



The Value and Benefits of Fungicides In U.S. Crop Production

Data Appendix

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Table 1.1
Almonds
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
California	696,424	1,090.0	1,189,000
Total	696,424	1,090.0	1,189,000

Table 2.1
Apples
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Arkansas	658	4.5	946
California	38,268	470.0	93,840
Connecticut	2,360	12.0	4,740
Georgia	1,297	10.0	1,779
Idaho	3,414	80.0	15,332
Illinois	3,926	43.0	12,678
Indiana	3,209	40.0	9,528
Kansas	599	3.7	881
Kentucky	1,920	5.6	1,272
Maine	3,891	48.5	15,900
Maryland	2,773	32.0	4,549
Massachusetts	4,479	33.0	10,821
Michigan	50,539	500.0	61,223
Missouri	3,821	38.0	6,396
New Hampshire	2,455	26.5	6,993
New Jersey	2,651	35.0	5,640
New York	53,233	680.0	101,980
North Carolina	8,538	160.0	22,205
Ohio	8,485	70.0	18,750
Oregon	7,237	202.0	28,433
Pennsylvania	28,110	370.0	37,150
Rhode Island	307	2.6	849
South Carolina	2,880	9.0	921
Tennessee	1,627	6.5	1,402
Vermont	3,418	31.0	9,435
Virginia	19,331	250.0	25,756
Washington	172,810	5,150.0	1,024,850
West Virginia	7,461	95.0	7,821
Wisconsin	6,794	58.0	18,165
Total	446,491	8,465.9	1,550,235

Table 3.1
Artichokes
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
California	7,725	94.0	66,764
Total	7,725	94.0	66,764

Table 4.1
Asparagus
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
California	34,249	102.0	116,000
Michigan	16,157	22.0	12,000
Washington	18,226	63.0	45,000
Total	68,632	187.0	173,000

Table 5.1
Bananas
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Hawaii	1,844	19.5	8,385
Total	1,844	19.5	8,385

Table 6.1
Barley
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
California	74,721	245.0	12,699
Idaho	634,476	2,592.0	164,578
Minnesota	139,739	307.0	14,157
Montana	902,163	1,920.0	115,710
North Dakota	1,303,723	2,736.0	139,748
Oregon	63,116	178.0	8,024
Other States	560,233	2,037.0	94,107
Washington	337,483	881.0	47,736
Total	4,015,654	10,896.0	596,759

Table 7.1
Blueberries
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Florida	1,646	3.1	18,560
Georgia	4,451	17.0	17,420
Maine	23,293	62.3	15,920
Michigan	17,317	64.0	52,240
New Jersey	7,468	43.0	46,790
North Carolina	5,009	17.0	22,534
Oregon	3,887	27.5	20,075
Washington	2,569	13.0	8,948
Total	65,640	246.9	202,487

Table 8.1
Cabbage
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Arizona	3,000	107.0	10,331
California	12,500	475.0	66,500
Colorado	2,600	114.0	10,868
Florida	8,000	256.0	28,928
Georgia	8,000	236.0	30,680
Illinois	780	15.0	2,006
Michigan	1,800	54.0	6,480
New Jersey	1,600	62.0	10,670
New York	14,400	559.0	52,587
North Carolina	9,000	198.0	17,820
Ohio	1,600	55.0	6,569
Pennsylvania	1,800	34.0	4,549
Texas	8,700	278.0	45,101
Virginia	1,400	53.0	5,320
Wisconsin	8,100	193.0	10,849
Total	83,280	2,689.0	309,258

Table 9.1
Cantaloupes
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Arizona	14,799	444.0	58,608
California	52,727	1,345.0	223,287
Colorado	1,453	40.0	6,560
Delaware	179	4.0	900
Georgia	5,311	125.0	18,810
Indiana	2,211	54.0	9,072
Maryland	684	18.0	3,520
Michigan	770	5.0	1,113
Pennsylvania	1,014	13.0	2,860
Texas	10,084	257.0	80,798
Virginia	765	12.0	1,476
Total	89,997	2,317.0	407,004

Table 10.1
Carrots
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
California	68,635	2,353.0	459,838
Colorado	2,877	140.0	14,280
Michigan	6,047	210.0	21,033
Texas	3,399	127.0	14,713
Washington	10,428	273.0	8,730
Wisconsin	4,674	218.0	6,681
Total	96,060	3,321.0	525,275

Table 11.1
Celery
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
California	22,904	1,775.0	227,000
Florida	4,115	123.0	8,000
Michigan	2,232	99.0	14,000
Total	29,251	1,997.0	249,000

Table 12.1
Cherries
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
California	26,507	111.0	93,315
Michigan	44,468	343.0	55,504
New York	3,643	17.0	7,025
Oregon	15,937	65.0	28,169
Pennsylvania	1,488	5.0	3,001
Washington	36,946	194.0	151,385
Wisconsin	2,434	13.0	2,048
Total	131,423	748.0	340,447

Table 13.1
Citrus
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Arizona	33,129	306.0	56,122
California	342,053	6,210.0	1,013,017
Florida	871,733	25,648.0	1,505,158
Texas	30,299	620.0	31,108
Total	1,277,214	32,784.0	2,605,405

Table 14.1
Collards
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Alabama	789	8.0	1,501
California	738	12.0	4,617
Georgia	5,728	98.0	17,330
North Carolina	2,552	24.0	6,318
South Carolina	2,011	26.0	6,626
Total	11,818	168.0	36,392

Table 15.1
Cotton
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Alabama	523,123	276.0	119,016
Arizona	222,722	276.0	143,582
Arkansas	921,316	792.0	357,300
California	694,653	965.0	650,600
Florida	101,766	40.0	20,275
Georgia	1,267,150	792.0	335,546
Louisiana	474,784	360.0	156,077
Mississippi	1,157,432	950.0	408,672
Missouri	395,880	293.0	129,710
New Mexico	53,045	55.0	27,923
North Carolina	924,097	379.0	163,263
Oklahoma	172,228	96.0	42,134
South Carolina	208,420	62.0	25,781
Tennessee	533,755	390.0	177,866
Texas	4,657,029	2,419.0	985,081
Virginia	92,809	48.0	18,924
Total	12,400,209	8,193.0	3,761,750

Table 16.1
Cranberries
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Massachusetts	14,707	145.0	48,244
New Jersey	3,105	43.0	13,760
Oregon	2,958	43.0	14,209
Washington	2,001	16.0	5,614
Wisconsin	17,494	321.0	103,247
Total	40,265	568.0	185,074

Table 17.1
Cucumbers
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
California	9,351	103.0	29,515
Florida	17,984	427.0	91,942
Georgia	12,604	292.0	32,996
Indiana	1,685	22.0	2,023
Maryland	3,552	8.0	2,352
Michigan	42,303	431.0	50,673
New Jersey	3,476	67.0	11,948
New York	3,265	82.0	22,522
North Carolina	16,396	242.0	35,565
Ohio	2,606	57.0	10,275
South Carolina	4,858	56.0	10,335
Texas	10,377	155.0	35,050
Virginia	2,069	31.0	5,040
Wisconsin	5,980	64.0	5,366
Total	136,506	2,037.0	345,602

Table 18.1
Garlic
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
California	28,690	472.0	138,000
Total	28,690	472.0	138,000

Table 19.1
Grapes
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Arkansas	1,139	11.0	2,000
California	890,896	13,442.0	2,578,000
Michigan	13,420	85.0	15,000
New York	36,716	312.0	48,000
Ohio	2,005	12.0	2,000
Oregon	14,262	44.0	32,000
Pennsylvania	12,565	106.0	15,000
Washington	62,515	664.0	135,000
Total	1,033,518	14,676.0	2,827,000

Table 20.1
Green Beans
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
California	6,500	52.0	32,396
Florida	35,000	294.0	148,764
Georgia	17,500	75.0	24,096
Illinois	20,600	124.0	10,186
Indiana	6,000	34.0	2,755
Maryland	2,100	4.0	1,722
Michigan	20,300	139.0	17,005
New Jersey	3,100	11.0	4,658
New York	31,500	182.0	48,940
North Carolina	7,300	36.0	10,950
Oregon	18,700	232.0	20,951
Pennsylvania	7,500	40.0	4,365
South Carolina	1,400	4.0	1,764
Tennessee	7,600	23.0	8,260
Virginia	5,000	19.0	4,370
Wisconsin	72,200	634.0	35,872
Total	262,300	1,903.0	377,054

Table 21.1
Hazelnuts
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Oregon	33,151	39.0	19,500
Total	33,151	39.0	19,500

Table 22.1
Hops
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Idaho	3,399	6.0	8,721
Oregon	5,651	9.0	20,103
Washington	20,833	43.4	84,589
Total	29,883	58.4	113,413

Table 23.1
Hot Peppers
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
New Mexico	16,569	180.0	52,480
Total	16,569	180.0	52,480

Table 24.1
Kiwi
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
California	4,837	52.0	18,097
Total	4,837	52.0	18,097

Table 25.1
Lettuce
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Arizona	72,022	2,364.0	967,828
California	219,701	7,129.0	1,277,895
Colorado	4,005	81.0	9,882
Florida	3,105	18.0	3,238
New Jersey	2,270	32.0	9,745
Total	301,103	9,624.0	2,268,588

Table 26.1
Mint
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Idaho	13,744	1.6	19,108
Indiana	11,587	0.5	5,186
Michigan	2,471	0.1	1,265
Oregon	27,918	2.2	28,509
Washington	35,210	3.8	40,174
Wisconsin	7,471	0.4	4,334
Total	98,401	8.6	98,576

Table 27.1
Nectarines
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
California	42,532	598.0	114,517
Total	42,532	598.0	114,517

Table 28.1
Onions
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Arizona	1,468	69.0	5,762
California	38,797	2,765.0	218,229
Colorado	11,635	440.0	50,688
Georgia	12,436	143.0	46,304
Idaho	9,827	505.0	37,404
Michigan	4,409	89.0	8,963
New Mexico	7,767	440.0	55,000
New York	11,516	258.0	28,048
Oregon	21,242	1,066.0	80,974
Texas	15,276	570.0	122,871
Utah	2,109	105.0	7,355
Washington	19,663	935.0	72,674
Wisconsin	2,009	53.0	3,820
Total	158,154	7,438.0	738,092

Table 29.1
Papaya
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Hawaii	2,837	46.0	11,900
Total	2,837	46.0	11,900

Table 30.1
Parsley
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
California	1,861	24.0	6,794
Total	1,861	24.0	6,794

Table 31.1
Peaches
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Alabama	4,042	19.0	8,360
Arkansas	1,708	8.0	3,336
California	93,257	1,870.0	271,008
Connecticut	464	1.0	910
Georgia	13,242	92.0	35,316
Idaho	1,002	13.0	5,546
Illinois	2,466	16.0	7,755
Indiana	565	3.0	2,199
Kentucky	602	1.0	654
Louisiana	449	1.0	1,051
Maryland	1,229	7.0	2,741
Massachusetts	426	2.0	1,760
Michigan	6,326	14.0	4,452
Missouri	2,196	13.0	5,460
New Jersey	8,113	57.0	25,194
New York	2,364	10.0	2,375
North Carolina	1,496	10.0	3,500
Ohio	1,582	9.0	4,514
Oklahoma	1,237	6.0	3,347
Oregon	956	7.0	3,028
Pennsylvania	5,756	59.0	19,792
South Carolina	15,069	130.0	42,705
Tennessee	734	4.0	1,739
Texas	6,158	11.0	6,840
Virginia	2,029	7.0	2,747
Washington	3,359	66.0	22,217
West Virginia	1,329	10.0	3,100
Total	178,156	2,446.0	491,646

Table 321
Peanuts
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Alabama	176,395	379.0	63,714
Florida	76,459	198.0	35,011
Georgia	467,712	1,313.0	229,775
New Mexico	15,299	54.0	10,260
North Carolina	100,650	210.0	43,680
Oklahoma	53,390	159.0	27,132
South Carolina	10,344	19.0	3,177
Texas	259,419	868.0	157,976
Virginia	57,373	120.0	23,701
Total	1,217,041	3,320.0	594,426

Table 33.1
Pears
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
California	20,349	524.0	68,270
Michigan	1,128	3.0	445
New York	1,986	20.0	3,682
Oregon	20,035	398.0	63,053
Pennsylvania	1,287	8.0	1,681
Washington	30,979	778.0	116,437
Total	75,764	1,731.0	253,568

Table 34.1
Pecans
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Alabama	22,266	5.0	3,000
Arkansas	10,704	2.0	1,000
Florida	8,625	1.0	1,000
Georgia	128,550	45.0	45,000
Louisiana	13,026	6.0	4,000
Mississippi	12,871	3.0	2,000
Oklahoma	85,740	10.0	5,000
Other States	82,843	56.0	66,000
Texas	180,719	40.0	33,000
Total	545,344	168.0	160,000

Table 35.1
Pistachios
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
California	121,562	303.0	336,330
Total	121,562	303.0	336,330

Table 36.1
Plums and Prunes
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
California	141,494	744.0	208,806
Total	141,494	744.0	208,806

Table 37.1
Potatoes
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Alabama	2,742	55.0	6,000
Arizona	7,679	211.0	28,000
California	48,217	1,770.0	307,000
Colorado	78,959	3,019.0	216,000
Delaware	3,897	94.0	9,000
Idaho	364,229	13,339.0	720,000
Illinois	6,825	198.0	12,000
Indiana	2,491	73.0	4,000
Maine	64,474	1,696.0	120,000
Maryland	3,038	118.0	11,000
Massachusetts	3,220	74.0	5,000
Michigan	45,840	1,388.0	103,000
Minnesota	58,107	1,870.0	118,000
Missouri	5,256	130.0	8,000
Montana	10,479	322.0	37,000
Nebraska	22,059	861.0	51,000
Nevada	7,607	258.0	14,000
New Jersey	2,951	69.0	7,000
New York	22,094	550.0	64,000
North Carolina	19,500	357.0	30,000
North Dakota	105,367	2,346.0	140,000
Ohio	4,865	101.0	10,000
Oregon	47,828	2,494.0	135,000
Pennsylvania	11,094	259.0	23,000
South Dakota	967	33.0	2,000
Utah	749	24.0	2,000
Virginia	5,774	139.0	18,000
Washington	159,317	9,520.0	514,000
Wisconsin	80,332	3,113.0	221,000
Total	1,195,957	44,481.0	2,935,000

Table 38.1
Raspberries
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
California	2,325	29.0	40,851
Oregon	3,552	13.0	8,691
Washington	10,045	74.0	36,985
Total	15,922	116.0	86,527

Table 39.1
Rice
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Arkansas	1,506,615	9,675.0	402,488
California	531,314	4,299.0	271,690
Louisiana	538,518	2,940.0	121,716
Mississippi	233,447	1,619.0	79,988
Missouri	167,716	1,101.0	42,943
Texas	204,069	1,462.0	60,803
Total	3,181,679	21,096.0	979,628

Table 40.1
Soybeans
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Alabama	164,771	223.0	20,646
Arkansas	2,888,018	5,789.0	545,112
Georgia	136,138	176.0	16,023
Kentucky	1,343,039	2,457.0	238,669
Louisiana	660,650	1,248.0	116,582
Mississippi	1,371,014	2,630.0	241,997
Other States	64,397,053	148,754.0	13,798,154
South Carolina	350,272	423.0	39,508
Tennessee	1,088,889	2,083.0	197,904
Total	72,399,844	163,783.0	15,214,595

Table 41.1
Spinach
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Arizona	4,099	94.0	29,000
California	28,017	469.0	121,000
Colorado	1,982	22.0	6,000
Maryland	1,206	5.0	2,000
New Jersey	3,442	16.0	6,000
Texas	3,840	101.0	14,000
Total	42,586	707.0	178,000

Table 42.1
Strawberries
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
California	32,183	1,696.0	990,000
Florida	6,595	176.0	153,000
Michigan	1,224	4.0	4,000
New York	1,406	6.0	9,000
North Carolina	991	22.0	19,000
Ohio	659	4.0	5,000
Oregon	3,013	34.0	17,000
Pennsylvania	1,264	7.0	10,000
Washington	1,953	16.0	8,000
Wisconsin	886	4.0	5,000
Total	50,174	1,969.0	1,220,000

Table 43.1
Sugarbeets
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
California	55,692	3,724.0	69,182
Colorado	39,350	1,588.0	29,219
Idaho	202,932	10,080.0	212,285
Michigan	180,054	6,408.0	122,393
Minnesota	476,617	17,708.0	336,452
Montana	56,027	2,192.0	44,936
Nebraska	41,285	1,520.0	30,400
North Dakota	260,235	9,598.0	196,759
Oregon	11,313	592.0	12,522
Washington	3,711	300.0	5,824
Wyoming	36,105	1,318.0	27,879
Total	1,363,321	55,028.0	1,087,851

Table 44.1
Sweet Corn
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Connecticut	4,697	30.0	7,700
Delaware	10,470	32.0	6,137
Florida	38,933	564.0	101,538
Georgia	23,905	312.0	43,750
Illinois	23,273	216.0	16,852
Indiana	5,569	33.0	7,751
Maryland	10,096	52.0	11,550
Massachusetts	5,680	46.0	14,070
Michigan	10,885	80.0	16,800
Minnesota	139,244	1,768.0	57,159
New Jersey	11,799	79.0	17,244
New York	44,363	669.0	95,431
North Carolina	5,877	72.0	11,300
Ohio	12,854	125.0	26,564
Other States	227,789	2,967.0	241,318
Pennsylvania	17,340	74.0	20,485
Virginia	2,398	10.0	2,392
Wisconsin	97,647	1,239.0	43,453
Total	692,819	8,368.0	741,494

Table 45.1
Sweet Peppers
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
California	18,850	693.0	197,987
Florida	17,028	595.0	218,960
Georgia	4,364	52.0	10,400
Michigan	1,539	40.0	9,600
New Jersey	3,761	96.0	26,166
North Carolina	2,501	91.0	20,020
Ohio	1,347	34.0	7,997
Texas	1,071	16.0	7,520
Total	50,461	1,617.0	498,650

Table 46.1
Tomatoes
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Alabama	1,781	32.0	7,438
Arkansas	1,121	33.0	14,784
California	332,839	23,155.0	925,773
Florida	45,648	1,440.0	508,320
Georgia	5,779	75.0	15,000
Indiana	9,056	537.0	37,977
Maryland	811	26.0	12,596
Massachusetts	450	6.0	5,600
Michigan	6,041	260.0	20,185
New Jersey	4,677	76.0	27,324
New York	2,402	38.0	24,003
North Carolina	2,608	89.0	24,057
Ohio	8,963	545.0	101,304
Pennsylvania	4,328	70.0	16,684
South Carolina	3,080	84.0	20,758
Tennessee	4,327	133.0	43,758
Texas	1,536	18.0	5,760
Virginia	5,314	152.0	41,040
Total	440,761	26,769.0	1,852,361

Table 47.1
Walnuts
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
California	289,742	564.0	304,000
Total	289,742	564.0	304,000

Table 48.1
Watermelons
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Alabama	5,860	44.0	2,933
Arizona	5,541	256.0	21,265
Arkansas	2,267	46.0	2,639
California	12,899	602.0	76,429
Delaware	2,024	122.0	10,935
Florida	23,239	759.0	62,238
Georgia	22,709	510.0	29,580
Indiana	5,976	241.0	20,261
Louisiana	1,785	21.0	1,469
Maryland	2,122	90.0	8,960
Mississippi	4,003	36.0	2,321
Missouri	4,993	133.0	7,691
North Carolina	6,220	163.0	10,608
Oklahoma	5,307	72.0	5,005
South Carolina	7,405	131.0	7,878
Texas	38,824	666.0	56,610
Virginia	1,133	29.0	1,728
Total	152,307	3,921.0	328,550

