

CHAPTER XIV

STATISTICS OF FERTILIZERS AND PESTICIDES

This chapter contains statistics on percentages of crop acres treated by various types of fertilizers and pesticides. Nitrogen, phosphate, and potash are the most common fertilizers; herbicides, insecticides, and fungicides are the main categories of pesticides. The tables show data for field crops for 1992-94, fruits for 1993, and vegetables for 1994. NASS collects data for field crops on an annual basis and data for fruits and vegetables on a bi-yearly alternating basis. The major producing States for each crop shown in the tables represent 65-90 percent of the U.S. planted acres, depending on the selected crop. Quantities and rates of active chemical ingredients applied to each crop at State levels are available in a separate publication.

Table 661.—Field crops: Percent of acres receiving applications, by major States, 1992-94¹

Crop	Nitrogen	Phosphate	Potash	Herbicide	Insecticide	Fungicide
			<i>Percent</i>			
1992:						
Corn	97	82	71	96	29	(**)
Cotton, Upland	80	48	38	88	65	7
Potatoes, Fall	100	99	88	81	90	72
Rice	98	34	37	97	11	21
Soybeans	15	22	25	97	1	(*)
Wheat, Winter	85	48	17	33	5	2
Wheat, Durum	73	60	7	93	(*)	1
Wheat, Other Spring	81	72	22	87	1	4
1993:						
Corn	97	82	69	97	29	(**)
Cotton, Upland	85	54	36	91	65	6
Potatoes, Fall	100	98	91	83	88	76
Soybeans	14	21	25	97	2	(*)
Wheat, Winter	86	49	15	43	2	2
Wheat, Durum	78	67	7	91	(**)	(*)
Wheat, Other Spring	87	80	23	96	(*)	3
1994:						
Corn	97	83	72	98	27	(**)
Cotton, Upland	86	54	37	94	71	10
Potatoes, Fall	100	98	91	83	88	80
Soybeans	13	20	25	98	1	(*)
Wheat, Winter	86	49	15	49	11	1
Wheat, Durum	85	69	4	95	(**)	6
Wheat, Other Spring	88	77	23	94	(*)	2

¹ Refers to acres receiving one or more applications of a specific pesticide class. *Applied on less than 1 percent of acres. **None reported for sample.
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Table 662.—Fruits: Percent of acres receiving applications, for major States, 1993¹

Crop	Nitrogen	Phosphate	Potash	Herbicide	Insecticide	Fungicide
	<i>Percent</i>					
Apples	78	37	44	43	99	88
Apricots	76	14	11	48	94	98
Avocados	94	28	27	50	12	10
Blackberries	94	94	94	78	62	77
Blueberries	95	58	81	75	91	87
Cherries, Sweet	84	34	31	45	94	87
Cherries, Tart	86	27	44	49	98	99
Dates	46	36	*	39	75	40
Figs	66	16	27	89	17	**
Grapefruit	98	71	86	93	93	85
Grapes	74	17	33	64	66	93
Kiwifruit	88	16	23	63	11	*
Lemons	90	27	34	71	88	14
Nectarines	95	74	76	84	98	95
Olives	63	*	*	67	27	33
Oranges	97	58	80	94	90	57
Peaches	94	54	61	49	99	98
Pears	88	27	34	44	98	92
Plums	92	42	59	70	89	79
Prunes	87	29	36	40	93	84
Raspberries	97	96	96	83	80	92
Tangelos	100	61	99	95	97	89
Tangerines	98	59	68	84	87	59
Temples	100	80	99	99	98	92

¹ Refers to acres receiving one or more applications of a specific pesticide class.

* Insufficient reports to publish data.

** No reports for the commodity.

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Table 663.—Vegetables: Percent of acres receiving applications, for major States, 1994¹

Crop	Nitrogen	Phosphate	Potash	Herbicide	Insecticide	Fungicide
	<i>Percent</i>					
Asparagus	80	26	46	91	70	23
Beans, Lima, Fresh	100	100	100	83	48	71
Beans, Lima, Processing ...	77	49	37	70	84	24
Beans, Snap, Fresh	94	86	85	60	79	63
Beans, Snap, Processing ..	99	94	89	91	58	41
Broccoli	96	80	63	67	96	36
Cabbage, Fresh	98	92	85	55	97	60
Cabbage, Processing	100	100	100	93	97	12
Carrots	98	93	78	72	34	71
Cauliflower	95	92	69	62	99	51
Celery	98	96	96	64	100	99
Corn, Sweet, Fresh	95	92	91	79	81	36
Corn, Sweet, Processing ...	99	91	84	94	66	9
Cucumbers, Fresh	99	85	94	45	74	81
Cucumbers, Processing	99	94	93	77	48	30
Eggplant	98	77	98	22	91	72
Lettuce, Head	100	83	45	60	100	77
Lettuce, Other	84	75	54	46	89	60
Melons, Cantaloupe	98	67	44	41	82	41
Melons, Honeydew	99	83	31	21	88	40
Melons, Watermelon	96	88	79	41	45	64
Onions, Bulb	98	92	66	88	76	89
Peas, Green, Processing ...	79	64	64	93	50	(*)
Peppers, Bell	96	80	82	57	92	73
Spinach, Fresh	86	76	65	52	75	46
Spinach, Processing	100	100	50	66	62	44
Strawberries	95	89	88	41	88	89
Tomatoes, Fresh	98	89	88	52	94	91
Tomatoes, Processing	98	93	53	76	71	86

¹ Refers to acres receiving one or more applications of a specific pesticide class.

* Insufficient reports to publish data.

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