	1,600					
Nitrogen		92	1.7	54	90	132.5
Phosphate		68	1.2	40	49	53.2
Potash		19	1.3	22	28	8.5
Washington	530					
Nitrogen		100	1.4	59	86	45.4
Phosphate		67	1.2	17	21	7.4
Potash		9	1.1	38	43	2.1
Total	13,710					
Nitrogen		93	2.0	48	98	1,250.3
Phosphate		79	1.4	33	46	492.1
Potash		25	1.4	21	29	99.2