Table 49.1
Wheat
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
Alabama	57,650	144.0	6,960
Arkansas	770,551	2,316.0	112,056
Delaware	53,497	246.0	12,789
Florida	6,108	18.0	722
Georgia	185,301	492.0	20,500
Illinois	581,084	1,908.0	97,143
Indiana	299,873	1,050.0	55,968
Iowa	18,317	48.0	2,280
Kentucky	318,856	1,080.0	54,060
Louisiana	148,926	528.0	26,400
Maryland	162,062	714.0	37,422
Michigan	433,783	1,968.0	108,339
Minnesota	1,920,238	3,732.0	248,690
Mississippi	151,317	540.0	24,354
Missouri	811,586	2,052.0	107,730
Nebraska	1,526,775	2,916.0	179,968
New Jersey	30,460	114.0	5,568
New York	115,680	444.0	24,128
North Carolina	446,438	1,212.0	60,480
North Dakota	7,909,124	12,996.0	864,828
Ohio	796,085	3,012.0	160,704
Oregon	837,251	2,040.0	135,565
Other States	23,003,428	43,944.0	2,655,270
Pennsylvania	172,137	600.0	33,467
South Carolina	155,776	420.0	17,927
South Dakota	1,596,086	2,532.0	170,162
Tennessee	279,978	828.0	40,020
Virginia	174,887	642.0	29,988
Washington	2,355,451	7,782.0	537,039
West Virginia	6,408	18.0	1,042
Wisconsin	194,863	648.0	31,809
Total	45,519,976	96,984.0	5,863,378

Table 50.1
Wild Rice
Production, Acreage and Value: 2002

State	Acres	Volume (million lbs.)	Value (\$ thousand)
California	13,871	18.0	27,700
Minnesota	23,488	5.4	7,700
Total	37,359	23.4	35,400

Table 1.2
Almonds
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>California</i>						
Azoxystrobin	18	125,356	0.15	18,803	134.00	2,519,662
Benomyl	3	20,893	0.52	10,864	30.00	325,926
Captan	7	48,750	1.87	91,162	5.75	524,181
Copper	21	146,249	4.40	643,496	2.50	1,608,739
Cyprodinil	31	215,891	0.18	38,860	70.00	2,720,232
Iprodione	35	243,748	0.48	116,999	49.00	5,732,962
Maneb	7	48,750	2.39	116,512	3.37	392,645
Myclobutanil	14	97,499	0.17	16,575	170.25	2,821,875
Sulfur	3	20,893	8.64	180,513	0.40	72,205
Thiophanate Methyl	5	34,821	0.57	19,848	21.45	425,741
Ziram	15	104,464	5.27	550,523	3.37	1,855,263

Table 2.2
Apples
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Arkansas</i>						
Benomyl	60	395	0.79	312	30.00	9,357
Captan	90	592	3.99	2,363	5.75	13,587
Copper	75	494	2.34	1,155	2.50	2,887
Mancozeb	60	395	4.34	1,713	3.46	5,928
Myclobutanil	80	526	0.18	95	170.25	16,132
Streptomycin	30	197	0.22	43	71.00	3,083
Sulfur	10	66	10.55	694	0.40	278
<i>California</i>						
Captan	2	765	2.05	1,569	5.75	9,022
Copper	18	6,888	2.15	14,810	2.50	37,024
Cyprodinil	5	1,913	0.19	364	70.00	25,448
Fenarimol	5	1,913	0.06	115	210.00	24,109
Fosetyl-AL	2	765	1.25	957	15.75	15,068
Kresoxim	5	1,913	0.13	249	203.00	50,495
Mancozeb	16	6,123	2.52	15,430	3.46	53,387
Myclobutanil	34	13,011	0.11	1,431	170.25	243,666
Streptomycin	28	10,715	0.24	2,572	71.00	182,584
Sulfur	20	7,654	8.79	67,275	0.40	26,910
Thiophanate Methyl	1	383	0.37	142	21.45	3,037
Trifloxystrobin	16	6,123	0.06	367	185.60	68,184
Triflumizole	3	1,148	0.18	207	105.00	21,698
Ziram	2	765	5.00	3,827	3.37	12,896

Table 2.2
Apples
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Connecticut</i>						
Captan	93	2,195	9.85	21,619	5.75	124,308
Copper	56	1,322	2.33	3,079	2.50	7,698
Cyprodinil	3	71	0.19	13	70.00	942
Fenarimol	34	802	0.13	104	210.00	21,906
Kresoxim	21	496	0.28	139	203.00	28,170
Mancozeb	76	1,794	5.66	10,152	3.46	35,125
Metiram	29	684	6.68	4,572	3.06	13,990
Myclobutanil	45	1,062	0.21	223	170.25	37,969
Sulfur	34	802	12.53	10,054	0.40	4,022
Thiophanate Methyl	60	1,416	0.93	1,317	21.45	28,247
Thiram	19	448	4.10	1,838	4.71	8,659
Trifloxystrobin	46	1,086	0.12	130	185.60	24,178
Ziram	11	260	2.82	732	3.37	2,467
<i>Georgia</i>						
Benomyl	84	1,089	0.73	795	30.00	23,860
Captan	95	1,232	8.44	10,399	5.75	59,796
Mancozeb	18	233	8.20	1,914	3.46	6,624
Metiram	81	1,051	13.43	14,109	3.06	43,174
Streptomycin	68	882	0.63	556	71.00	39,450
Sulfur	4	52	31.07	1,612	0.40	645
Thiophanate Methyl	29	376	2.78	1,046	21.45	22,429
<i>Idaho</i>						
Copper	15	512	1.50	768	2.50	1,920
Fenarimol	5	171	0.15	26	210.00	5,377
Mancozeb	5	171	4.80	819	3.46	2,835
Myclobutanil	27	922	0.19	175	170.25	29,817
Oxytetracycline	5	171	0.17	29	73.00	2,118
Streptomycin	7	239	0.31	74	71.00	5,260
Sulfur	30	1,024	15.00	15,363	0.40	6,145
Triadimefon	5	171	0.30	51	141.40	7,241
Trifloxystrobin	5	171	0.12	20	185.60	3,802
Triflumizole	5	171	0.45	77	105.00	8,066

Table 2.2
Apples
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Illinois</i>						
Benomyl	45	1,767	0.80	1,413	30.00	42,401
Captan	100	3,926	7.33	28,778	5.75	165,471
Dodine	10	393	1.39	546	17.86	9,746
Kresoxim	15	589	0.19	112	203.00	22,714
Mancozeb	45	1,767	4.00	7,067	3.46	24,451
Myclobutanil	70	2,748	0.30	824	170.25	140,364
Streptomycin	75	2,945	0.51	1,502	71.00	106,620
Thiophanate Methyl	35	1,374	0.75	1,031	21.45	22,106
Trifloxystrobin	20	785	0.09	71	185.60	13,116
Ziram	20	785	4.56	3,581	3.37	12,066
<i>Indiana</i>						
Benomyl	45	1,444	0.80	1,155	30.00	34,657
Captan	100	3,209	7.33	23,522	5.75	135,251
Dodine	10	321	1.39	446	17.86	7,966
Kresoxim	15	481	0.19	91	203.00	18,566
Mancozeb	45	1,444	4.00	5,776	3.46	19,986
Myclobutanil	70	2,246	0.30	674	170.25	114,730
Streptomycin	75	2,407	0.51	1,227	71.00	87,148
Thiophanate Methyl	35	1,123	0.75	842	21.45	18,069
Trifloxystrobin	20	642	0.09	58	185.60	10,721
Ziram	20	642	4.56	2,927	3.37	9,863
<i>Kansas</i>						
Benomyl	9	54	0.63	34	30.00	1,019
Captan	73	437	5.26	2,300	5.75	13,225
Ferbam	3	18	0.98	18	5.50	97
Mancozeb	45	270	6.15	1,658	3.46	5,736
Myclobutanil	66	395	0.16	63	170.25	10,769
Thiophanate Methyl	31	186	1.85	344	21.45	7,369

Table 2.2
Apples
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Kentucky</i>						
Captan	60	1,152	7.30	8,410	5.75	48,355
Dodine	2	38	2.00	77	17.86	1,372
Fenarimol	2	38	0.40	15	210.00	3,226
Kresoxim	2	38	0.25	10	203.00	1,949
Mancozeb	50	960	4.80	4,608	3.46	15,944
Myclobutanil	60	1,152	0.40	461	170.25	78,451
Streptomycin	60	1,152	1.60	1,843	71.00	130,867
Sulfur	2	38	17.00	653	0.40	261
Thiophanate Methyl	40	768	2.00	1,536	21.45	32,947
Triadimefon	2	38	0.40	15	141.40	2,172
Trifloxystrobin	2	38	0.25	10	185.60	1,782
Ziram	20	384	5.00	1,920	3.37	6,470
<i>Maine</i>						
Benomyl	5	195	0.50	97	30.00	2,918
Captan	90	3,502	16.00	56,030	5.75	322,175
Copper	30	1,167	6.00	7,004	2.50	17,510
Dodine	25	973	1.00	973	17.86	17,373
Fenarimol	10	389	0.40	156	210.00	32,684
Kresoxim	15	584	0.50	292	203.00	59,240
Mancozeb	20	778	3.00	2,335	3.46	8,078
Mefenoxam	1	39	1.00	39	189.00	7,354
Metiram	10	389	3.00	1,167	3.06	3,572
Myclobutanil	10	389	0.60	233	170.25	39,747
Sulfur	5	195	25.00	4,864	0.40	1,946
Thiophanate Methyl	20	778	0.54	420	21.45	9,014
Trifloxystrobin	15	584	0.25	146	185.60	27,081

Table 2.2
Apples
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Maryland</i>						
Captan	90	2,496	9.00	22,461	5.75	129,152
Copper	35	971	1.95	1,893	2.50	4,731
Cyprodinil	10	277	0.29	80	70.00	5,629
Dodine	5	139	1.95	270	17.86	4,829
Fenarimol	15	416	0.20	83	210.00	17,470
Kresoxim	5	139	0.25	35	203.00	7,036
Mancozeb	70	1,941	13.50	26,205	3.46	90,669
Metiram	25	693	14.40	9,983	3.06	30,547
Myclobutanil	30	832	0.30	250	170.25	42,489
Streptomycin	60	1,664	0.44	732	71.00	51,977
Sulfur	20	555	9.00	4,991	0.40	1,997
Thiophanate Methyl	40	1,109	0.70	776	21.45	16,655
Thiram	2	55	7.50	416	4.71	1,959
Trifloxystrobin	10	277	0.13	36	185.60	6,691
Triflumizole	5	139	0.25	35	105.00	3,640
Ziram	37	1,026	3.70	3,796	3.37	12,793
<i>Massachusetts</i>						
Captan	93	4,165	9.85	41,030	5.75	235,922
Copper	56	2,508	2.33	5,844	2.50	14,610
Cyprodinil	3	134	0.19	26	70.00	1,787
Fenarimol	34	1,523	0.13	198	210.00	41,574
Kresoxim	21	941	0.28	263	203.00	53,463
Mancozeb	76	3,404	5.66	19,267	3.46	66,663
Metiram	29	1,299	6.68	8,677	3.06	26,551
Myclobutanil	45	2,016	0.21	423	170.25	72,061
Streptomycin	36	1,612	0.26	419	71.00	29,766
Sulfur	34	1,523	12.53	19,081	0.40	7,633
Thiophanate Methyl	60	2,687	0.93	2,499	21.45	53,610
Thiram	19	851	4.10	3,489	4.71	16,434
Trifloxystrobin	46	2,060	0.12	247	185.60	45,888
Ziram	11	493	2.82	1,389	3.37	4,682

Table 2.2
Apples
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Michigan</i>						
Benomyl	21	10,613	0.31	3,290	30.00	98,703
Captan	91	45,990	9.34	429,551	5.75	2,469,919
Copper	59	29,818	2.15	64,109	2.50	160,272
Cyprodinil	12	6,065	0.19	1,152	70.00	80,660
Dodine	1	505	2.26	1,142	17.86	20,399
Fenarimol	13	6,570	0.16	1,051	210.00	220,754
Kresoxim	36	18,194	0.21	3,821	203.00	775,612
Mancozeb	67	33,861	10.32	349,447	3.46	1,209,086
Maneb	3	1,516	12.83	19,452	3.37	65,555
Metiram	19	9,602	8.41	80,756	3.06	247,114
Myclobutanil	43	21,732	0.30	6,520	170.25	1,109,950
Oxytetracycline	3	1,516	0.63	955	73.00	69,729
Streptomycin	42	21,226	0.42	8,915	71.00	632,971
Sulfur	44	22,237	11.80	262,398	0.40	104,959
Thiophanate Methyl	8	4,043	1.09	4,407	21.45	94,530
Thiram	10	5,054	4.53	22,894	4.71	107,832
Triadimefon	22	11,119	0.13	1,445	141.40	204,382
Trifloxystrobin	37	18,699	0.11	2,057	185.60	381,768
Ziram	31	15,667	8.60	134,737	3.37	454,064
<i>Missouri</i>						
Benomyl	18	688	0.19	131	30.00	3,920
Captan	100	3,821	1.77	6,763	5.75	38,888
Mancozeb	99	3,783	2.29	8,663	3.46	29,973
Myclobutanil	80	3,057	0.08	245	170.25	41,634
Streptomycin	100	3,821	0.77	2,942	71.00	208,894
Sulfur	62	2,369	8.00	18,952	0.40	7,581
Thiophanate Methyl	95	3,630	0.54	1,960	21.45	42,046

Table 2.2
Apples
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>New Hampshire</i>						
Captan	90	2,210	8.00	17,676	5.75	101,637
Copper	35	859	6.00	5,156	2.50	12,889
Dodine	10	246	1.00	246	17.86	4,385
Fenarimol	15	368	0.12	44	210.00	9,280
Kresoxim	10	246	0.21	52	203.00	10,466
Mancozeb	25	614	2.25	1,381	3.46	4,778
Metiram	15	368	2.14	788	3.06	2,411
Myclobutanil	15	368	0.20	74	170.25	12,539
Streptomycin	7	172	0.17	29	71.00	2,074
Sulfur	1	25	40.00	982	0.40	393
Thiophanate Methyl	75	1,841	0.20	368	21.45	7,899
Thiram	10	246	2.23	547	4.71	2,579
Trifloxystrobin	20	491	0.20	98	185.60	18,226
Ziram	10	246	6.08	1,493	3.37	5,030
<i>New Jersey</i>						
Benomyl	60	1,591	0.64	1,018	30.00	30,540
Captan	85	2,253	10.10	22,759	5.75	130,863
Copper	25	663	2.00	1,326	2.50	3,314
Cyprodinil	3	80	0.21	17	70.00	1,169
Dodine	15	398	1.34	533	17.86	9,517
Fenarimol	16	424	0.20	85	210.00	17,815
Kresoxim	25	663	0.63	418	203.00	84,759
Mancozeb	33	875	12.10	10,585	3.46	36,626
Metiram	7	186	10.20	1,893	3.06	5,792
Myclobutanil	15	398	0.47	187	170.25	31,819
Streptomycin	10	265	0.48	127	71.00	9,035
Sulfur	25	663	18.00	11,930	0.40	4,772
Thiophanate Methyl	5	133	2.30	305	21.45	6,539
Triadimefon	3	80	0.24	19	141.40	2,699
Trifloxystrobin	15	398	0.23	91	185.60	16,975
Triflumizole	2	53	0.75	40	105.00	4,175
Ziram	32	848	10.62	9,009	3.37	30,361

Table 2.2
Apples
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>New York</i>						
Benomyl	29	15,438	0.42	6,484	30.00	194,513
Captan	93	49,507	9.85	487,641	5.75	2,803,935
Copper	56	29,810	2.33	69,458	2.50	173,646
Cyprodinil	3	1,597	0.19	303	70.00	21,240
Dodine	7	3,726	1.65	6,148	17.86	109,811
Fenarimol	34	18,099	0.13	2,353	210.00	494,109
Kresoxim	21	11,179	0.28	3,130	203.00	635,410
Mancozeb	82	43,651	8.46	369,288	3.46	1,277,736
Metiram	29	15,438	6.68	103,123	3.06	315,556
Myclobutanil	45	23,955	0.21	5,031	170.25	856,446
Oxytetracycline	3	1,597	0.63	1,006	73.00	73,446
Streptomycin	36	19,164	0.26	4,983	71.00	353,765
Sulfur	34	18,099	12.53	226,783	0.40	90,713
Thiophanate Methyl	60	31,940	0.93	29,704	21.45	637,151
Thiram	19	10,114	4.10	41,469	4.71	195,317
Triadimefon	5	2,662	0.18	479	141.40	67,744
Trifloxystrobin	46	24,487	0.12	2,938	185.60	545,378
Triflumizole	8	4,259	0.40	1,703	105.00	178,863
Ziram	11	5,856	2.82	16,513	3.37	55,648

Table 2.2
Apples
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>North Carolina</i>						
Benomyl	18	1,537	0.55	845	30.00	25,358
Captan	78	6,660	13.84	92,169	5.75	529,974
Copper	43	3,671	2.21	8,114	2.50	20,284
Cyprodinil	33	2,818	0.28	789	70.00	55,224
Dodine	21	1,793	1.53	2,743	17.86	48,995
Fenarimol	16	1,366	0.19	260	210.00	54,507
Fosetyl-AL	7	598	1.34	801	15.75	12,614
Kresoxim	45	3,842	0.48	1,844	203.00	374,374
Mancozeb	46	3,927	11.70	45,952	3.46	158,992
Metiram	49	4,184	10.94	45,769	3.06	140,053
Myclobutanil	47	4,013	0.41	1,645	170.25	280,108
Streptomycin	36	3,074	0.49	1,506	71.00	106,933
Sulfur	20	1,708	19.49	33,281	0.40	13,312
Thiophanate Methyl	73	6,233	3.12	19,446	21.45	417,120
Thiram	10	854	3.96	3,381	4.71	15,925
Trifloxystrobin	17	1,451	0.14	203	185.60	37,715
Ziram	39	3,330	11.17	37,194	3.37	125,344
<i>Ohio</i>						
Captan	80	6,788	12.00	81,456	5.75	468,372
Copper	10	849	2.00	1,697	2.50	4,243
Dodine	10	849	2.00	1,697	17.86	30,308
Fenarimol	50	4,243	0.60	2,546	210.00	534,555
Fosetyl-AL	5	424	1.90	806	15.75	12,696
Kresoxim	20	1,697	0.20	339	203.00	68,898
Mancozeb	20	1,697	2.50	4,243	3.46	14,679
Metiram	90	7,637	5.00	38,183	3.06	116,838
Myclobutanil	50	4,243	0.15	636	170.25	108,343
Streptomycin	20	1,697	0.50	849	71.00	60,244
Thiophanate Methyl	70	5,940	2.00	11,879	21.45	254,805
Trifloxystrobin	30	2,546	0.10	255	185.60	47,244
Ziram	90	7,637	12.00	91,638	3.37	308,820

Table 2.2
Apples
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Oregon</i>						
Benomyl	7	507	0.51	258	30.00	7,751
Captan	20	1,447	1.44	2,084	5.75	11,984
Copper	24	1,737	4.07	7,069	2.50	17,673
Cyprodinil	16	1,158	0.25	289	70.00	20,264
Dodine	18	1,303	1.78	2,319	17.86	41,413
Fenarimol	12	868	0.14	122	210.00	25,532
Fosetyl-AL	6	434	1.88	816	15.75	12,857
Kresoxim	9	651	0.24	156	203.00	31,733
Mancozeb	24	1,737	5.91	10,265	3.46	35,517
Metiram	5	362	4.91	1,777	3.06	5,437
Myclobutanil	57	4,125	0.20	825	170.25	140,459
Oxytetracycline	16	1,158	0.26	301	73.00	21,977
Streptomycin	37	2,678	0.29	777	71.00	55,134
Sulfur	28	2,026	13.01	26,363	0.40	10,545
Thiram	9	651	4.19	2,729	4.71	12,854
Triadimefon	20	1,447	0.27	391	141.40	55,259
Trifloxystrobin	4	289	0.08	23	185.60	4,298
Triflumizole	30	2,171	0.30	651	105.00	68,390
Ziram	3	217	11.35	2,464	3.37	8,304

