

Selected Field Crops

Nitrogen: Pennsylvania farmers applied nitrogen to 95 percent of the 1,550,000 acres of corn planted in 2000. Total nitrogen applied to corn in 2000 was 103.8 million pounds. The average rate per application was 43 pounds per acre with the average number of applications of 1.6.

Phosphate: Phosphate was applied to 87 percent of the State's corn acres planted in 2000. Total phosphate applied to corn in 2000 was 59.9 million pounds.

Potash: Corn growers in the State applied potash to 67 percent of the 1,550,000 acres they planted in 2000.

Total amount applied was 35.9 million pounds at a rate of 33 pounds per acre per crop year.

Pesticides: Herbicides were applied to 100 percent of the corn acreage planted. The herbicide Atrazine was the leading agricultural chemical applied with a total amount applied of 1,484,000 pounds on 87 percent of Pennsylvania's corn acreage. Insecticides were applied to 57 percent of corn acreage in Pennsylvania for the 2000 crop year. Tefluthrin was the most common insecticide applied to corn with a total amount applied of 46,000 pounds on 29 percent of Pennsylvania's corn acreage.

Pennsylvania: Total Acreage & Acreage Receiving Pesticide Applications, Specified Crops, 2000

Crop	Area Planted	Area Receiving Treatment		
		Herbicide	Insecticide	Fungicide
	<i>Acres</i>	<i>Percent</i>		
Corn	1,550,000	100	57	0

Pennsylvania: Frequency & Extent of Fertilizer Usage, Specified Crops, 2000

Crop & Nutrient	Area Planted	Area Applied	Applications	Rate Per Application	Rate Per Crop Year	Total Applied
	<i>Acres</i>	<i>Percent</i>	<i>Number</i>	<i>Pounds</i>		<i>Million Lbs.</i>
Nitrogen						
Corn	1,550,000	95	1.6	43	71	103.8
Phosphate						
Corn	1,550,000	87	1.0	42	44	59.9
Potash						
Corn	1,550,000	67	1.0	33	35	35.9

