Lettuce, Head: Fertilizer Use by State, 1998
Percent of Acres Treated and Total Amount Applied

State	Planted Acreage	Percent of Acres Treated and Total Applied					
		Nitrogen		Phosphate		Potash	
	Acres	Percent	1,000 Lbs	Percent	1,000 Lbs	Percent	1,000 Lbs
AZ	54,600	99	19,581	94	13,327	10	249
CA	142,000	93	25,696	75	15,953	80	11,325
NJ	1,300	71	182	71	107	71	168
NY	700	98	55	98	107	98	107
Total	198,600	94	45,514	80	29,494	61	11,849

Lettuce, Head: Fertilizer Primary Nutrient Applications,
New York Surveyed and Total, 1998

Primary Nutrient	Planted Acreage	Area Applied	Appli-cations	Rate per Application	Rate per Crop Year	Total Applied
	Acres	Percent	Number	Pounds per Acre		1,000 Lbs
New York:	700					
Nitrogen		98	1.0	78	80	55
Phosphate		98	1.0	153	157	107
Potash		98	1.0	154	157	107
Four States: 1/	198,600					
Nitrogen		94	3.2	75	243	45,514
Phosphate		80	1.8	102	186	29,494
Potash		61	1.6	59	98	11,849

1/ States included are AZ, CA, NJ,and NY.

Lettuce, Head: Pesticide, Total Acreage,
Percent of Area Receiving Applications and Total Applied,
States Surveyed and Total, 1998

State	Planted Acreage	Area Receiving and Total Applied							
		Herbicide		Insecticide 1/		Fungicide		Other Chemical	
	Acres	Percent	1,000 Lbs	Percent	1,000 Lbs	Percent	1,000 Lbs	Percent	1,000 Lbs
AZ 2/	54,600	51	55.3	91	111.6	77	142.3		
CA	142,000	53	107.9	97	309.3	88	659.2		
NJ 2/	1,300			68	1.0				
NY 2/	700			97	0.6				
Total	198,600	52	168.2	95	422.5	85	803.9	*	84.2

* Area applied is less than one percent.
1/ Total applied excludes Bt's (Bacillus thuringiensis). Quantities are not available because amounts of active ingredient are not comparable between products.
2/ Insufficient reports to publish data for one or more of the pesticide classes.

Lettuce, Head: Agricultural **Chemical** Applications,
States Surveyed, 1998 1/

Agricultural Chemical	Area Applied	Appli-cations	Rate per Application	Rate per Crop Year	Total Applied
	Percent	Number	Pounds per Acre		1,000 lbs
Herbicides:					
Benefin	10	1.1	1.09	1.24	24.3
Bensulide	11	1.0	3.43	3.68	78.7
Glyphosate	4	1.0	0.83	0.84	6.3
Paraquat	2	1.0	0.73	0.74	3.3
Pronamide	35	1.1	0.71	0.79	54.8
Sethoxydim	1	1.2	0.23	0.27	0.6
Insecticides:					
Abamectin	16	1.1	0.007	0.008	0.2
Acephate	55	1.3	0.81	1.11	120.3
Azadirachtin	3	1.0	0.008	0.008	*
Bt (Bacillus thur.)2/	31	1.3			
Carbaryl	1	1.0	1.38	1.39	1.8
Cypermethrin	55	1.4	0.08	0.11	12.3
Cyromazine	1	1.0	0.09	0.10	0.1
Diazinon	16	1.2	0.63	0.80	26.1
Dimethoate	21	1.2	0.22	0.28	11.9
Disulfoton	7	1.0	1.42	1.52	21.5
Endosulfan	7	1.1	0.78	0.90	12.3
Esfenvalerate	3	1.1	0.04	0.04	0.3
Imidacloprid	45	1.2	0.08	0.10	9.3
Lambda-cyhalothrin	8	1.4	0.03	0.04	0.6
Malathion	2	1.1	1.69	1.92	7.6
Methomyl	55	1.6	0.68	1.11	121.9
Oxamyl	0	1.0	0.89	0.89	0.2
Oxydemeton-methyl	4	1.0	0.44	0.46	3.9
Permethrin	77	1.9	0.15	0.29	43.8
Piperonyl butoxide	2	1.0	0.44	0.47	2.0
Pyrethrins	4	1.2	0.008	0.010	0.1
Rotenone	4	1.2	0.005	0.007	*
Spinosad	30	1.2	0.08	0.10	6.2
Tebufenozide	16	1.0	0.11	0.11	3.6
Thiodicarb	11	1.0	0.53	0.58	12.8
Tralomethrin	7	1.1	0.02	0.02	0.4
Zeta-cypermethrin	27	1.1	0.04	0.05	2.6
Fungicides:					
Copper hydroxide	**	1.1	0.25	0.28	0.2
Dicloran	6	1.0	1.38	1.41	17.3
Fosetyl-al	43	1.4	2.38	3.47	297.7
Iprodione	22	1.1	0.84	0.97	41.6
Maneb	76	1.9	1.35	2.69	408.0
Mefenoxam	6	1.0	0.21	0.22	2.6
Metalaxyl	2	1.0	0.30	0.32	1.1
Vinclozolin	19	1.0	0.84	0.88	34.1

* Total applied is less than 50 pounds.
** Area applied is less than 1 percent.
1/ Planted acres in 1998 for the 4 states surveyed were 198,600 acres. States included are AZ, CA, NJ, and NY.
2/ Rates and total applied are not available because amounts of active ingredient are not comparable between products.