Table 2.2
Apples
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Pennsylvania</i>						
Benomyl	11	3,092	0.22	680	30.00	20,408
Captan	67	18,834	4.20	79,102	5.75	454,834
Copper	35	9,839	1.95	19,185	2.50	47,963
Cyprodinil	15	4,217	0.21	885	70.00	61,983
Dodine	3	843	0.53	447	17.86	7,983
Fenarimol	12	3,373	0.12	405	210.00	85,005
Kresoxim	18	5,060	0.15	759	203.00	154,071
Mancozeb	45	12,650	4.02	50,851	3.46	175,944
Metiram	38	10,682	3.91	41,766	3.06	127,803
Myclobutanil	53	14,898	0.18	2,682	170.25	456,558
Oxytetracycline	3	843	0.63	531	73.00	38,783
Streptomycin	15	4,217	0.15	632	71.00	44,906
Sulfur	11	3,092	6.88	21,274	0.40	8,509
Thiophanate Methyl	53	14,898	0.94	14,004	21.45	300,394
Thiram	26	7,309	4.75	34,716	4.71	163,512
Trifloxystrobin	15	4,217	0.06	253	185.60	46,955
Triflumizole	17	4,779	0.38	1,816	105.00	190,670
Ziram	37	10,401	3.70	38,483	3.37	129,686

Table 2.2
Apples
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Rhode Island</i>						
Benomyl	64	196	0.33	65	30.00	1,945
Captan	100	307	5.01	1,538	5.75	8,844
Copper	9	28	5.50	152	2.50	380
Cyprodinil	3	9	0.08	1	70.00	52
Dodine	97	298	1.94	578	17.86	10,318
Fenarimol	64	196	0.11	22	210.00	4,539
Kresoxim	17	52	0.15	8	203.00	1,589
Mancozeb	39	120	2.33	279	3.46	965
Metiram	93	286	10.69	3,052	3.06	9,339
Myclobutanil	8	25	0.60	15	170.25	2,509
Thiophanate Methyl	71	218	0.87	190	21.45	4,068
Trifloxystrobin	3	9	0.11	1	185.60	188
Triflumizole	2	6	0.16	1	105.00	103
Ziram	21	64	2.74	177	3.37	595
<i>South Carolina</i>						
Benomyl	9	259	1.08	280	30.00	8,398
Captan	97	2,794	21.29	59,476	5.75	341,986
Copper	5	144	2.09	301	2.50	752
Mancozeb	31	893	14.17	12,651	3.46	43,772
Metiram	65	1,872	7.92	14,826	3.06	45,368
Streptomycin	8	230	0.23	53	71.00	3,762
Thiophanate Methyl	29	835	2.78	2,322	21.45	49,804
Ziram	6	173	6.38	1,102	3.37	3,715

Table 2.2
Apples
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Tennessee</i>						
Benomyl	30	488	1.20	586	30.00	17,572
Captan	100	1,627	8.00	13,016	5.75	74,842
Copper	30	488	2.00	976	2.50	2,441
Dodine	5	81	2.00	163	17.86	2,906
Fenarimol	40	651	0.10	65	210.00	13,667
Kresoxim	20	325	0.22	72	203.00	14,532
Mancozeb	60	976	4.80	4,686	3.46	16,213
Myclobutanil	40	651	0.40	260	170.25	44,319
Streptomycin	60	976	1.60	1,562	71.00	110,896
Thiophanate Methyl	70	1,139	1.20	1,367	21.45	29,315
Ziram	60	976	6.00	5,857	3.37	19,739
<i>Vermont</i>						
Captan	90	3,076	16.00	49,219	5.75	283,010
Copper	30	1,025	6.00	6,152	2.50	15,381
Dodine	10	342	1.00	342	17.86	6,105
Fenarimol	10	342	0.40	137	210.00	28,711
Kresoxim	15	513	0.50	256	203.00	52,039
Mancozeb	20	684	3.00	2,051	3.46	7,096
Metiram	10	342	3.00	1,025	3.06	3,138
Myclobutanil	15	513	0.20	103	170.25	17,457
Sulfur	1	34	40.00	1,367	0.40	547
Thiophanate Methyl	20	684	0.54	369	21.45	7,918
Trifloxystrobin	15	513	0.25	128	185.60	23,789

Table 2.2
Apples
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Virginia</i>						
Benomyl	1	193	0.25	48	30.00	1,450
Captan	90	17,398	9.00	156,581	5.75	900,341
Copper	75	14,498	2.00	28,997	2.50	72,491
Cyprodinil	10	1,933	0.29	561	70.00	39,242
Dodine	5	967	1.95	1,885	17.86	33,662
Fenarimol	15	2,900	0.20	580	210.00	121,785
Kresoxim	5	967	0.25	242	203.00	49,052
Mancozeb	70	13,532	13.50	182,678	3.46	632,066
Metiram	25	4,833	14.40	69,592	3.06	212,950
Myclobutanil	30	5,799	0.30	1,740	170.25	296,199
Streptomycin	60	11,599	0.44	5,103	71.00	362,340
Sulfur	20	3,866	9.00	34,796	0.40	13,918
Thiophanate Methyl	40	7,732	0.70	5,413	21.45	116,102
Thiram	2	387	7.50	2,900	4.71	13,657
Trifloxystrobin	10	1,933	0.13	251	185.60	46,642
Triflumizole	5	967	0.25	242	105.00	25,372
Ziram	80	15,465	3.70	57,220	3.37	192,831

Table 2.2
Apples
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Washington</i>						
Captan	1	1,728	3.04	5,253	5.75	30,207
Copper	13	22,465	1.50	33,698	2.50	84,245
Dodine	1	1,728	0.54	933	17.86	16,666
Fenarimol	27	46,659	0.08	3,733	210.00	783,866
Fosetyl-AL	6	10,369	1.88	19,493	15.75	307,014
Kresoxim	14	24,193	0.17	4,113	203.00	834,914
Mancozeb	13	22,465	5.07	113,899	3.46	394,091
Mefenoxam	4	6,912	0.76	5,253	189.00	992,897
Myclobutanil	48	82,949	0.19	15,760	170.25	2,683,186
Oxytetracycline	17	29,378	0.22	6,463	73.00	471,806
Streptomycin	3	5,184	0.34	1,763	71.00	125,149
Sulfur	62	107,142	13.16	1,409,991	0.40	563,997
Thiram	4	6,912	3.45	23,848	4.71	112,323
Triadimefon	6	10,369	0.18	1,866	141.40	263,902
Trifloxystrobin	9	15,553	0.07	1,089	185.60	202,063
Triflumizole	37	63,940	0.33	21,100	105.00	2,215,511
Ziram	3	5,184	4.10	21,256	3.37	71,631
<i>West Virginia</i>						
Captan	50	3,731	6.00	22,383	5.75	128,702
Copper	40	2,984	3.00	8,953	2.50	22,383
Dodine	5	373	0.98	366	17.86	6,529
Fenarimol	20	1,492	0.11	164	210.00	34,470
Kresoxim	5	373	0.25	93	203.00	18,932
Mancozeb	50	3,731	15.75	58,755	3.46	203,294
Metiram	20	1,492	16.80	25,069	3.06	76,711
Myclobutanil	20	1,492	0.25	373	170.25	63,512
Streptomycin	40	2,984	0.61	1,820	71.00	129,254
Sulfur	50	3,731	36.00	134,298	0.40	53,719
Thiophanate Methyl	30	2,238	1.40	3,134	21.45	67,216
Triadimefon	5	373	0.25	93	141.40	13,187
Ziram	70	5,223	3.70	19,324	3.37	65,122

Table 2.2
Apples
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Wisconsin</i>						
Captan	90	6,115	24.00	146,750	5.75	843,815
Copper	20	1,359	2.80	3,805	2.50	9,512
Cyprodinil	3	204	0.38	77	70.00	5,422
Dodine	5	340	2.00	679	17.86	12,134
Fenarimol	15	1,019	0.25	255	210.00	53,503
Kresoxim	10	679	0.38	258	203.00	52,409
Mancozeb	20	1,359	18.00	24,458	3.46	84,626
Mefenoxam	3	204	2.00	408	189.00	77,044
Metiram	20	1,359	19.00	25,817	3.06	79,001
Myclobutanil	70	4,756	0.80	3,805	170.25	647,740
Streptomycin	70	4,756	0.70	3,329	71.00	236,363
Sulfur	5	340	24.00	8,153	0.40	3,261
Thiophanate Methyl	15	1,019	1.40	1,427	21.45	30,604
Trifloxystrobin	10	679	0.19	129	185.60	23,958

Table 3.2
Artichokes
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>California</i>						
Myclobutanil	81	6,257	0.18	1,126	170.25	191,753

Table 4.2
Asparagus
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>California</i>						
Mancozeb	1	342	1.22	418	3.46	1,446
Mefenoxam	3	1,027	0.55	565	189.00	106,806
Myclobutanil	4	1,370	0.12	164	170.25	27,988
<i>Michigan</i>						
Chlorothalonil	66	10,664	4.10	43,721	7.00	306,046
Mancozeb	36	5,817	3.36	19,544	3.46	67,621
Tebuconazole	50	8,079	0.30	2,424	94.10	228,056
<i>Washington</i>						
Mancozeb	37	6,744	2.19	14,769	3.46	51,099

Table 5.2
Bananas
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Hawaii</i>						
Azoxystrobin	15	277	0.81	224	134.00	30,022
Fenbuconazole	60	1,106	0.54	597	96.30	57,535
Mancozeb	60	1,106	12.00	13,277	3.46	45,938
Tebuconazole	15	277	0.60	166	94.10	15,617

Table 6.2
Barley
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>California</i>						
Propiconazole	1	747	0.19	142	96.60	13,714
<i>Idaho</i>						
Propiconazole	1	6,345	0.10	634	96.60	61,290
Tebuconazole	6	38,069	0.07	2,665	94.10	250,758
<i>Minnesota</i>						
Propiconazole	19	26,550	0.07	1,859	96.60	179,534
Pyraclostrobin	5	6,987	0.05	349	59.00	20,612
Tebuconazole	14	19,563	0.11	2,152	94.10	202,501
<i>Montana</i>						
Propiconazole	2	18,043	0.13	2,346	96.60	226,587
<i>North Dakota</i>						
Propiconazole	5	65,186	0.08	5,215	96.60	503,759
Tebuconazole	6	78,223	0.07	5,476	94.10	515,257
<i>Oregon</i>						
Tebuconazole	6	3,787	0.07	265	94.10	24,945
<i>Washington</i>						
Tebuconazole	6	20,249	0.07	1,417	94.10	133,380

Table 7.2
Blueberries
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Florida</i>						
Benomyl	50	823	1.25	1,029	30.00	30,863
Captan	70	1,152	5.17	5,957	5.75	34,252
Triforine	70	1,152	0.65	749	65.72	49,220
<i>Georgia</i>						
Benomyl	42	1,869	0.95	1,776	30.00	53,278
Captan	74	3,294	5.07	16,699	5.75	96,021
Fenbuconazole	57	2,537	0.14	355	96.30	34,205
Iprodione	13	579	0.45	260	49.00	12,759
Triforine	26	1,157	0.37	428	65.72	28,140
<i>Maine</i>						
Benomyl	1	233	0.50	116	30.00	3,494
Chlorothalonil	3	699	3.00	2,096	7.00	14,675
Propiconazole	45	10,482	0.30	3,145	96.60	303,764
Triforine	8	1,863	1.20	2,236	65.72	146,958
<i>Michigan</i>						
Azoxystrobin	6	1,039	0.28	291	134.00	38,984
Benomyl	8	1,385	0.82	1,136	30.00	34,080
Captan	60	10,390	6.27	65,147	5.75	374,593
Chlorothalonil	26	4,502	3.35	15,083	7.00	105,582
Fenbuconazole	33	5,715	0.14	800	96.30	77,044
Fosetyl-AL	7	1,212	7.50	9,091	15.75	143,190
Pyraclostrobin	16	2,771	0.27	748	59.00	44,138
Thiophanate Methyl	42	7,273	1.23	8,946	21.45	191,891
Triforine	47	8,139	0.38	3,093	65.72	203,260
Ziram	50	8,659	5.93	51,345	3.37	173,032

Table 7.2
Blueberries
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>New Jersey</i>						
Azoxystrobin	28	2,091	0.28	585	134.00	78,456
Benomyl	16	1,195	0.76	908	30.00	27,243
Captan	66	4,929	6.12	30,165	5.75	173,447
Cyprodinil	15	1,120	0.29	325	70.00	22,740
Fenbuconazole	14	1,046	0.13	136	96.30	13,089
Fludioxonil	15	1,120	0.19	213	38.35	8,162
Triforine	14	1,046	0.45	470	65.72	30,920
Ziram	69	5,153	4.06	20,921	3.37	70,503
<i>North Carolina</i>						
Benomyl	17	852	0.50	426	30.00	12,773
Captan	39	1,954	2.23	4,356	5.75	25,049
Fenbuconazole	80	4,007	0.22	882	96.30	84,897
Triforine	53	2,655	0.58	1,540	65.72	101,193
Ziram	5	250	7.75	1,941	3.37	6,541
<i>Oregon</i>						
Benomyl	13	505	0.78	394	30.00	11,824
Captan	55	2,138	3.69	7,889	5.75	45,360
Copper	14	544	3.23	1,758	2.50	4,394
Fenbuconazole	28	1,088	0.14	152	96.30	14,673
Fenhexamid	14	544	0.79	430	62.00	26,654
Iprodione	52	2,021	1.17	2,365	49.00	115,878
Mefenoxam	8	311	0.56	174	189.00	32,912
Sulfur	15	583	60.21	35,105	0.40	14,042
Triforine	19	739	0.38	281	65.72	18,444
Ziram	29	1,127	3.49	3,934	3.37	13,258

Table 7.2
Blueberries
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Washington</i>						
Benomyl	30	771	1.00	771	30.00	23,121
Captan	50	1,285	3.50	4,496	5.75	25,851
Chlorothalonil	12	308	3.00	925	7.00	6,474
Copper	15	385	5.00	1,927	2.50	4,817
Fosetyl-AL	5	128	5.00	642	15.75	10,115
Mefenoxam	2	51	0.50	26	189.00	4,855
Propiconazole	55	1,413	0.70	989	96.60	95,544
Triforine	5	128	0.40	51	65.72	3,377
Ziram	30	771	2.25	1,734	3.37	5,844

Table 8.2
Cabbage
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Arizona</i>						
Chlorothalonil	100	3,000	4.00	12,000	7.00	84,000
Fosetyl-AL	46	1,380	2.93	4,043	15.75	63,684
Mefenoxam	90	2,700	0.40	1,080	189.00	204,120
<i>California</i>						
Chlorothalonil	23	2,875	1.42	4,083	7.00	28,578
Copper	6	750	0.70	525	2.50	1,313
Fosetyl-AL	1	125	2.92	365	15.75	5,749
Maneb	20	2,500	1.85	4,625	3.37	15,586
Mefenoxam	7	875	0.08	70	189.00	13,230
PCNB	2	250	4.63	1,158	7.28	8,427
<i>Colorado</i>						
Chlorothalonil	50	1,300	2.24	2,912	7.00	20,384
Copper	10	260	1.30	338	2.50	845
Maneb	10	260	2.80	728	3.37	2,453
Mefenoxam	20	520	0.20	104	189.00	19,656
<i>Florida</i>						
Chlorothalonil	54	4,320	5.18	22,378	7.00	156,643
Copper	19	1,520	2.07	3,146	2.50	7,866
Maneb	12	960	2.86	2,746	3.37	9,253
Mefenoxam	10	800	0.26	208	189.00	39,312
<i>Georgia</i>						
Chlorothalonil	91	7,280	5.84	42,515	7.00	297,606
Mancozeb	7	560	3.11	1,742	3.46	6,026
Maneb	68	5,440	6.23	33,891	3.37	114,213
Mefenoxam	50	4,000	0.20	800	189.00	151,200
<i>Illinois</i>						
Chlorothalonil	50	390	3.00	1,170	7.00	8,190
Copper	50	390	4.00	1,560	2.50	3,900
Maneb	50	390	3.60	1,404	3.37	4,731
<i>Michigan</i>						
Chlorothalonil	35	630	2.62	1,651	7.00	11,554
Copper	27	486	1.36	661	2.50	1,652

Table 8.2
Cabbage
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>New Jersey</i>						
Chlorothalonil	43	688	2.54	1,748	7.00	12,233
Fosetyl-AL	2	32	2.50	80	15.75	1,260
Maneb	50	800	5.60	4,480	3.37	15,098
Mefenoxam	20	320	0.20	64	189.00	12,096
PCNB	5	80	3.00	240	7.28	1,747
<i>New York</i>						
Chlorothalonil	36	5,184	1.69	8,761	7.00	61,327
Copper	4	576	1.98	1,140	2.50	2,851
Mefenoxam	4	576	1.00	576	189.00	108,864
PCNB	5	720	3.00	2,160	7.28	15,725
<i>North Carolina</i>						
Chlorothalonil	9	810	4.30	3,483	7.00	24,381
Copper	1	90	0.50	45	2.50	113
PCNB	1	90	3.00	270	7.28	1,966
<i>Ohio</i>						
Chlorothalonil	39	624	4.34	2,708	7.00	18,957
<i>Pennsylvania</i>						
Azoxystrobin	3	54	0.26	14	134.00	1,881
Chlorothalonil	44	792	2.73	2,162	7.00	15,135
Copper	1	18	2.01	36	2.50	90
Fosetyl-AL	2	36	6.40	230	15.75	3,629
Mancozeb	5	90	2.40	216	3.46	747
Maneb	5	90	4.80	432	3.37	1,456
Mefenoxam	4	72	1.00	72	189.00	13,608
<i>Texas</i>						
Azoxystrobin	41	3,567	0.22	785	134.00	105,155
Chlorothalonil	27	2,349	1.75	4,111	7.00	28,775
Mancozeb	30	2,610	2.33	6,081	3.46	21,041
Maneb	37	3,219	1.40	4,507	3.37	15,187
Mefenoxam	30	2,610	0.41	1,070	189.00	202,249

Table 8.2
Cabbage
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Virginia</i>						
Chlorothalonil	50	700	3.34	2,338	7.00	16,366
Copper	60	840	4.00	3,360	2.50	8,400
Fosetyl-AL	20	280	4.80	1,344	15.75	21,168
Maneb	50	700	4.50	3,150	3.37	10,616
Mefenoxam	50	700	0.10	70	189.00	13,230
PCNB	10	140	3.00	420	7.28	3,058
<i>Wisconsin</i>						
Chlorothalonil	15	1,215	3.00	3,645	7.00	25,515
Maneb	1	81	4.00	324	3.37	1,092
Mefenoxam	5	405	0.12	49	189.00	9,185

Table 9.2
Cantaloupes
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Arizona</i>						
Maneb	10	1,480	1.30	1,924	3.37	6,483
Mefenoxam	30	4,440	0.41	1,820	189.00	344,032
Myclobutanil	4	592	0.12	71	170.25	12,094
Sulfur	19	2,812	16.56	46,564	0.40	18,625
Thiophanate Methyl	28	4,144	0.34	1,409	21.45	30,220
Trifloxystrobin	44	6,512	0.06	391	185.60	72,513
<i>California</i>						
Benomyl	3	1,582	0.35	554	30.00	16,609
Maneb	2	1,055	1.14	1,202	3.37	4,051
Mefenoxam	15	7,909	0.08	633	189.00	119,585
Myclobutanil	2	1,055	0.13	137	170.25	23,340
Sulfur	19	10,018	16.56	165,900	0.40	66,360
Thiophanate Methyl	5	2,636	0.45	1,186	21.45	25,447
Triadimefon	2	1,055	0.13	137	141.40	19,385
Trifloxystrobin	9	4,745	0.07	332	185.60	61,653
<i>Colorado</i>						
Chlorothalonil	20	291	1.61	468	7.00	3,275
Copper	5	73	1.00	73	2.50	182
<i>Delaware</i>						
Azoxystrobin	75	134	0.59	79	134.00	10,614
Benomyl	20	36	0.50	18	30.00	537
Chlorothalonil	75	134	6.00	806	7.00	5,639
Mancozeb	10	18	9.60	172	3.46	595
Mefenoxam	15	27	1.00	27	189.00	5,075
<i>Georgia</i>						
Azoxystrobin	9	478	0.54	258	134.00	34,587
Benomyl	66	3,505	0.34	1,192	30.00	35,754
Chlorothalonil	82	4,355	3.82	16,636	7.00	116,453
Mancozeb	13	690	3.91	2,700	3.46	9,341
Maneb	4	212	1.58	336	3.37	1,131
Mefenoxam	30	1,593	0.20	319	189.00	60,227

Table 9.2
Cantaloupes
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Indiana</i>						
Chlorothalonil	75	1,658	5.96	9,883	7.00	69,182
Copper	20	442	0.24	106	2.50	265
Mancozeb	60	1,327	6.05	8,026	3.46	27,770
Mefenoxam	1	22	0.94	21	189.00	3,928
Thiophanate Methyl	15	332	0.84	279	21.45	5,976
<i>Maryland</i>						
Azoxystrobin	75	513	0.59	303	134.00	40,558
Benomyl	20	137	0.50	68	30.00	2,052
Chlorothalonil	75	513	6.00	3,078	7.00	21,546
Mancozeb	10	68	9.60	657	3.46	2,272
Mefenoxam	15	103	1.00	103	189.00	19,391
<i>Michigan</i>						
Chlorothalonil	72	554	5.66	3,138	7.00	21,965
Mancozeb	8	62	4.81	296	3.46	1,025
<i>Pennsylvania</i>						
Azoxystrobin	21	213	0.37	79	134.00	10,558
Benomyl	7	71	0.81	57	30.00	1,725
Chlorothalonil	84	852	4.22	3,594	7.00	25,161
Copper	3	30	2.40	73	2.50	183
Mancozeb	10	101	4.00	406	3.46	1,403
Mefenoxam	15	152	1.00	152	189.00	28,747
Myclobutanil	4	41	0.11	4	170.25	760
<i>Texas</i>						
Azoxystrobin	50	5,042	0.25	1,261	134.00	168,907
Benomyl	10	1,008	0.40	403	30.00	12,101
Chlorothalonil	39	3,933	1.96	7,708	7.00	53,957
Mancozeb	14	1,412	1.95	2,753	3.46	9,525
Maneb	14	1,412	1.84	2,598	3.37	8,754
Mefenoxam	18	1,815	0.23	417	189.00	78,903
Myclobutanil	15	1,513	0.11	166	170.25	28,327
Thiophanate Methyl	28	2,824	0.30	847	21.45	18,169

Table 9.2
Cantaloupes
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Virginia</i>						
Azoxystrobin	60	459	1.00	459	134.00	61,506
Chlorothalonil	60	459	7.50	3,443	7.00	24,098
Mancozeb	40	306	6.00	1,836	3.46	6,353
Mefenoxam	50	383	0.15	57	189.00	10,844
Myclobutanil	30	230	0.30	69	170.25	11,722
Pyraclostrobin	10	77	0.45	34	59.00	2,031
Thiophanate Methyl	20	153	1.40	214	21.45	4,595
Trifloxystrobin	10	77	0.25	19	185.60	3,550
Triflumizole	10	77	0.75	57	105.00	6,024

Table 10.2
Carrots
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>California</i>						
Azoxystrobin	12	8,236	0.28	2,306	134.00	309,022
Chlorothalonil	17	11,668	1.91	22,286	7.00	156,000
Copper	14	9,609	2.27	21,812	2.50	54,531
Iprodione	26	17,845	1.12	19,987	49.00	979,339
Mefenoxam	38	26,081	0.69	17,996	189.00	3,401,262
Sulfur	16	10,982	19.38	212,823	0.40	85,129
<i>Colorado</i>						
Azoxystrobin	5	144	0.24	35	134.00	4,626
Chlorothalonil	20	575	3.00	1,726	7.00	12,083
Copper	25	719	2.40	1,726	2.50	4,316
Iprodione	64	1,841	0.75	1,381	49.00	67,667
Mefenoxam	3	86	0.25	22	189.00	4,078
<i>Michigan</i>						
Azoxystrobin	40	2,419	0.22	532	134.00	71,306
Chlorothalonil	84	5,079	3.94	20,013	7.00	140,092
Copper	40	2,419	3.60	8,708	2.50	21,769
<i>Texas</i>						
Chlorothalonil	35	1,190	3.74	4,449	7.00	31,145
Copper	25	850	2.40	2,039	2.50	5,099
Iprodione	1	34	0.90	31	49.00	1,499
Pyraclostrobin	10	340	0.30	102	59.00	6,016
Sulfur	1	34	25.00	850	0.40	340
<i>Washington</i>						
Chlorothalonil	20	2,086	3.00	6,257	7.00	43,798
Copper	25	2,607	2.40	6,257	2.50	15,642
Iprodione	20	2,086	0.90	1,877	49.00	91,975
Sulfur	16	1,668	19.38	32,335	0.40	12,934
<i>Wisconsin</i>						
Azoxystrobin	4	187	0.29	54	134.00	7,265
Chlorothalonil	100	4,674	7.50	35,055	7.00	245,385
Copper	5	234	4.00	935	2.50	2,337
Pyraclostrobin	10	467	0.30	140	59.00	8,273

Table 11.2
Celery
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>California</i>						
Azoxystrobin	3	687	0.21	144	134.00	19,336
Benomyl	11	2,519	0.34	857	30.00	25,698
Chlorothalonil	70	16,033	3.31	53,069	7.00	371,480
Copper	51	11,681	1.68	19,624	2.50	49,060
DCNA	49	11,223	3.94	44,218	14.00	619,058
Propiconazole	67	15,346	0.16	2,455	96.60	237,183
<i>Florida</i>						
Chlorothalonil	100	4,115	20.00	82,300	7.00	576,100
Copper	33	1,358	4.00	5,432	2.50	13,580
Propiconazole	25	1,029	0.20	206	96.60	19,875
<i>Michigan</i>						
Chlorothalonil	99	2,210	4.57	10,098	7.00	70,688
Copper	81	1,808	2.44	4,411	2.50	11,028
Propiconazole	26	580	0.29	168	96.60	16,257

Table 12.2
Cherries
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>California</i>						
Azoxystrobin	2	530	0.26	138	134.00	18,470
Captan	2	530	2.22	1,177	5.75	6,767
Chlorothalonil	1	265	2.96	785	7.00	5,492
Copper	43	11,398	10.92	124,466	2.50	311,166
Fenarimol	2	530	0.06	32	210.00	6,680
Fenbuconazole	1	265	0.09	24	96.30	2,297
Fenhexamid	3	795	0.62	493	62.00	30,568
Iprodione	36	9,543	0.75	7,157	49.00	350,688
Myclobutanil	26	6,892	0.16	1,103	170.25	187,733
Propiconazole	9	2,386	0.12	286	96.60	27,654
Pyraclostrobin	12	3,181	0.16	509	59.00	30,027
Sulfur	17	4,506	19.32	87,060	0.40	34,824
Tebuconazole	17	4,506	0.25	1,127	94.10	106,008
Thiophanate Methyl	1	265	0.85	225	21.45	4,833
Ziram	1	265	5.11	1,355	3.37	4,565
<i>Michigan</i>						
Benomyl	7	3,113	0.56	1,743	30.00	52,294
Captan	25	11,117	3.51	39,021	5.75	224,369
Chlorothalonil	91	40,466	4.02	162,673	7.00	1,138,710
Copper	6	2,668	3.14	8,378	2.50	20,944
Dodine	16	7,115	1.71	12,166	17.86	217,293
Fenarimol	3	1,334	0.08	107	210.00	22,412
Fenbuconazole	48	21,345	0.21	4,482	96.30	431,653
Ferbam	8	3,557	4.71	16,756	5.50	92,155
Iprodione	2	889	0.90	800	49.00	39,221
Myclobutanil	26	11,562	0.14	1,619	170.25	275,573
Propiconazole	7	3,113	0.13	405	96.60	39,090
Sulfur	88	39,132	19.14	748,983	0.40	299,593
Tebuconazole	60	26,681	0.37	9,872	94.10	928,945
Thiophanate Methyl	5	2,223	1.02	2,268	21.45	48,646
Ziram	9	4,002	5.37	21,491	3.37	72,426

Table 12.2
Cherries
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>New York</i>						
Captan	73	2,659	5.88	15,637	5.75	89,914
Chlorothalonil	89	3,242	3.82	12,385	7.00	86,698
Fenbuconazole	82	2,987	0.20	597	96.30	57,535
Iprodione	22	801	0.64	513	49.00	25,134
Sulfur	75	2,732	12.87	35,164	0.40	14,066
<i>Oregon</i>						
Azoxystrobin	4	637	0.51	325	134.00	43,565
Benomyl	8	1,275	0.68	867	30.00	26,009
Captan	6	956	2.06	1,970	5.75	11,326
Chlorothalonil	9	1,434	2.29	3,285	7.00	22,992
Copper	22	3,506	2.27	7,959	2.50	19,897
Fenbuconazole	17	2,709	0.14	379	96.30	36,527
Iprodione	7	1,116	0.69	770	49.00	37,718
Myclobutanil	28	4,462	0.14	625	170.25	106,360
Propiconazole	41	6,534	0.17	1,111	96.60	107,304
Sulfur	29	4,622	10.85	50,146	0.40	20,058
Tebuconazole	25	3,984	0.29	1,155	94.10	108,726
Ziram	3	478	3.95	1,889	3.37	6,364
<i>Pennsylvania</i>						
Benomyl	2	30	0.64	19	30.00	571
Captan	57	848	5.06	4,292	5.75	24,677
Chlorothalonil	4	60	3.85	229	7.00	1,604
Ferbam	2	30	6.02	179	5.50	985
Iprodione	1	15	0.76	11	49.00	554
Myclobutanil	77	1,146	0.10	115	170.25	19,507
Propiconazole	3	45	0.17	8	96.60	733
Sulfur	50	744	10.99	8,177	0.40	3,271
Thiophanate Methyl	30	446	1.10	491	21.45	10,533

Table 12.2
Cherries
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Washington</i>						
Azoxystrobin	7	2,586	0.23	595	134.00	79,707
Benomyl	3	1,108	0.81	898	30.00	26,934
Chlorothalonil	9	3,325	2.29	7,615	7.00	53,302
Copper	55	20,320	5.25	106,682	2.50	266,704
Fenarimol	19	7,020	0.11	772	210.00	162,156
Fenbuconazole	17	6,281	0.14	879	96.30	84,678
Iprodione	2	739	1.57	1,160	49.00	56,845
Myclobutanil	76	28,079	0.24	6,739	170.25	1,147,306
Propiconazole	44	16,256	0.18	2,926	96.60	282,664
Sulfur	69	25,493	21.33	543,760	0.40	217,504
Tebuconazole	32	11,823	0.28	3,310	94.10	311,505
Thiophanate Methyl	6	2,217	1.28	2,837	21.45	60,863
Triflumizole	57	21,059	0.53	11,161	105.00	1,171,946
<i>Wisconsin</i>						
Benomyl	5	122	1.50	183	30.00	5,477
Captan	70	1,704	12.00	20,446	5.75	117,562
Chlorothalonil	40	974	4.50	4,381	7.00	30,668
Fenarimol	10	243	0.31	75	210.00	15,845
Fenbuconazole	80	1,947	0.56	1,090	96.30	105,009
Myclobutanil	10	243	0.50	122	170.25	20,719
Sulfur	10	243	48.00	11,683	0.40	4,673

Table 13.2
Citrus
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Arizona</i>						
Copper	58	19,215	3.57	68,597	2.50	171,492
Fosetyl-AL	2	663	2.45	1,623	15.75	25,567
Mefenoxam	5	1,656	0.65	1,077	189.00	203,495
Sulfur	1	331	9.71	3,217	0.40	1,287
<i>California</i>						
Copper	58	198,391	3.57	708,255	2.50	1,770,637
Fosetyl-AL	2	6,841	2.45	16,761	15.75	263,979
Mefenoxam	1	3,421	0.51	1,744	189.00	329,705
Sulfur	4	13,682	27.62	377,900	0.40	151,160
<i>Florida</i>						
Azoxystrobin	4	34,869	0.22	7,671	134.00	1,027,948
Benomyl	2	17,435	0.59	10,286	30.00	308,593
Copper	68	592,778	3.58	2,122,147	2.50	5,305,367
Fenbuconazole	7	61,021	0.23	14,035	96.30	1,351,561
Ferbam	1	8,717	4.98	43,412	5.50	238,768
Fosetyl-AL	1	8,717	1.63	14,209	15.75	223,796
Mefenoxam	2	17,435	1.10	19,178	189.00	3,624,666
Pyraclostrobin	11	95,891	0.23	22,055	59.00	1,301,236
Sulfur	17	148,195	23.10	3,423,295	0.40	1,369,318
Thiophanate Methyl	1	8,717	1.09	9,502	21.45	203,816
<i>Texas</i>						
Azoxystrobin	10	3,030	0.22	667	134.00	89,321
Benomyl	5	1,515	0.75	1,136	30.00	34,086
Copper	20	6,060	4.50	27,269	2.50	68,173
Fenbuconazole	65	19,694	0.13	2,560	96.30	246,554
Fosetyl-AL	60	18,179	4.70	85,443	15.75	1,345,730
Mefenoxam	5	1,515	0.50	757	189.00	143,163
Pyraclostrobin	10	3,030	0.30	909	59.00	53,629
Sulfur	5	1,515	15.60	23,633	0.40	9,453

Table 14.2
Collards
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Alabama</i>						
Copper	75	592	2.12	1,255	2.50	3,136
<i>California</i>						
Azoxystrobin	45	332	0.08	27	134.00	3,560
Copper	23	170	0.56	95	2.50	238
Fosetyl-AL	29	214	2.61	559	15.75	8,798
Mefenoxam	20	148	0.11	16	189.00	3,069
<i>Georgia</i>						
Chlorothalonil	2	115	3.01	345	7.00	2,414
Copper	8	458	0.66	302	2.50	756
Fosetyl-AL	30	1,718	1.60	2,749	15.75	43,304
Maneb	19	1,088	2.83	3,080	3.37	10,379
Sulfur	6	344	7.45	2,560	0.40	1,024
<i>North Carolina</i>						
Chlorothalonil	13	332	2.70	896	7.00	6,270
Copper	37	944	3.00	2,833	2.50	7,082
Maneb	54	1,378	2.50	3,445	3.37	11,610
<i>South Carolina</i>						
Chlorothalonil	13	261	2.70	706	7.00	4,941
Copper	30	603	2.40	1,448	2.50	3,620
Fosetyl-AL	43	865	8.00	6,918	15.75	108,956
Sulfur	5	101	8.00	804	0.40	322

Table 15.2
Cotton
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Alabama</i>						
Etridiazole	9	47,081	0.15	7,062	14.00	98,870
Iprodione	15	78,468	0.90	70,622	49.00	3,460,459
Mefenoxam	4	20,925	0.21	4,394	189.00	830,510
PCNB	11	57,544	0.51	29,347	7.28	213,648
<i>Arizona</i>						
Mancozeb	2	4,454	2.50	11,136	3.46	38,531
PCNB	1	2,227	0.80	1,782	7.28	12,971
<i>Arkansas</i>						
Etridiazole	4	36,853	0.17	6,265	14.00	87,709
Mefenoxam	10	92,132	0.07	6,449	189.00	1,218,901
PCNB	7	64,492	0.59	38,050	7.28	277,007
<i>California</i>						
Mefenoxam	1	6,947	0.07	486	189.00	91,903
PCNB	1	6,947	0.65	4,515	7.28	32,871
<i>Florida</i>						
PCNB	5	5,088	0.64	3,257	7.28	23,707
<i>Georgia</i>						
Azoxystrobin	2	25,343	0.08	2,027	134.00	271,677
Etridiazole	3	38,015	0.17	6,462	14.00	90,475
Mefenoxam	4	50,686	0.21	10,644	189.00	2,011,727
PCNB	13	164,730	0.64	105,427	7.28	767,508
<i>Louisiana</i>						
Azoxystrobin	15	71,218	0.08	5,697	134.00	763,453
Etridiazole	8	37,983	0.17	6,457	14.00	90,399
Iprodione	15	71,218	0.90	64,096	49.00	3,140,696
Mefenoxam	15	71,218	0.03	2,137	189.00	403,804
PCNB	50	237,392	0.75	178,044	7.28	1,296,160
<i>Mississippi</i>						
Etridiazole	7	81,020	0.09	7,292	14.00	102,086
Mefenoxam	3	34,723	0.03	1,042	189.00	196,879
PCNB	20	231,486	0.75	173,615	7.28	1,263,916

Table 15.2
Cotton
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Missouri</i>						
Azoxystrobin	10	39,588	0.07	2,930	134.00	392,555
Etridiazole	5	19,794	0.17	3,365	14.00	47,110
Mefenoxam	20	79,176	0.14	11,085	189.00	2,094,997
PCNB	10	39,588	1.16	45,922	7.28	334,313
<i>New Mexico</i>						
Mancozeb	2	1,061	2.50	2,652	3.46	9,177
PCNB	1	530	0.80	424	7.28	3,089
<i>North Carolina</i>						
Etridiazole	3	27,723	0.13	3,604	14.00	50,456
Mefenoxam	4	36,964	0.13	4,805	189.00	908,203
PCNB	7	64,687	0.58	37,518	7.28	273,134
<i>Oklahoma</i>						
Mefenoxam	1	1,722	0.07	121	189.00	22,786
PCNB	1	1,722	0.80	1,378	7.28	10,031
<i>South Carolina</i>						
Etridiazole	3	6,253	0.13	813	14.00	11,380
Mefenoxam	4	8,337	0.13	1,084	189.00	204,835
PCNB	3	6,253	0.60	3,752	7.28	27,311
<i>Tennessee</i>						
Azoxystrobin	9	48,038	0.10	4,804	134.00	643,709
Etridiazole	5	26,688	0.12	3,203	14.00	44,835
Mefenoxam	10	53,376	0.06	3,203	189.00	605,278
PCNB	12	64,051	0.28	17,934	7.28	130,561
<i>Virginia</i>						
PCNB	7	6,497	0.58	3,768	7.28	27,431

Table 16.2
Cranberries
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Massachusetts</i>						
Chlorothalonil	100	14,707	6.98	102,655	7.00	718,584
Copper	24	3,530	5.88	20,755	2.50	51,886
Ferbam	14	2,059	4.60	9,471	5.50	52,092
Mancozeb	73	10,736	4.20	45,092	3.46	156,017
<i>New Jersey</i>						
Chlorothalonil	100	3,105	5.17	16,053	7.00	112,370
Ferbam	100	3,105	5.68	17,636	5.50	97,000
Mancozeb	22	683	4.88	3,334	3.46	11,534
<i>Oregon</i>						
Chlorothalonil	100	2,958	4.23	12,512	7.00	87,586
Copper	43	1,272	2.84	3,612	2.50	9,031
Ferbam	9	266	4.26	1,134	5.50	6,238
Mancozeb	23	680	2.30	1,565	3.46	5,414
<i>Washington</i>						
Chlorothalonil	66	1,321	2.96	3,909	7.00	27,364
Copper	71	1,421	4.17	5,924	2.50	14,811
Ferbam	11	220	4.42	973	5.50	5,351
Mancozeb	90	1,801	3.24	5,835	3.46	20,189
<i>Wisconsin</i>						
Chlorothalonil	13	2,274	2.61	5,936	7.00	41,550
Copper	11	1,924	2.26	4,349	2.50	10,873
Mancozeb	10	1,749	3.24	5,668	3.46	19,611
Propiconazole	18	3,149	0.13	409	96.60	39,544

Table 17.2
Cucumbers
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>California</i>						
Azoxystrobin	6	561	0.10	56	134.00	7,518
Chlorothalonil	2	187	1.26	236	7.00	1,650
Copper	3	281	0.44	123	2.50	309
Myclobutanil	6	561	0.07	39	170.25	6,686
Sulfur	3	281	6.13	1,720	0.40	688
Triadimefon	2	187	0.13	24	141.40	3,438
Trifloxystrobin	3	281	0.09	25	185.60	4,686
<i>Florida</i>						
Azoxystrobin	53	9,532	0.30	2,859	134.00	383,167
Chlorothalonil	22	3,956	5.62	22,235	7.00	155,648
Copper	10	1,798	3.00	5,395	2.50	13,488
Mancozeb	18	3,237	6.62	21,430	3.46	74,147
Maneb	33	5,935	6.89	40,890	3.37	137,800
Mefenoxam	10	1,798	0.20	360	189.00	67,980
<i>Georgia</i>						
Azoxystrobin	53	6,680	0.30	2,004	134.00	268,541
Benomyl	13	1,639	0.78	1,278	30.00	38,341
Chlorothalonil	85	10,713	5.33	57,102	7.00	399,717
Copper	50	6,302	1.40	8,823	2.50	22,057
Mancozeb	80	10,083	8.00	80,666	3.46	279,103
Maneb	16	2,017	4.16	8,389	3.37	28,272
Mefenoxam	40	5,042	0.20	1,008	189.00	190,572
<i>Indiana</i>						
Chlorothalonil	60	1,011	4.50	4,550	7.00	31,847
Mancozeb	30	506	6.00	3,033	3.46	10,494
<i>Maryland</i>						
Azoxystrobin	35	1,243	0.16	199	134.00	26,654
Chlorothalonil	25	888	2.77	2,460	7.00	17,218
Copper	11	391	1.86	727	2.50	1,817
Mefenoxam	44	1,563	0.07	109	189.00	20,677

Table 17.2
Cucumbers
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Michigan</i>						
Benomyl	16	6,768	0.20	1,354	30.00	40,611
Chlorothalonil	12	5,076	1.91	9,696	7.00	67,871
Copper	6	2,538	0.87	2,208	2.50	5,521
Dimethomorph	20	8,461	0.80	6,768	39.40	266,678
Mancozeb	5	2,115	3.78	7,995	3.46	27,664
Mefenoxam	10	4,230	0.11	465	189.00	87,948
<i>New Jersey</i>						
Azoxystrobin	60	2,086	0.36	751	134.00	100,609
Benomyl	33	1,147	0.56	642	30.00	19,271
Chlorothalonil	81	2,816	4.00	11,262	7.00	78,836
Copper	11	382	1.86	711	2.50	1,778
Mancozeb	22	765	1.60	1,224	3.46	4,233
Mefenoxam	40	1,390	0.20	278	189.00	52,557
Trifloxystrobin	2	70	0.06	4	185.60	774
<i>New York</i>						
Azoxystrobin	90	2,939	0.32	940	134.00	126,003
Chlorothalonil	85	2,775	3.00	8,326	7.00	58,280
Copper	60	1,959	1.71	3,350	2.50	8,375
Mancozeb	72	2,351	1.50	3,526	3.46	12,201
Mefenoxam	65	2,122	0.20	424	189.00	80,221
Thiophanate Methyl	5	163	1.50	245	21.45	5,253
<i>North Carolina</i>						
Azoxystrobin	25	4,099	0.20	820	134.00	109,853
Chlorothalonil	69	11,313	2.90	32,808	7.00	229,659
Copper	13	2,131	1.27	2,707	2.50	6,767
Mancozeb	15	2,459	6.60	16,232	3.46	56,163
Mefenoxam	8	1,312	0.12	157	189.00	29,749
Thiophanate Methyl	10	1,640	1.50	2,459	21.45	52,754
<i>Ohio</i>						
Chlorothalonil	85	2,215	5.58	12,360	7.00	86,522
Copper	13	339	1.27	430	2.50	1,076
Mefenoxam	13	339	0.18	61	189.00	11,525
Thiophanate Methyl	30	782	1.50	1,173	21.45	25,154

Table 17.2
Cucumbers
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>South Carolina</i>						
Azoxystrobin	30	1,457	0.50	729	134.00	97,646
Benomyl	10	486	0.25	121	30.00	3,644
Chlorothalonil	50	2,429	4.50	10,931	7.00	76,514
Copper	10	486	3.00	1,457	2.50	3,644
Mancozeb	50	2,429	4.80	11,659	3.46	40,341
Mefenoxam	10	486	0.12	58	189.00	11,018
Myclobutanil	5	243	0.10	24	170.25	4,135
Thiophanate Methyl	15	729	0.35	255	21.45	5,471
<i>Texas</i>						
Chlorothalonil	30	3,113	1.13	3,518	7.00	24,625
<i>Virginia</i>						
Azoxystrobin	50	1,035	1.00	1,035	134.00	138,623
Chlorothalonil	70	1,448	7.50	10,862	7.00	76,036
Copper	40	828	4.00	3,310	2.50	8,276
Mancozeb	40	828	6.00	4,966	3.46	17,181
Mefenoxam	50	1,035	0.15	155	189.00	29,328
Myclobutanil	20	414	0.30	124	170.25	21,135
Pyraclostrobin	10	207	0.50	103	59.00	6,104
Thiophanate Methyl	30	621	1.50	931	21.45	19,971
Trifloxystrobin	20	414	0.18	74	185.60	13,824
Triflumizole	10	207	0.75	155	105.00	16,293
<i>Wisconsin</i>						
Benomyl	5	299	0.25	75	30.00	2,243
Chlorothalonil	10	598	3.00	1,794	7.00	12,558
Copper	30	1,794	2.00	3,588	2.50	8,970
Dimethomorph	20	1,196	0.50	598	39.40	23,561
Mancozeb	5	299	3.00	897	3.46	3,104
Mefenoxam	30	1,794	0.40	718	189.00	135,626
Thiophanate Methyl	5	299	1.50	449	21.45	9,620

Table 18.2
Garlic
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>California</i>						
Azoxystrobin	61	17,501	0.31	5,425	134.00	726,987
Chlorothalonil	2	574	1.50	861	7.00	6,025
Copper	1	287	1.54	442	2.50	1,105
Iprodione	1	287	2.02	580	49.00	28,397
Mancozeb	1	287	5.52	1,584	3.46	5,480
Maneb	3	861	1.85	1,592	3.37	5,366

Table 19.2
Grapes
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Arkansas</i>						
Azoxystrobin	25	285	0.28	80	134.00	10,684
Captan	60	683	12.00	8,201	5.75	47,155
Copper	20	228	8.00	1,822	2.50	4,556
Cyprodinil	5	57	0.57	32	70.00	2,272
Iprodione	45	513	1.00	513	49.00	25,115
Mancozeb	60	683	17.20	11,754	3.46	40,671
Myclobutanil	40	456	0.19	87	170.25	14,738
Sulfur	75	854	33.00	28,190	0.40	11,276
Triadimefon	60	683	0.38	260	141.40	36,720
<i>California</i>						
Azoxystrobin	11	97,999	0.22	21,560	134.00	2,888,998
Captan	1	8,909	1.62	14,433	5.75	82,987
Copper	50	445,448	1.94	864,169	2.50	2,160,423
Cyprodinil	11	97,999	0.48	47,039	70.00	3,292,752
DCNA	1	8,909	1.92	17,105	14.00	239,473
Fenarimol	14	124,725	0.04	4,989	210.00	1,047,694
Fenhexamid	4	35,636	0.50	17,818	62.00	1,104,711
Iprodione	2	17,818	0.62	11,047	49.00	541,308
Kresoxim	6	53,454	0.15	8,018	203.00	1,627,667
Mancozeb	5	44,545	1.91	85,081	3.46	294,379
Myclobutanil	32	285,087	0.17	48,465	170.25	8,251,122
Sulfur	100	890,896	44.57	39,707,235	0.40	15,882,894
Tebuconazole	22	195,997	0.14	27,440	94.10	2,582,066
Trifloxystrobin	21	187,088	0.08	14,967	185.60	2,777,885
Triflumizole	12	106,908	0.21	22,451	105.00	2,357,311
Ziram	1	8,909	2.41	21,471	3.37	72,356

Table 19.2
Grapes
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Michigan</i>						
Azoxystrobin	28	3,758	0.26	977	134.00	130,915
Captan	3	403	3.67	1,478	5.75	8,496
Copper	12	1,610	0.70	1,127	2.50	2,818
Cyprodinil	2	268	0.58	156	70.00	10,897
Ferbam	8	1,074	3.64	3,908	5.50	21,493
Iprodione	3	403	1.77	713	49.00	34,917
Kresoxim	1	134	0.16	21	203.00	4,359
Mancozeb	95	12,749	6.71	85,546	3.46	295,988
Myclobutanil	33	4,429	0.17	753	170.25	128,175
Sulfur	6	805	8.79	7,078	0.40	2,831
Tebuconazole	55	7,381	0.22	1,624	94.10	152,801
Triadimefon	6	805	0.16	129	141.40	18,217
Ziram	85	11,407	5.83	66,503	3.37	224,114
<i>New York</i>						
Azoxystrobin	67	24,600	0.31	7,626	134.00	1,021,872
Captan	15	5,507	2.68	14,760	5.75	84,869
Copper	19	6,976	0.98	6,837	2.50	17,091
Cyprodinil	6	2,203	0.67	1,476	70.00	103,319
Fenarimol	53	19,459	0.04	778	210.00	163,460
Fenhexamid	5	1,836	0.89	1,634	62.00	101,299
Iprodione	2	734	1.41	1,035	49.00	50,734
Kresoxim	7	2,570	0.18	463	203.00	93,912
Mancozeb	77	28,271	4.70	132,875	3.46	459,748
Maneb	5	1,836	3.37	6,187	3.37	20,849
Myclobutanil	18	6,609	0.19	1,256	170.25	213,781
Sulfur	16	5,875	8.93	52,460	0.40	20,984
Tebuconazole	12	4,406	0.14	617	94.10	58,044
Triflumizole	17	6,242	0.24	1,498	105.00	157,291
Ziram	10	3,672	3.27	12,006	3.37	40,461

Table 19.2
Grapes
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Ohio</i>						
Azoxystrobin	60	1,203	0.14	168	134.00	22,568
Captan	30	602	2.40	1,444	5.75	8,301
Copper	25	501	4.00	2,005	2.50	5,013
Fenarimol	15	301	0.05	15	210.00	3,158
Iprodione	5	100	1.00	100	49.00	4,912
Kresoxim	20	401	0.40	160	203.00	32,561
Mancozeb	80	1,604	4.90	7,860	3.46	27,194
Myclobutanil	35	702	0.25	175	170.25	29,868
Sulfur	20	401	45.00	18,045	0.40	7,218
Tebuconazole	20	401	0.20	80	94.10	7,547
Ziram	45	902	2.50	2,256	3.37	7,601
<i>Oregon</i>						
Azoxystrobin	32	4,564	0.32	1,460	134.00	195,697
Copper	12	1,711	3.47	5,939	2.50	14,847
Cyprodinil	35	4,992	0.42	2,097	70.00	146,756
Fenarimol	38	5,420	0.06	325	210.00	68,286
Iprodione	21	2,995	1.23	3,684	49.00	180,510
Myclobutanil	31	4,421	0.21	928	170.25	158,070
Sulfur	95	13,549	18.97	257,023	0.40	102,809
Tebuconazole	32	4,564	0.16	730	94.10	68,713
Triflumizole	17	2,425	0.24	582	105.00	61,098

Table 19.2
Grapes
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Pennsylvania</i>						
Captan	1	126	1.27	160	5.75	918
Copper	47	5,906	1.01	5,965	2.50	14,912
Cyprodinil	1	126	0.39	49	70.00	3,430
Fenarimol	76	9,549	0.05	477	210.00	100,269
Ferbam	20	2,513	6.91	17,365	5.50	95,507
Iprodione	1	126	0.72	90	49.00	4,433
Kresoxim	42	5,277	0.15	792	203.00	160,694
Mancozeb	54	6,785	3.59	24,359	3.46	84,280
Maneb	8	1,005	2.33	2,342	3.37	7,893
Myclobutanil	58	7,288	0.16	1,166	170.25	198,517
Tebuconazole	27	3,393	0.16	543	94.10	51,078
Triadimefon	5	628	0.25	157	141.40	22,209
Ziram	43	5,403	3.81	20,585	3.37	69,372
<i>Washington</i>						
Cyprodinil	5	3,126	0.64	2,000	70.00	140,034
Fenarimol	80	50,012	0.04	2,000	210.00	420,101
Fenhexamid	25	15,629	0.57	8,908	62.00	552,320
Kresoxim	12	7,502	0.09	675	203.00	137,058
Myclobutanil	10	6,252	0.17	1,063	170.25	180,934
Sulfur	80	50,012	60.00	3,000,720	0.40	1,200,288
Tebuconazole	6	3,751	0.13	488	94.10	45,885
Trifloxystrobin	25	15,629	0.06	938	185.60	174,042
Triflumizole	30	18,755	0.20	3,751	105.00	393,845

Table 20.2
Green Beans
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>California</i>						
Azoxystrobin	6	390	0.09	35	134.00	4,703
Chlorothalonil	1	65	1.29	84	7.00	587
Copper	1	65	0.31	20	2.50	50
DCNA	2	130	1.39	181	14.00	2,530
Mefenoxam	1	65	0.14	9	189.00	1,720
PCNB	11	715	0.23	164	7.28	1,197
Sulfur	5	325	16.53	5,372	0.40	2,149
Thiophanate Methyl	1	65	0.80	52	21.45	1,115
<i>Florida</i>						
Benomyl	10	3,500	0.69	2,415	30.00	72,450
Chlorothalonil	71	24,850	4.33	107,601	7.00	753,204
Copper	34	11,900	2.21	26,299	2.50	65,748
Mancozeb	16	5,600	5.75	32,200	3.46	111,412
Maneb	20	7,000	3.01	21,070	3.37	71,006
Mefenoxam	16	5,600	0.17	952	189.00	179,928
PCNB	15	5,250	1.31	6,878	7.28	50,068
Sulfur	60	21,000	5.50	115,500	0.40	46,200
<i>Georgia</i>						
Benomyl	10	1,750	1.76	3,080	30.00	92,400
Chlorothalonil	84	14,700	4.32	63,504	7.00	444,528
Copper	5	875	0.65	569	2.50	1,422
Mefenoxam	70	12,250	0.20	2,450	189.00	463,050
Myclobutanil	5	875	0.10	88	170.25	14,897
PCNB	70	12,250	0.95	11,638	7.28	84,721
Sulfur	5	875	1.50	1,313	0.40	525
Thiophanate Methyl	10	1,750	1.76	3,080	21.45	66,066
<i>Illinois</i>						
Azoxystrobin	20	4,120	0.20	824	134.00	110,416
Benomyl	13	2,678	0.75	2,009	30.00	60,255
Chlorothalonil	10	2,060	3.00	6,180	7.00	43,260
Copper	20	4,120	2.00	8,240	2.50	20,600
Thiophanate Methyl	15	3,090	1.40	4,326	21.45	92,793

Table 20.2
Green Beans
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Indiana</i>						
Benomyl	13	780	0.75	585	30.00	17,550
Chlorothalonil	10	600	3.00	1,800	7.00	12,600
Copper	5	300	1.00	300	2.50	750
Mefenoxam	5	300	0.50	150	189.00	28,350
<i>Maryland</i>						
Benomyl	15	315	1.00	315	30.00	9,450
Chlorothalonil	15	315	4.50	1,418	7.00	9,923
Mefenoxam	15	315	1.00	315	189.00	59,535
Vinclozolin	5	105	1.00	105	44.00	4,620
<i>Michigan</i>						
Chlorothalonil	50	10,150	3.20	32,480	7.00	227,360
Copper	20	4,060	0.36	1,462	2.50	3,654
Vinclozolin	31	6,293	0.60	3,776	44.00	166,135
<i>New Jersey</i>						
Benomyl	10	310	1.50	465	30.00	13,950
Chlorothalonil	23	713	2.25	1,604	7.00	11,230
Copper	10	310	2.00	620	2.50	1,550
Mefenoxam	75	2,325	0.20	465	189.00	87,885
PCNB	20	620	1.80	1,116	7.28	8,124
Thiophanate Methyl	10	310	2.60	806	21.45	17,289
<i>New York</i>						
Benomyl	10	3,150	1.50	4,725	30.00	141,750
Chlorothalonil	1	315	2.72	857	7.00	5,998
Copper	10	3,150	2.00	6,300	2.50	15,750
Thiophanate Methyl	10	3,150	2.60	8,190	21.45	175,676
Vinclozolin	22	6,930	0.50	3,465	44.00	152,460

Table 20.2
Green Beans
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>North Carolina</i>						
Azoxystrobin	65	4,745	0.04	190	134.00	25,433
Benomyl	30	2,190	1.75	3,833	30.00	114,975
Chlorothalonil	26	1,898	2.00	3,796	7.00	26,572
Copper	35	2,555	2.00	5,110	2.50	12,775
Mancozeb	17	1,241	11.20	13,899	3.46	48,091
Mefenoxam	30	2,190	0.50	1,095	189.00	206,955
PCNB	10	730	1.50	1,095	7.28	7,972
Thiophanate Methyl	10	730	1.39	1,015	21.45	21,765
<i>Oregon</i>						
Mefenoxam	7	1,309	0.07	92	189.00	17,318
Thiophanate Methyl	1	187	1.05	196	21.45	4,212
Vinclozolin	85	15,895	0.58	9,219	44.00	405,640
<i>Pennsylvania</i>						
Chlorothalonil	5	375	4.50	1,688	7.00	11,813
Mefenoxam	30	2,250	0.50	1,125	189.00	212,625
Vinclozolin	30	2,250	0.50	1,125	44.00	49,500
<i>South Carolina</i>						
Benomyl	30	420	1.75	735	30.00	22,050
Chlorothalonil	20	280	4.80	1,344	7.00	9,408
Copper	30	420	2.40	1,008	2.50	2,520
Mefenoxam	30	420	0.50	210	189.00	39,690
PCNB	10	140	1.50	210	7.28	1,529
Sulfur	30	420	4.80	2,016	0.40	806
<i>Tennessee</i>						
Chlorothalonil	23	1,748	2.47	4,318	7.00	30,223
Copper	5	380	2.00	760	2.50	1,900
Iprodione	1	76	1.00	76	49.00	3,724
Mefenoxam	15	1,140	1.00	1,140	189.00	215,460
Myclobutanil	25	1,900	0.20	380	170.25	64,695
Sulfur	5	380	2.89	1,098	0.40	439
Thiophanate Methyl	1	76	3.00	228	21.45	4,891

Table 20.2
Green Beans
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Virginia</i>						
Chlorothalonil	12	600	4.50	2,700	7.00	18,900
Copper	10	500	3.00	1,500	2.50	3,750
Mefenoxam	70	3,500	1.00	3,500	189.00	661,500
PCNB	40	2,000	1.10	2,200	7.28	16,016
Thiophanate Methyl	20	1,000	2.80	2,800	21.45	60,060
Vinclozolin	20	1,000	1.00	1,000	44.00	44,000
<i>Wisconsin</i>						
Benomyl	23	16,606	0.79	13,119	30.00	393,562
Copper	16	11,552	0.83	9,588	2.50	23,970
Iprodione	3	2,166	1.28	2,772	49.00	135,852
Thiophanate Methyl	40	28,880	1.39	40,143	21.45	861,072
Vinclozolin	5	3,610	0.50	1,805	44.00	79,420

Table 21.2
Hazelnuts
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Oregon</i>						
Azoxystrobin	1	332	0.24	80	134.00	10,661
Chlorothalonil	50	16,576	2.50	41,439	7.00	290,071
Copper	33	10,940	2.70	29,538	2.50	73,844
Tebuconazole	15	4,973	0.33	1,641	94.10	154,416

Table 22.2
Hops
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Idaho</i>						
Copper	45	1,530	6.00	9,177	2.50	22,943
Cymoxanil	50	1,700	0.30	510	59.00	30,081
Fosetyl-AL	10	340	6.00	2,039	15.75	32,121
Mefenoxam	10	340	0.50	170	189.00	32,121
Myclobutanil	50	1,700	0.20	340	170.25	57,868
Sulfur	45	1,530	4.50	6,883	0.40	2,753
Trifloxystrobin	10	340	0.13	42	185.60	7,886
<i>Oregon</i>						
Copper	100	5,651	3.00	16,953	2.50	42,383
Cymoxanil	70	3,956	0.25	989	59.00	58,347
Fosetyl-AL	50	2,826	8.00	22,604	15.75	356,013
Mefenoxam	5	283	1.00	283	189.00	53,402
Myclobutanil	15	848	0.25	212	170.25	36,078
Tebuconazole	11	622	0.20	124	94.10	11,699
Trifloxystrobin	20	1,130	0.13	141	185.60	26,221
<i>Washington</i>						
Copper	7	1,458	2.00	2,917	2.50	7,292
Fosetyl-AL	2	417	2.00	833	15.75	13,125
Mefenoxam	20	4,167	0.25	1,042	189.00	196,872
Myclobutanil	80	16,666	0.40	6,667	170.25	1,134,982
Sulfur	50	10,417	15.00	156,248	0.40	62,499
Trifloxystrobin	50	10,417	0.13	1,302	185.60	241,663

Table 23.2
Hot Peppers
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>New Mexico</i>						
Copper	24	3,977	0.79	3,141	2.50	7,854
Myclobutanil	22	3,645	0.40	1,458	170.25	248,237

Table 24.2
Kiwi
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>California</i>						
Vinclozolin	10	484	3.24	1,567	44.00	68,956

Table 25.2
Lettuce
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Arizona</i>						
Azoxystrobin	4	2,881	0.18	519	134.00	69,487
Fosetyl-AL	5	3,601	2.80	10,083	15.75	158,809
Iprodione	16	11,524	0.90	10,371	49.00	508,187
Maneb	40	28,809	2.20	63,379	3.37	213,588
Mefenoxam	3	2,161	0.15	324	189.00	61,255
Sulfur	2	1,440	2.15	3,097	0.40	1,239
Vinclozolin	17	12,244	0.90	11,019	44.00	484,852
<i>California</i>						
Azoxystrobin	1	2,197	0.21	461	134.00	61,824
Copper	1	2,197	0.75	1,648	2.50	4,119
DCNA	10	21,970	1.90	41,743	14.00	584,405
Fosetyl-AL	44	96,668	2.75	265,838	15.75	4,186,952
Iprodione	18	39,546	1.01	39,942	49.00	1,957,140
Maneb	76	166,973	2.74	457,505	3.37	1,541,793
Mefenoxam	3	6,591	0.15	989	189.00	186,856
Sulfur	2	4,394	2.15	9,447	0.40	3,779
Vinclozolin	9	19,773	0.90	17,796	44.00	783,014
<i>Colorado</i>						
Azoxystrobin	10	401	0.25	100	134.00	13,417
Copper	25	1,001	2.00	2,003	2.50	5,006
Mefenoxam	25	1,001	0.56	561	189.00	105,972
<i>Florida</i>						
Azoxystrobin	15	466	0.40	186	134.00	24,964
Fosetyl-AL	25	776	6.20	4,813	15.75	75,801
Iprodione	20	621	2.00	1,242	49.00	60,858
Maneb	95	2,950	8.00	23,598	3.37	79,525
Mefenoxam	25	776	0.20	155	189.00	29,342
<i>New Jersey</i>						
Fosetyl-AL	2	45	2.40	109	15.75	1,716
Iprodione	59	1,339	3.00	4,018	49.00	196,877
Maneb	25	568	3.20	1,816	3.37	6,120
Mefenoxam	25	568	0.20	114	189.00	21,452
Vinclozolin	41	931	2.25	2,094	44.00	92,139

Table 26.2
Mint
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Idaho</i>						
Sulfur	12	1,649	4.64	7,653	0.40	3,061
<i>Indiana</i>						
Chlorothalonil	9	1,043	1.00	1,043	7.00	7,300
<i>Michigan</i>						
Chlorothalonil	9	222	1.00	222	7.00	1,557
<i>Oregon</i>						
Azoxystrobin	15	4,188	0.15	628	134.00	84,173
Myclobutanil	2	558	0.12	67	170.25	11,407
Propiconazole	15	4,188	0.20	838	96.60	80,906
Sulfur	1	279	4.60	1,284	0.40	514
<i>Washington</i>						
Myclobutanil	2	704	0.12	85	170.25	14,387
Sulfur	4	1,408	4.64	6,535	0.40	2,614
<i>Wisconsin</i>						
Chlorothalonil	9	672	1.00	672	7.00	4,707

Table 27.2
Nectarines
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>California</i>						
Azoxystrobin	3	1,276	0.19	242	134.00	32,486
Benomyl	1	425	0.51	217	30.00	6,507
Captan	2	851	1.94	1,650	5.75	9,489
Chlorothalonil	6	2,552	2.28	5,818	7.00	40,729
Copper	63	26,795	6.92	185,423	2.50	463,556
Cyprodinil	11	4,679	0.21	982	70.00	68,774
Fenbuconazole	21	8,932	0.13	1,161	96.30	111,816
Iprodione	29	12,334	0.63	7,771	49.00	380,759
Myclobutanil	13	5,529	0.23	1,272	170.25	216,508
Propiconazole	28	11,909	0.12	1,429	96.60	138,049
Sulfur	50	21,266	7.07	150,351	0.40	60,140
Tebuconazole	30	12,760	0.16	2,042	94.10	192,109
Thiophanate Methyl	1	425	0.76	323	21.45	6,934
Ziram	18	7,656	6.05	46,317	3.37	156,089

Table 28.2
Onions
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Arizona</i>						
Azoxystrobin	10	147	0.25	37	134.00	4,918
Chlorothalonil	10	147	1.46	214	7.00	1,500
Copper	76	1,116	1.00	1,116	2.50	2,789
Iprodione	64	940	1.03	968	49.00	47,418
Mancozeb	10	147	2.53	371	3.46	1,285
Mefenoxam	14	206	0.10	21	189.00	3,884
<i>California</i>						
Azoxystrobin	4	1,552	0.24	372	134.00	49,908
Chlorothalonil	53	20,562	2.33	47,910	7.00	335,373
Copper	28	10,863	1.98	21,509	2.50	53,773
DCNA	1	388	2.10	815	14.00	11,406
Iprodione	12	4,656	0.90	4,190	49.00	205,314
Mancozeb	41	15,907	2.88	45,811	3.46	158,508
Maneb	16	6,208	2.55	15,829	3.37	53,344
Mefenoxam	57	22,114	0.24	5,307	189.00	1,003,104
<i>Colorado</i>						
Azoxystrobin	10	1,164	0.25	291	134.00	38,977
Chlorothalonil	25	2,909	1.50	4,363	7.00	30,542
Copper	85	9,890	0.80	7,912	2.50	19,780
Iprodione	15	1,745	0.81	1,414	49.00	69,269
Mancozeb	85	9,890	1.20	11,868	3.46	41,062
Maneb	85	9,890	2.50	24,724	3.37	83,321
Mefenoxam	10	1,164	0.15	175	189.00	32,985
<i>Georgia</i>						
Azoxystrobin	35	4,353	0.25	1,088	134.00	145,812
Chlorothalonil	96	11,939	6.66	79,511	7.00	556,576
Copper	63	7,835	2.29	17,941	2.50	44,854
Iprodione	46	5,721	1.23	7,036	49.00	344,778
Mancozeb	65	8,083	2.10	16,975	3.46	58,734
Mefenoxam	30	3,731	0.25	933	189.00	176,280

Table 28.2
Onions
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Idaho</i>						
Azoxystrobin	1	98	0.24	24	134.00	3,160
Chlorothalonil	51	5,012	1.47	7,367	7.00	51,571
Copper	10	983	0.70	688	2.50	1,720
Mancozeb	10	983	3.50	3,439	3.46	11,900
<i>Michigan</i>						
Azoxystrobin	10	441	0.25	110	134.00	14,770
Chlorothalonil	74	3,263	3.03	9,886	7.00	69,201
Copper	44	1,940	1.42	2,755	2.50	6,887
Iprodione	67	2,954	1.33	3,929	49.00	192,514
Mancozeb	89	3,924	6.00	23,544	3.46	81,462
Mefenoxam	39	1,720	0.15	258	189.00	48,748
<i>New Mexico</i>						
Chlorothalonil	10	777	1.54	1,196	7.00	8,373
Iprodione	15	1,165	0.81	944	49.00	46,241
<i>New York</i>						
Azoxystrobin	14	1,612	0.27	435	134.00	58,331
Chlorothalonil	52	5,988	4.38	26,229	7.00	183,602
Copper	7	806	0.72	580	2.50	1,451
Iprodione	18	2,073	1.30	2,695	49.00	132,042
Mancozeb	97	11,171	15.73	175,712	3.46	607,964
Maneb	12	1,382	4.80	6,633	3.37	22,354
Mefenoxam	5	576	0.08	46	189.00	8,706
<i>Oregon</i>						
Azoxystrobin	30	6,373	0.25	1,593	134.00	213,482
Chlorothalonil	51	10,833	1.47	15,925	7.00	111,476
Copper	52	11,046	1.10	12,150	2.50	30,376
DCNA	7	1,487	3.17	4,714	14.00	65,990
Iprodione	3	637	0.76	484	49.00	23,732
Mancozeb	85	18,056	2.89	52,181	3.46	180,546
Mefenoxam	12	2,549	0.15	382	189.00	72,265

Table 28.2
Onions
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Texas</i>						
Azoxystrobin	43	6,569	0.25	1,642	134.00	220,051
Chlorothalonil	45	6,874	2.04	14,023	7.00	98,164
Copper	1	153	0.39	60	2.50	149
Iprodione	30	4,583	1.25	5,729	49.00	280,697
Mancozeb	45	6,874	4.43	30,453	3.46	105,366
Maneb	8	1,222	4.20	5,133	3.37	17,297
Mefenoxam	40	6,110	0.20	1,222	189.00	230,973
<i>Utah</i>						
Mancozeb	5	105	10.00	1,055	3.46	3,649
<i>Washington</i>						
Azoxystrobin	2	393	0.25	98	134.00	13,174
Chlorothalonil	61	11,994	2.72	32,625	7.00	228,374
Copper	29	5,702	2.17	12,374	2.50	30,935
Iprodione	15	2,949	0.66	1,947	49.00	95,385
Mancozeb	38	7,472	1.73	12,926	3.46	44,726
Mefenoxam	5	983	0.15	147	189.00	27,872
<i>Wisconsin</i>						
Azoxystrobin	5	100	0.30	30	134.00	4,038
Chlorothalonil	31	623	4.14	2,578	7.00	18,048
Copper	85	1,708	0.65	1,110	2.50	2,775
Iprodione	20	402	1.00	402	49.00	19,688
Mancozeb	95	1,909	11.00	20,994	3.46	72,639
Mefenoxam	10	201	0.25	50	189.00	9,493

Table 29.2
Papaya
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Hawaii</i>						
Mancozeb	100	2,837	38.25	108,515	3.46	375,463

Table 30.2
Parsley
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>California</i>						
Azoxystrobin	30	558	0.29	162	134.00	21,696

Table 31.2
Peaches
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Alabama</i>						
Captan	50	2,021	12.50	25,263	5.75	145,259
Chlorothalonil	35	1,415	2.50	3,537	7.00	24,757
Ferbam	60	2,425	2.80	6,791	5.50	37,348
Propiconazole	75	3,032	0.42	1,273	96.60	122,994
Sulfur	75	3,032	36.00	109,134	0.40	43,654
<i>Arkansas</i>						
Azoxystrobin	60	1,025	0.20	205	134.00	27,465
Benomyl	40	683	0.53	362	30.00	10,863
Captan	60	1,025	15.00	15,372	5.75	88,389
Chlorothalonil	60	1,025	2.16	2,214	7.00	15,495
Copper	100	1,708	3.57	6,098	2.50	15,244
Fenbuconazole	25	427	0.17	73	96.30	6,990
Ferbam	50	854	2.88	2,460	5.50	13,527
Iprodione	40	683	0.90	615	49.00	30,129
Propiconazole	95	1,623	0.42	681	96.60	65,832
Sulfur	95	1,623	37.00	60,036	0.40	24,014
Thiophanate Methyl	100	1,708	1.52	2,596	21.45	55,688
<i>California</i>						
Azoxystrobin	2	1,865	0.18	336	134.00	44,987
Captan	1	933	2.43	2,266	5.75	13,030
Chlorothalonil	5	4,663	1.80	8,393	7.00	58,752
Copper	76	70,875	8.65	613,072	2.50	1,532,679
Cyprodinil	34	31,707	0.18	5,707	70.00	399,513
Fenbuconazole	10	9,326	0.09	839	96.30	80,826
Iprodione	35	32,640	0.54	17,626	49.00	863,653
Myclobutanil	12	11,191	0.16	1,791	170.25	304,838
Propiconazole	30	27,977	0.09	2,518	96.60	243,233
Sulfur	68	63,415	17.10	1,084,392	0.40	433,757
Tebuconazole	22	20,517	0.17	3,488	94.10	328,203
Thiophanate Methyl	3	2,798	0.59	1,651	21.45	35,406
Ziram	26	24,247	5.58	135,297	3.37	455,952

Table 31.2
Peaches
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Connecticut</i>						
Captan	77	357	6.69	2,390	5.75	13,744
Chlorothalonil	29	135	5.13	690	7.00	4,832
Copper	41	190	2.46	468	2.50	1,170
Fenbuconazole	48	223	0.18	40	96.30	3,861
Sulfur	60	278	19.17	5,337	0.40	2,135
<i>Georgia</i>						
Azoxystrobin	10	1,324	0.20	265	134.00	35,489
Benomyl	8	1,059	0.72	763	30.00	22,882
Captan	34	4,502	2.61	11,751	5.75	67,568
Chlorothalonil	65	8,607	2.11	18,161	7.00	127,130
Copper	30	3,973	3.57	14,182	2.50	35,455
Fenbuconazole	8	1,059	0.11	117	96.30	11,222
Ferbam	30	3,973	2.80	11,123	5.50	61,178
Oxytetracycline	30	3,973	0.40	1,589	73.00	116,000
Propiconazole	83	10,991	0.17	1,868	96.60	180,492
Sulfur	99	13,110	37.90	496,853	0.40	198,741
Thiophanate Methyl	1	132	1.10	146	21.45	3,124
Ziram	17	2,251	3.27	7,361	3.37	24,807
<i>Idaho</i>						
Captan	6	60	5.10	307	5.75	1,763
Chlorothalonil	50	501	2.67	1,338	7.00	9,364
Copper	62	621	3.89	2,417	2.50	6,042
Myclobutanil	50	501	0.24	120	170.25	20,471
Propiconazole	15	150	0.18	27	96.60	2,613
Sulfur	75	752	30.67	23,049	0.40	9,219
<i>Illinois</i>						
Captan	50	1,233	8.00	9,864	5.75	56,718
Chlorothalonil	60	1,480	2.16	3,196	7.00	22,372
Copper	40	986	2.28	2,249	2.50	5,622
Fenbuconazole	70	1,726	0.25	432	96.30	41,558
Myclobutanil	12	296	0.20	59	170.25	10,076
Sulfur	90	2,219	54.00	119,848	0.40	47,939

Table 31.2
Peaches
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Indiana</i>						
Captan	50	283	8.00	2,260	5.75	12,995
Chlorothalonil	60	339	2.16	732	7.00	5,126
Copper	40	226	2.28	515	2.50	1,288
Fenbuconazole	70	396	0.25	99	96.30	9,522
Sulfur	90	509	54.00	27,459	0.40	10,984
<i>Kentucky</i>						
Captan	50	301	8.00	2,408	5.75	13,846
Chlorothalonil	60	361	2.16	780	7.00	5,461
Copper	25	151	4.00	602	2.50	1,505
Fenbuconazole	70	421	0.25	105	96.30	10,145
Sulfur	90	542	54.00	29,257	0.40	11,703
<i>Louisiana</i>						
Azoxystrobin	60	269	0.20	54	134.00	7,220
Captan	60	269	15.00	4,041	5.75	23,236
Chlorothalonil	60	269	2.16	582	7.00	4,073
Copper	100	449	3.57	1,603	2.50	4,007
Ferbam	50	225	3.00	674	5.50	3,704
Iprodione	40	180	0.90	162	49.00	7,920
Sulfur	95	427	37.00	15,782	0.40	6,313
<i>Maryland</i>						
Captan	85	1,045	3.15	3,291	5.75	18,921
Chlorothalonil	61	750	2.57	1,927	7.00	13,487
Copper	18	221	3.86	854	2.50	2,135
Fenbuconazole	43	528	0.19	100	96.30	9,669
Myclobutanil	9	111	0.16	18	170.25	3,013
Oxytetracycline	12	147	0.37	55	73.00	3,983
Propiconazole	31	381	0.23	88	96.60	8,465
Sulfur	58	713	16.58	11,819	0.40	4,727
Tebuconazole	16	197	0.18	35	94.10	3,331
Thiophanate Methyl	40	492	1.10	541	21.45	11,599

Table 31.2
Peaches
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Massachusetts</i>						
Captan	77	328	6.69	2,194	5.75	12,618
Chlorothalonil	29	124	5.13	634	7.00	4,436
Copper	43	183	3.89	713	2.50	1,781
Fenbuconazole	48	204	0.18	37	96.30	3,544
Sulfur	60	256	19.17	4,900	0.40	1,960
<i>Michigan</i>						
Benomyl	8	506	0.62	314	30.00	9,413
Captan	45	2,847	5.02	14,290	5.75	82,170
Chlorothalonil	16	1,012	2.78	2,814	7.00	19,697
Copper	40	2,530	2.28	5,769	2.50	14,423
Dodine	22	1,392	1.02	1,420	17.86	25,353
Fenbuconazole	82	5,187	0.27	1,401	96.30	134,876
Ferbam	7	443	3.82	1,692	5.50	9,304
Iprodione	4	253	0.79	200	49.00	9,795
Myclobutanil	12	759	0.20	152	170.25	25,848
Oxytetracycline	28	1,771	0.40	709	73.00	51,721
Propiconazole	27	1,708	0.18	307	96.60	29,699
Sulfur	78	4,934	26.45	130,512	0.40	52,205
Tebuconazole	11	696	0.50	348	94.10	32,740
Thiophanate Methyl	8	506	0.55	278	21.45	5,970
Ziram	16	1,012	3.93	3,978	3.37	13,405
<i>Missouri</i>						
Azoxystrobin	60	1,318	0.20	264	134.00	35,312
Captan	60	1,318	15.00	19,764	5.75	113,643
Chlorothalonil	60	1,318	2.16	2,846	7.00	19,922
Copper	100	2,196	3.57	7,840	2.50	19,599
Ferbam	50	1,098	3.00	3,294	5.50	18,117
Iprodione	40	878	0.90	791	49.00	38,737
Sulfur	95	2,086	37.00	77,189	0.40	30,876

Table 31.2
Peaches
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>New Jersey</i>						
Azoxystrobin	25	2,028	0.49	994	134.00	133,175
Benomyl	6	487	1.06	516	30.00	15,480
Captan	76	6,166	8.43	51,978	5.75	298,876
Chlorothalonil	49	3,975	2.21	8,786	7.00	61,499
Copper	85	6,896	0.23	1,586	2.50	3,965
Cyprodinil	20	1,623	0.47	763	70.00	53,384
Fenbuconazole	13	1,055	0.20	211	96.30	20,313
Myclobutanil	52	4,219	0.27	1,139	170.25	193,926
Oxytetracycline	41	3,326	0.76	2,528	73.00	184,545
Propiconazole	82	6,653	0.26	1,730	96.60	167,088
Sulfur	93	7,545	38.76	292,448	0.40	116,979
Tebuconazole	10	811	0.28	227	94.10	21,376
Thiophanate Methyl	8	649	1.18	766	21.45	16,428
Thiram	4	325	7.10	2,304	4.71	10,852
Ziram	45	3,651	2.89	10,551	3.37	35,557
<i>New York</i>						
Benomyl	16	378	0.95	359	30.00	10,780
Captan	77	1,820	6.69	12,178	5.75	70,022
Chlorothalonil	29	686	5.13	3,517	7.00	24,618
Copper	43	1,017	3.89	3,954	2.50	9,886
Fenbuconazole	48	1,135	0.18	204	96.30	19,669
Ferbam	9	213	2.73	581	5.50	3,195
Iprodione	6	142	1.50	213	49.00	10,425
Propiconazole	30	709	0.18	128	96.60	12,332
Sulfur	60	1,418	19.17	27,191	0.40	10,876

Table 31.2
Peaches
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>North Carolina</i>						
Benomyl	2	30	0.73	22	30.00	655
Captan	37	554	6.58	3,642	5.75	20,942
Chlorothalonil	17	254	5.05	1,284	7.00	8,990
Fenbuconazole	25	374	0.21	79	96.30	7,563
Ferbam	10	150	1.16	174	5.50	954
Iprodione	3	45	0.94	42	49.00	2,067
Oxytetracycline	1	15	2.25	34	73.00	2,457
Propiconazole	17	254	0.28	71	96.60	6,879
Sulfur	58	868	35.78	31,046	0.40	12,418
Thiophanate Methyl	5	75	1.10	82	21.45	1,765
<i>Ohio</i>						
Benomyl	5	79	0.50	40	30.00	1,187
Captan	50	791	8.00	6,328	5.75	36,386
Chlorothalonil	60	949	4.50	4,271	7.00	29,900
Copper	25	396	4.00	1,582	2.50	3,955
Fenbuconazole	70	1,107	0.25	277	96.30	26,661
Propiconazole	10	158	0.10	16	96.60	1,528
Sulfur	90	1,424	54.00	76,885	0.40	30,754
<i>Oklahoma</i>						
Azoxystrobin	1	12	0.13	2	134.00	215
Captan	10	124	2.00	247	5.75	1,423
Chlorothalonil	80	990	8.70	8,610	7.00	60,267
Copper	10	124	1.00	124	2.50	309
Fenbuconazole	1	12	0.12	1	96.30	143
Myclobutanil	10	124	0.16	20	170.25	3,370
Propiconazole	10	124	0.12	15	96.60	1,434
Sulfur	80	990	24.00	23,750	0.40	9,500
Tebuconazole	1	12	0.17	2	94.10	198
Thiophanate Methyl	5	62	0.80	49	21.45	1,061

Table 31.2
Peaches
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Oregon</i>						
Azoxystrobin	3	29	0.23	7	134.00	884
Benomyl	6	57	0.89	51	30.00	1,532
Captan	6	57	5.10	293	5.75	1,682
Chlorothalonil	50	478	2.67	1,276	7.00	8,934
Copper	100	956	6.27	5,994	2.50	14,985
Cyprodinil	20	191	0.21	40	70.00	2,811
Fenhexamid	20	191	1.26	241	62.00	14,937
Iprodione	50	478	1.00	478	49.00	23,422
Myclobutanil	20	191	0.12	23	170.25	3,906
Propiconazole	30	287	0.42	120	96.60	11,636
Sulfur	75	717	30.67	21,990	0.40	8,796
Tebuconazole	3	29	0.20	6	94.10	540
Ziram	80	765	4.65	3,556	3.37	11,985
<i>Pennsylvania</i>						
Benomyl	33	1,899	0.22	418	30.00	12,537
Captan	71	4,087	7.10	29,016	5.75	166,842
Chlorothalonil	61	3,511	2.57	9,024	7.00	63,166
Copper	18	1,036	2.89	2,994	2.50	7,486
Cyprodinil	5	288	0.17	49	70.00	3,425
Fenbuconazole	43	2,475	0.19	470	96.30	45,287
Ferbam	5	288	2.93	843	5.50	4,638
Iprodione	6	345	0.29	100	49.00	4,908
Myclobutanil	26	1,497	0.12	180	170.25	30,575
Oxytetracycline	12	691	0.37	256	73.00	18,656
Propiconazole	31	1,784	0.23	410	96.60	39,645
Sulfur	58	3,338	16.58	55,352	0.40	22,141
Tebuconazole	16	921	0.18	166	94.10	15,599
Thiophanate Methyl	27	1,554	0.78	1,212	21.45	26,002
Thiram	17	979	5.35	5,235	4.71	24,657
Ziram	7	403	5.35	2,156	3.37	7,264

Table 31.2
Peaches
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>South Carolina</i>						
Azoxystrobin	4	603	0.13	78	134.00	10,500
Benomyl	51	7,685	0.46	3,535	30.00	106,056
Captan	82	12,357	4.85	59,929	5.75	344,594
Chlorothalonil	7	1,055	2.59	2,732	7.00	19,124
Copper	13	1,959	2.05	4,016	2.50	10,040
Fenbuconazole	54	8,137	0.19	1,546	96.30	148,887
Ferbam	30	4,521	2.80	12,658	5.50	69,619
Oxytetracycline	7	1,055	0.38	401	73.00	29,261
Propiconazole	26	3,918	0.24	940	96.60	90,834
Sulfur	92	13,863	60.13	833,611	0.40	333,444
Thiophanate Methyl	34	5,123	1.10	5,636	21.45	120,888
Ziram	10	1,507	16.31	24,578	3.37	82,826
<i>Tennessee</i>						
Captan	50	367	8.00	2,936	5.75	16,882
Chlorothalonil	60	440	4.50	1,982	7.00	13,873
Copper	25	184	4.00	734	2.50	1,835
Fenbuconazole	70	514	0.25	128	96.30	12,370
Sulfur	90	661	54.00	35,672	0.40	14,269
<i>Texas</i>						
Azoxystrobin	5	308	0.20	62	134.00	8,252
Benomyl	14	862	0.72	621	30.00	18,622
Captan	30	1,847	2.00	3,695	5.75	21,245
Chlorothalonil	25	1,540	8.70	13,394	7.00	93,756
Copper	17	1,047	1.00	1,047	2.50	2,617
Dodine	2	123	0.18	22	17.86	396
Fenbuconazole	50	3,079	0.19	585	96.30	56,336
Propiconazole	65	4,003	0.20	801	96.60	77,332
Sulfur	75	4,619	24.00	110,844	0.40	44,338
Tebuconazole	5	308	0.18	55	94.10	5,215
Thiophanate Methyl	10	616	0.40	246	21.45	5,284

Table 31.2
Peaches
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Virginia</i>						
Benomyl	1	20	0.25	5	30.00	152
Captan	70	1,420	8.00	11,362	5.75	65,334
Chlorothalonil	20	406	4.50	1,826	7.00	12,783
Copper	20	406	3.20	1,299	2.50	3,246
Cyprodinil	2	41	0.23	9	70.00	653
Fenbuconazole	85	1,725	0.19	328	96.30	31,556
Fenhexamid	3	61	0.60	37	62.00	2,264
Ferbam	3	61	3.00	183	5.50	1,004
Iprodione	5	101	1.00	101	49.00	4,971
Myclobutanil	3	61	0.13	8	170.25	1,347
Oxytetracycline	5	101	1.50	152	73.00	11,109
Propiconazole	5	101	0.22	22	96.60	2,156
Sulfur	90	1,826	30.00	54,783	0.40	21,913
Tebuconazole	5	101	0.27	27	94.10	2,578
Thiophanate Methyl	40	812	1.10	893	21.45	19,150
Thiram	3	61	6.00	365	4.71	1,720
Ziram	80	1,623	13.70	22,238	3.37	74,942
<i>Washington</i>						
Captan	6	202	2.32	468	5.75	2,689
Chlorothalonil	8	269	3.73	1,002	7.00	7,016
Copper	62	2,083	3.89	8,101	2.50	20,253
Myclobutanil	50	1,680	0.24	403	170.25	68,624
Propiconazole	15	504	0.18	91	96.60	8,761
Sulfur	84	2,822	17.14	48,362	0.40	19,345
<i>West Virginia</i>						
Captan	70	930	10.00	9,303	5.75	53,492
Chlorothalonil	30	399	5.00	1,994	7.00	13,955
Fenbuconazole	40	532	0.18	96	96.30	9,215
Ferbam	40	532	3.80	2,020	5.50	11,110
Propiconazole	40	532	0.21	112	96.60	10,784
Sulfur	60	797	57.00	45,452	0.40	18,181
Tebuconazole	20	266	0.28	74	94.10	7,003
Thiophanate Methyl	40	532	1.12	595	21.45	12,771

Table 31.2
Peaches
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
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Table 32.2
Peanuts
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Alabama</i>						
Azoxystrobin	15	26,459	0.20	5,292	134.00	709,108
Chlorothalonil	90	158,756	3.50	555,644	7.00	3,889,510
Flutolanil	5	8,820	1.20	10,584	29.80	315,394
Propiconazole	25	44,099	0.10	4,410	96.60	425,994
Pyraclostrobin	13	22,931	0.36	8,255	59.00	487,062
Tebuconazole	37	65,266	0.49	31,980	94.10	3,009,357
Trifloxystrobin	10	17,640	0.13	2,293	185.60	425,606
<i>Florida</i>						
Azoxystrobin	20	15,292	0.30	4,588	134.00	614,730
Chlorothalonil	99	75,694	5.00	378,472	7.00	2,649,304
PCNB	1	765	5.00	3,823	7.28	27,831
Pyraclostrobin	20	15,292	0.37	5,658	59.00	333,820
Sulfur	10	7,646	5.00	38,230	0.40	15,292
Tebuconazole	48	36,700	0.25	9,175	94.10	863,375
Trifloxystrobin	9	6,881	0.11	757	185.60	140,489
<i>Georgia</i>						
Azoxystrobin	20	93,542	0.60	56,125	134.00	7,520,809
Chlorothalonil	92	430,295	3.25	1,398,459	7.00	9,789,212
Copper	4	18,708	1.00	18,708	2.50	46,771
Flutolanil	8	37,417	1.20	44,900	29.80	1,338,030
Propiconazole	18	84,188	0.13	10,944	96.60	1,057,235
Pyraclostrobin	24	112,251	0.28	31,430	59.00	1,854,385
Sulfur	1	4,677	4.00	18,708	0.40	7,483
Tebuconazole	55	257,242	0.50	128,621	94.10	12,103,217
Trifloxystrobin	2	9,354	0.13	1,216	185.60	225,699
<i>New Mexico</i>						
Azoxystrobin	5	765	0.60	459	134.00	61,502
Chlorothalonil	25	3,825	1.70	6,502	7.00	45,515
Mefenoxam	5	765	0.50	382	189.00	72,288
Propiconazole	3	459	0.15	69	96.60	6,650
Tebuconazole	18	2,754	0.27	744	94.10	69,966

Table 32.2
Peanuts
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>North Carolina</i>						
Azoxystrobin	10	10,065	0.60	6,039	134.00	809,226
Chlorothalonil	65	65,423	1.80	117,761	7.00	824,324
Fluazinam	10	10,065	0.50	5,033	94.00	473,055
Flutolanil	10	10,065	1.40	14,091	29.80	419,912
Propiconazole	10	10,065	0.16	1,610	96.60	155,565
Pyraclostrobin	42	42,273	0.26	10,991	59.00	648,468
Sulfur	12	12,078	1.58	19,083	0.40	7,633
Tebuconazole	82	82,533	0.41	33,839	94.10	3,184,206
<i>Oklahoma</i>						
Chlorothalonil	25	13,348	1.70	22,691	7.00	158,835
Fluazinam	10	5,339	0.50	2,670	94.00	250,933
Mefenoxam	5	2,670	0.50	1,335	189.00	252,268
Propiconazole	3	1,602	0.15	240	96.60	23,209
Tebuconazole	18	9,610	0.27	2,595	94.10	244,166
<i>South Carolina</i>						
Azoxystrobin	50	5,172	0.40	2,069	134.00	277,219
Chlorothalonil	100	10,344	2.25	23,274	7.00	162,918
Flutolanil	10	1,034	1.40	1,448	29.80	43,155
Propiconazole	100	10,344	0.06	621	96.60	59,954
Pyraclostrobin	50	5,172	0.40	2,069	59.00	122,059
Tebuconazole	90	9,310	0.40	3,724	94.10	350,413

Table 32.2
Peanuts
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Texas</i>						
Azoxystrobin	5	12,971	0.60	7,783	134.00	1,042,864
Chlorothalonil	25	64,855	1.70	110,253	7.00	771,772
Copper	2	5,188	1.00	5,188	2.50	12,971
Fluazinam	10	25,942	0.50	12,971	94.00	1,219,269
Mancozeb	2	5,188	1.00	5,188	3.46	17,952
Mefenoxam	5	12,971	0.50	6,485	189.00	1,225,755
PCNB	1	2,594	5.00	12,971	7.28	94,429
Propiconazole	10	25,942	0.15	3,891	96.60	375,898
Pyraclostrobin	18	46,695	0.24	11,207	59.00	661,207
Sulfur	2	5,188	5.00	25,942	0.40	10,377
Tebuconazole	18	46,695	0.27	12,608	94.10	1,186,391
Thiophanate Methyl	1	2,594	1.47	3,813	21.45	81,799
<i>Virginia</i>						
Azoxystrobin	10	5,737	0.20	1,147	134.00	153,760
Chlorothalonil	98	56,226	2.00	112,451	7.00	787,158
Copper	4	2,295	1.50	3,442	2.50	8,606
Fluazinam	40	22,949	0.50	11,475	94.00	1,078,612
Flutolanil	10	5,737	1.40	8,032	29.80	239,360
Propiconazole	70	40,161	0.06	2,410	96.60	232,774
Sulfur	1	574	3.00	1,721	0.40	688
Tebuconazole	80	45,898	0.40	18,359	94.10	1,727,616

Table 33.2
Pears
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>California</i>						
Benomyl	11	2,238	0.78	1,746	30.00	52,378
Copper	30	6,105	4.15	25,335	2.50	63,336
Cyprodinil	17	3,459	0.23	796	70.00	55,695
Dodine	11	2,238	2.06	4,611	17.86	82,354
Fenarimol	12	2,442	0.09	220	210.00	46,152
Fosetyl-AL	1	203	3.59	731	15.75	11,506
Mancozeb	40	8,140	4.97	40,454	3.46	139,970
Oxytetracycline	76	15,465	0.79	12,218	73.00	891,880
Streptomycin	61	12,413	0.23	2,855	71.00	202,702
Sulfur	50	10,175	17.37	176,731	0.40	70,692
Triadimefon	2	407	0.04	16	141.40	2,302
Trifloxystrobin	44	8,954	0.09	806	185.60	149,560
Triflumizole	4	814	0.35	285	105.00	29,913
Ziram	21	4,273	7.62	32,562	3.37	109,736
<i>Michigan</i>						
Benomyl	15	169	0.53	90	30.00	2,690
Captan	8	90	10.51	948	5.75	5,453
Copper	9	102	3.64	370	2.50	924
Fenarimol	24	271	0.11	30	210.00	6,254
Ferbam	58	654	4.49	2,938	5.50	16,156
Mancozeb	49	553	6.70	3,703	3.46	12,813
Metiram	6	68	8.03	543	3.06	1,663
Streptomycin	82	925	0.39	361	71.00	25,612
Sulfur	39	440	9.82	4,320	0.40	1,728
Ziram	42	474	10.00	4,738	3.37	15,966
<i>New York</i>						
Benomyl	12	238	0.58	138	30.00	4,147
Captan	11	218	3.15	688	5.75	3,957
Copper	42	834	2.92	2,436	2.50	6,089
Fenarimol	8	159	0.11	17	210.00	3,670
Mancozeb	71	1,410	4.45	6,275	3.46	21,711
Streptomycin	41	814	0.51	415	71.00	29,484
Ziram	30	596	5.21	3,104	3.37	10,461

Table 33.2
Pears
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Oregon</i>						
Benomyl	9	1,803	0.59	1,064	30.00	31,916
Copper	45	9,016	3.56	32,096	2.50	80,240
Dodine	16	3,206	1.46	4,680	17.86	83,588
Kresoxim	4	801	0.14	112	203.00	22,776
Mancozeb	95	19,033	8.37	159,308	3.46	551,207
Oxytetracycline	53	10,619	0.36	3,823	73.00	279,055
Streptomycin	28	5,610	0.19	1,066	71.00	75,676
Sulfur	90	18,032	20.06	361,712	0.40	144,685
Triadimefon	10	2,004	0.25	501	141.40	70,824
Trifloxystrobin	30	6,011	0.08	481	185.60	89,244
Triflumizole	57	11,420	0.35	3,997	105.00	419,683
Ziram	60	12,021	5.61	67,438	3.37	227,265
<i>Pennsylvania</i>						
Benomyl	81	1,042	1.18	1,230	30.00	36,903
Fenarimol	3	39	0.23	9	210.00	1,865
Mancozeb	76	978	4.13	4,040	3.46	13,977
Streptomycin	82	1,055	0.39	412	71.00	29,222
Ziram	86	1,107	5.11	5,656	3.37	19,060
<i>Washington</i>						
Copper	34	10,533	3.74	39,393	2.50	98,482
Dodine	4	1,239	1.15	1,425	17.86	25,451
Fenarimol	2	620	0.10	62	210.00	13,011
Kresoxim	1	310	0.21	65	203.00	13,206
Mancozeb	16	4,957	7.77	38,513	3.46	133,255
Oxytetracycline	43	13,321	0.38	5,062	73.00	369,524
Streptomycin	7	2,169	0.21	455	71.00	32,333
Sulfur	38	11,772	18.94	222,962	0.40	89,185
Triadimefon	5	1,549	0.22	341	141.40	48,185
Trifloxystrobin	1	310	0.06	19	185.60	3,450
Triflumizole	33	10,223	0.33	3,374	105.00	354,229
Ziram	23	7,125	5.00	35,626	3.37	120,059

Table 34.2
Pecans
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Alabama</i>						
Fenbuconazole	40	8,906	0.21	1,870	96.30	180,114
Propiconazole	10	2,227	0.30	668	96.60	64,527
Triphenyltin Hyd	80	17,813	0.50	8,906	28.00	249,379
<i>Arkansas</i>						
Fenbuconazole	10	1,070	0.21	225	96.30	21,647
Propiconazole	60	6,422	0.30	1,927	96.60	186,121
Triphenyltin Hyd	60	6,422	0.50	3,211	28.00	89,914
<i>Florida</i>						
Fenbuconazole	80	6,900	0.21	1,449	96.30	139,539
Propiconazole	10	863	0.30	259	96.60	24,995
Thiophanate Methyl	10	863	0.80	690	21.45	14,801
Triphenyltin Hyd	31	2,674	1.18	3,155	28.00	88,341
<i>Georgia</i>						
Dodine	5	6,428	2.65	17,033	17.86	304,207
Fenbuconazole	20	25,710	0.21	5,399	96.30	519,933
Propiconazole	80	102,840	0.20	20,568	96.60	1,986,869
Sulfur	5	6,428	12.00	77,130	0.40	30,852
Triphenyltin Hyd	95	122,123	0.50	61,061	28.00	1,709,715
<i>Louisiana</i>						
Azoxystrobin	20	2,605	0.42	1,094	134.00	146,621
Fenbuconazole	80	10,421	0.21	2,188	96.30	210,740
Propiconazole	80	10,421	0.20	2,084	96.60	201,330
Triphenyltin Hyd	80	10,421	0.50	5,210	28.00	145,891
<i>Mississippi</i>						
Dodine	5	644	2.60	1,673	17.86	29,884
Fenbuconazole	50	6,436	0.21	1,351	96.30	130,145
Propiconazole	50	6,436	0.30	1,931	96.60	186,501
Sulfur	10	1,287	8.00	10,297	0.40	4,119
Triphenyltin Hyd	90	11,584	0.50	5,792	28.00	162,175
<i>Oklahoma</i>						
Azoxystrobin	10	8,574	0.42	3,601	134.00	482,545
Fenbuconazole	10	8,574	0.21	1,801	96.30	173,392
Propiconazole	14	12,004	0.22	2,641	96.60	255,101
Triphenyltin Hyd	10	8,574	0.50	4,287	28.00	120,036

Table 34.2
Pecans
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Other States</i>						
	0	0	0.00	0		
<i>Texas</i>						
Azoxystrobin	10	18,072	0.51	9,217	134.00	1,235,034
Fenbuconazole	20	36,144	0.21	7,590	96.30	730,936
Propiconazole	80	144,575	0.30	43,373	96.60	4,189,789
Thiophanate Methyl	5	9,036	0.80	7,229	21.45	155,057
Triphenyltin Hyd	50	90,360	0.50	45,180	28.00	1,265,033

Table 35.2
Pistachios
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>California</i>						
Azoxystrobin	39	47,409	0.24	11,378	134.00	1,524,679
Benomyl	23	27,959	0.60	16,776	30.00	503,267
Chlorothalonil	6	7,294	2.74	19,985	7.00	139,894
Copper	2	2,431	2.37	5,762	2.50	14,405
Sulfur	51	61,997	8.73	541,230	0.40	216,492

Table 36.2
Plums and Prunes
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>California</i>						
Captan	22	31,129	2.13	66,304	5.75	381,249
Chlorothalonil	3	4,245	2.29	9,721	7.00	68,044
Copper	18	25,469	4.83	123,015	2.50	307,537
Cyprodinil	13	18,394	0.17	3,127	70.00	218,891
Iprodione	8	11,320	0.45	5,094	49.00	249,595
Myclobutanil	5	7,075	0.13	920	170.25	156,581
Propiconazole	19	26,884	0.09	2,420	96.60	233,728
Sulfur	21	29,714	8.86	263,264	0.40	105,305
Thiophanate Methyl	1	1,415	0.74	1,047	21.45	22,459

Table 37.2
Potatoes
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Alabama</i>						
Chlorothalonil	50	1,371	4.00	5,484	7.00	38,388
Mancozeb	25	686	4.50	3,085	3.46	10,673
Maneb	25	686	4.50	3,085	3.37	10,396
Mefenoxam	20	548	0.50	274	189.00	51,824
<i>Arizona</i>						
Copper	5	384	0.20	77	2.50	192
Mancozeb	100	7,679	1.24	9,522	3.46	32,946
<i>California</i>						
Azoxystrobin	25	12,054	0.24	2,893	134.00	387,665
Chlorothalonil	48	23,144	2.27	52,537	7.00	367,761
Copper	14	6,750	2.17	14,648	2.50	36,621
Cymoxanil	23	11,090	0.14	1,553	59.00	91,603
Iprodione	3	1,447	0.74	1,070	49.00	52,450
Mancozeb	52	25,073	2.19	54,910	3.46	189,987
Maneb	9	4,340	2.89	12,541	3.37	42,264
Mefenoxam	20	9,643	0.13	1,254	189.00	236,938
PCNB	1	482	2.22	1,070	7.28	7,793
Sulfur	1	482	13.68	6,596	0.40	2,638
Thiophanate Methyl	1	482	0.35	166	21.45	3,568
<i>Colorado</i>						
Azoxystrobin	47	37,111	0.25	9,278	134.00	1,243,209
Chlorothalonil	42	33,163	1.40	46,428	7.00	324,995
Copper	18	14,213	1.80	25,583	2.50	63,957
Cymoxanil	10	7,896	0.17	1,342	59.00	79,196
Dimethomorph	1	790	0.30	237	39.40	9,333
Flutolanil	7	5,527	0.28	1,548	29.80	46,118
Mancozeb	27	21,319	1.68	35,816	3.46	123,923
Maneb	19	15,002	2.00	30,004	3.37	101,115
Mefenoxam	14	11,054	0.15	1,658	189.00	313,388
Sulfur	20	15,792	2.20	34,742	0.40	13,897
Triphenyltin Hyd	39	30,794	0.38	11,702	28.00	327,648

Table 37.2
Potatoes
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Delaware</i>						
Chlorothalonil	1	55	1.50	82	7.00	573
Mancozeb	100	3,897	6.00	23,382	3.46	80,902
Mefenoxam	25	974	0.20	195	189.00	36,827
Triphenyltin Hyd	5	195	0.38	74	28.00	2,073
<i>Idaho</i>						
Azoxystrobin	26	94,700	0.15	14,205	134.00	1,903,461
Chlorothalonil	29	105,626	1.52	160,552	7.00	1,123,865
Copper	7	25,496	0.90	22,946	2.50	57,366
Cymoxanil	6	21,854	0.15	3,278	59.00	193,406
Fluazinam	19	69,204	0.33	22,837	94.00	2,146,693
Flutolanil	7	25,496	0.28	7,139	29.80	212,739
Mancozeb	43	156,618	1.88	294,443	3.46	1,018,772
Maneb	4	14,569	1.70	24,768	3.37	83,467
Mefenoxam	11	40,065	0.19	7,612	189.00	1,438,741
PCNB	3	10,927	1.07	11,692	7.28	85,116
Pyraclostrobin	13	47,350	0.13	6,155	59.00	363,173
Triphenyltin Hyd	7	25,496	0.16	4,079	28.00	114,222
<i>Illinois</i>						
Chlorothalonil	80	5,460	5.00	27,300	7.00	191,100
Copper	50	3,413	6.50	22,181	2.50	55,453
Mancozeb	100	6,825	4.00	27,300	3.46	94,458
Mefenoxam	10	683	0.45	307	189.00	58,047
<i>Indiana</i>						
Azoxystrobin	80	1,993	0.10	199	134.00	26,704
Chlorothalonil	100	2,491	4.00	9,964	7.00	69,748
Copper	50	1,246	6.50	8,096	2.50	20,239
Mancozeb	100	2,491	4.50	11,210	3.46	38,785
Mefenoxam	10	249	0.45	112	189.00	21,186

Table 37.2
Potatoes
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Maine</i>						
Azoxystrobin	5	3,224	0.10	322	134.00	43,198
Chlorothalonil	70	45,132	3.63	163,828	7.00	1,146,799
Copper	9	5,803	1.19	6,905	2.50	17,263
Cymoxanil	4	2,579	0.15	387	59.00	22,824
Mancozeb	87	56,092	6.38	357,869	3.46	1,238,228
Maneb	9	5,803	3.93	22,804	3.37	76,851
Mefenoxam	6	3,868	0.17	658	189.00	124,293
Metiram	6	3,868	4.68	18,104	3.06	55,399
Pyraclostrobin	5	3,224	0.13	419	59.00	24,726
Triphenyltin Hyd	13	8,382	0.14	1,173	28.00	32,856
<i>Maryland</i>						
Azoxystrobin	20	608	0.20	122	134.00	16,284
Chlorothalonil	30	911	2.40	2,187	7.00	15,312
Mancozeb	80	2,430	1.60	3,889	3.46	13,455
Mefenoxam	10	304	0.34	103	189.00	19,522
Metiram	15	456	3.76	1,713	3.06	5,243
Triphenyltin Hyd	5	152	0.25	38	28.00	1,063
<i>Massachusetts</i>						
Chlorothalonil	90	2,898	7.00	20,286	7.00	142,002
Mancozeb	10	322	3.00	966	3.46	3,342
Maneb	8	258	3.00	773	3.37	2,604
Mefenoxam	30	966	0.14	135	189.00	25,560
<i>Michigan</i>						
Azoxystrobin	43	19,711	0.18	3,548	134.00	475,434
Chlorothalonil	83	38,047	6.14	233,610	7.00	1,635,269
Copper	4	1,834	3.00	5,501	2.50	13,752
Cymoxanil	4	1,834	0.27	495	59.00	29,209
Fluazinam	15	6,876	0.33	2,269	94.00	213,294
Mancozeb	71	32,546	3.87	125,955	3.46	435,803
Mefenoxam	36	16,502	0.26	4,291	189.00	810,928
Propamocarb	4	1,834	1.80	3,300	13.00	42,906
Pyraclostrobin	6	2,750	0.12	330	59.00	19,473
Triphenyltin Hyd	32	14,669	0.15	2,200	28.00	61,609

Table 37.2
Potatoes
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Minnesota</i>						
Azoxystrobin	35	20,337	0.29	5,898	134.00	790,313
Chlorothalonil	66	38,351	4.30	164,908	7.00	1,154,354
Copper	20	11,621	1.94	22,546	2.50	56,364
Cymoxanil	21	12,202	0.15	1,830	59.00	107,992
Dimethomorph	5	2,905	0.22	639	39.40	25,184
Flutolanil	7	4,067	0.28	1,139	29.80	33,939
Mancozeb	66	38,351	5.42	207,860	3.46	719,197
Maneb	10	5,811	3.34	19,408	3.37	65,404
Mefenoxam	30	17,432	0.45	7,844	189.00	1,482,600
Metiram	19	11,040	7.28	80,374	3.06	245,943
Propamocarb	10	5,811	0.84	4,881	13.00	63,453
Triphenyltin Hyd	15	8,716	0.36	3,138	28.00	87,858
Zoxamide	14	8,135	0.21	1,708	60.00	102,501
<i>Missouri</i>						
Azoxystrobin	11	578	0.11	64	134.00	8,522
Chlorothalonil	32	1,682	1.17	1,968	7.00	13,775
Mancozeb	56	2,943	1.56	4,592	3.46	15,887
<i>Montana</i>						
Chlorothalonil	100	10,479	4.00	41,916	7.00	293,412
Copper	60	6,287	4.00	25,150	2.50	62,874
Mancozeb	40	4,192	2.00	8,383	3.46	29,006
Mefenoxam	20	2,096	0.36	754	189.00	142,598
Triphenyltin Hyd	10	1,048	0.38	398	28.00	11,150
<i>Nebraska</i>						
Azoxystrobin	27	5,956	0.11	655	134.00	87,790
Chlorothalonil	95	20,956	1.20	25,147	7.00	176,031
Copper	2	441	1.20	529	2.50	1,324
Cymoxanil	10	2,206	0.17	375	59.00	22,125
Mancozeb	95	20,956	2.00	41,912	3.46	145,016
Mefenoxam	20	4,412	0.30	1,324	189.00	250,149
Triphenyltin Hyd	42	9,265	0.23	2,131	28.00	59,665

Table 37.2
Potatoes
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Nevada</i>						
Azoxystrobin	86	6,542	0.11	720	134.00	96,429
Chlorothalonil	88	6,694	4.00	26,777	7.00	187,436
Copper	45	3,423	1.40	4,792	2.50	11,981
Mancozeb	7	532	4.30	2,290	3.46	7,922
Maneb	10	761	1.30	989	3.37	3,333
Mefenoxam	7	532	0.20	106	189.00	20,128
Metiram	75	5,705	4.40	25,103	3.06	76,815
PCNB	1	76	5.00	380	7.28	2,769
Triphenyltin Hyd	65	4,945	0.32	1,582	28.00	44,303
<i>New Jersey</i>						
Azoxystrobin	50	1,476	0.20	295	134.00	39,543
Chlorothalonil	10	295	2.25	664	7.00	4,648
Mancozeb	100	2,951	11.00	32,461	3.46	112,315
Mefenoxam	30	885	0.20	177	189.00	33,464
<i>New York</i>						
Azoxystrobin	40	8,838	0.20	1,768	134.00	236,848
Chlorothalonil	50	11,047	3.22	35,571	7.00	248,999
Copper	10	2,209	1.21	2,673	2.50	6,683
Cymoxanil	3	663	0.24	159	59.00	9,386
Mancozeb	50	11,047	12.00	132,564	3.46	458,671
Maneb	20	4,419	6.00	26,513	3.37	89,348
Mefenoxam	1	221	0.14	31	189.00	5,846
Metiram	10	2,209	6.80	15,024	3.06	45,973
Triphenyltin Hyd	5	1,105	0.23	254	28.00	7,114
<i>North Carolina</i>						
Chlorothalonil	40	7,800	0.90	7,020	7.00	49,140
Mancozeb	40	7,800	11.00	85,800	3.46	296,868

Table 37.2
Potatoes
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>North Dakota</i>						
Azoxystrobin	27	28,449	0.11	3,129	134.00	419,340
Chlorothalonil	80	84,294	8.12	684,464	7.00	4,791,248
Cymoxanil	7	7,376	0.11	811	59.00	47,868
Flutolanil	7	7,376	0.28	2,065	29.80	61,543
Mancozeb	79	83,240	5.81	483,624	3.46	1,673,339
Mefenoxam	17	17,912	0.13	2,329	189.00	440,107
Pyraclostrobin	29	30,556	0.22	6,722	59.00	396,622
Triphenyltin Hyd	19	20,020	0.35	7,007	28.00	196,193
Zoxamide	14	14,751	0.21	3,098	60.00	185,867
<i>Ohio</i>						
Chlorothalonil	100	4,865	6.00	29,190	7.00	204,330
Copper	30	1,460	6.50	9,487	2.50	23,717
Mancozeb	100	4,865	4.50	21,893	3.46	75,748
Mefenoxam	15	730	0.45	328	189.00	62,065
<i>Oregon</i>						
Azoxystrobin	44	21,044	0.23	4,840	134.00	648,586
Chlorothalonil	68	32,523	2.06	66,997	7.00	468,982
Copper	15	7,174	0.89	6,385	2.50	15,963
Cymoxanil	8	3,826	0.21	804	59.00	47,407
Flutolanil	30	14,348	0.32	4,591	29.80	136,826
Mancozeb	82	39,219	2.10	82,360	3.46	284,965
Mefenoxam	35	16,740	0.20	3,348	189.00	632,764
PCNB	3	1,435	1.07	1,535	7.28	11,177
Pyraclostrobin	7	3,348	0.20	670	59.00	39,506
Sulfur	23	11,000	4.65	51,152	0.40	20,461
Triphenyltin Hyd	8	3,826	0.14	536	28.00	14,999

Table 37.2
Potatoes
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Pennsylvania</i>						
Azoxystrobin	16	1,775	0.14	249	134.00	33,300
Chlorothalonil	57	6,324	2.48	15,682	7.00	109,777
Copper	9	998	1.19	1,188	2.50	2,970
Cymoxanil	17	1,886	0.18	339	59.00	20,029
Mancozeb	89	9,874	7.06	69,708	3.46	241,190
Mefenoxam	14	1,553	0.23	357	189.00	67,516
Metiram	11	1,220	5.49	6,700	3.06	20,501
<i>South Dakota</i>						
Chlorothalonil	100	967	1.33	1,286	7.00	9,003
Mancozeb	20	193	2.00	387	3.46	1,338
Maneb	20	193	1.20	232	3.37	782
Mefenoxam	20	193	0.30	58	189.00	10,966
Triphenyltin Hyd	20	193	0.38	73	28.00	2,058
<i>Utah</i>						
Chlorothalonil	25	187	1.00	187	7.00	1,311
Mancozeb	25	187	1.00	187	3.46	648
Maneb	5	37	1.00	37	3.37	126
<i>Virginia</i>						
Azoxystrobin	40	2,310	0.30	693	134.00	92,846
Chlorothalonil	60	3,464	3.50	12,125	7.00	84,878
Flutolanil	60	3,464	0.30	1,039	29.80	30,972
Mancozeb	100	5,774	3.00	17,322	3.46	59,934
Maneb	20	1,155	1.50	1,732	3.37	5,838
Mefenoxam	90	5,197	0.40	2,079	189.00	392,863
Thiophanate Methyl	20	1,155	0.48	554	21.45	11,890

Table 37.2
Potatoes
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Washington</i>						
Azoxystrobin	27	43,016	0.19	8,173	134.00	1,095,177
Chlorothalonil	62	98,777	2.41	238,051	7.00	1,666,360
Copper	10	15,932	1.65	26,287	2.50	65,718
Cymoxanil	12	19,118	0.14	2,677	59.00	157,915
Fluazinam	67	106,742	0.37	39,495	94.00	3,712,500
Flutolanil	7	11,152	0.28	3,123	29.80	93,054
Iprodione	39	62,134	0.91	56,542	49.00	2,770,539
Mancozeb	83	132,233	4.32	571,247	3.46	1,976,515
Mefenoxam	17	27,084	0.35	9,479	189.00	1,791,599
Metiram	9	14,339	5.41	77,571	3.06	237,369
PCNB	38	60,540	3.00	181,621	7.28	1,322,204
Pyraclostrobin	10	15,932	0.17	2,708	59.00	159,795
Sulfur	23	36,643	4.65	170,390	0.40	68,156
Triphenyltin Hyd	7	11,152	0.13	1,450	28.00	40,594
<i>Wisconsin</i>						
Azoxystrobin	78	62,659	0.23	14,412	134.00	1,931,149
Chlorothalonil	94	75,512	6.88	519,523	7.00	3,636,662
Copper	34	27,313	1.30	35,507	2.50	88,767
Cymoxanil	18	14,460	0.15	2,169	59.00	127,969
Dimethomorph	15	12,050	0.30	3,615	39.40	142,429
Flutolanil	7	5,623	0.28	1,575	29.80	46,920
Mancozeb	89	71,495	6.02	430,403	3.46	1,489,194
Mefenoxam	39	31,329	0.21	6,579	189.00	1,243,467
Pyraclostrobin	33	26,510	0.18	4,772	59.00	281,532
Triphenyltin Hyd	27	21,690	0.25	5,422	28.00	151,827
Zoxamide	27	21,690	0.35	7,591	60.00	455,482

Table 38.2
Raspberries
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>California</i>						
Copper	50	1,163	4.18	4,859	2.50	12,148
Iprodione	6	140	1.19	166	49.00	8,134
Mefenoxam	3	70	0.75	52	189.00	9,887
Myclobutanil	13	302	0.12	36	170.25	6,175
Sulfur	37	860	30.46	26,203	0.40	10,481
Triadimefon	13	302	0.22	66	141.40	9,402
<i>Oregon</i>						
Benomyl	28	995	0.47	467	30.00	14,023
Captan	55	1,954	1.46	2,852	5.75	16,400
Copper	27	959	3.00	2,877	2.50	7,193
Cyprodinil	50	1,776	0.42	746	70.00	52,214
Fenhexamid	15	533	1.11	591	62.00	36,667
Fludioxonil	50	1,776	0.28	497	38.35	19,071
Fosetyl-AL	2	71	2.20	156	15.75	2,462
Iprodione	23	817	2.59	2,116	49.00	103,680
Mefenoxam	35	1,243	1.29	1,604	189.00	303,105
Myclobutanil	11	391	0.04	16	170.25	2,661
Propiconazole	8	284	0.14	40	96.60	3,843
Sulfur	45	1,598	16.36	26,150	0.40	10,460
<i>Washington</i>						
Benomyl	20	2,009	0.50	1,005	30.00	30,135
Captan	93	9,342	6.56	61,283	5.75	352,375
Copper	48	4,822	1.00	4,822	2.50	12,054
Cyprodinil	79	7,936	0.80	6,348	70.00	444,391
Fenhexamid	65	6,529	1.02	6,660	62.00	412,910
Fludioxonil	79	7,936	0.53	4,206	38.35	161,294
Fosetyl-AL	2	201	2.20	442	15.75	6,961
Iprodione	8	804	0.63	506	49.00	24,807
Mefenoxam	8	804	1.11	892	189.00	168,587
Myclobutanil	28	2,813	0.06	169	170.25	28,731
Propiconazole	8	804	0.14	113	96.60	10,868
Sulfur	28	2,813	8.45	23,766	0.40	9,507

Table 39.2
Rice
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Arkansas</i>						
Azoxystrobin	26	391,720	0.15	58,758	134.00	7,873,570
Flutolanil	1	15,066	0.37	5,574	29.80	166,119
Propiconazole	35	527,315	0.14	73,824	96.60	7,131,411
Trifloxystrobin	11	165,728	0.13	21,545	185.60	3,998,677
<i>California</i>						
Azoxystrobin	18	95,637	0.17	16,258	134.00	2,178,600
<i>Louisiana</i>						
Azoxystrobin	30	161,555	0.20	32,311	134.00	4,329,685
Flutolanil	10	53,852	0.37	19,925	29.80	593,770
Propiconazole	20	107,704	0.14	15,079	96.60	1,456,583
Trifloxystrobin	20	107,704	0.20	21,541	185.60	3,997,958
<i>Mississippi</i>						
Azoxystrobin	15	35,017	0.20	7,003	134.00	938,457
Flutolanil	1	2,334	0.37	864	29.80	25,740
Propiconazole	60	140,068	0.12	16,808	96.60	1,623,671
Trifloxystrobin	30	70,034	0.12	8,404	185.60	1,559,799
<i>Missouri</i>						
Azoxystrobin	4	6,709	0.20	1,342	134.00	179,792
Propiconazole	1	1,677	0.14	235	96.60	22,682
Trifloxystrobin	1	1,677	0.20	335	185.60	62,256
<i>Texas</i>						
Azoxystrobin	25	51,017	0.14	7,142	134.00	957,084
Propiconazole	10	20,407	0.12	2,449	96.60	236,557
Trifloxystrobin	20	40,814	0.11	4,490	185.60	833,255

Table 40.2
Soybeans
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Alabama</i>						
Azoxystrobin	3	4,943	0.14	692	134.00	92,733
<i>Arkansas</i>						
Azoxystrobin	6	173,281	0.13	22,527	134.00	3,018,556
<i>Georgia</i>						
Chlorothalonil	3	4,084	1.00	4,084	7.00	28,589
<i>Kentucky</i>						
Azoxystrobin	5	67,152	0.14	9,401	134.00	1,259,771
<i>Louisiana</i>						
Azoxystrobin	14	92,491	0.07	6,474	134.00	867,566
Thiophanate Methyl	1	6,607	0.90	5,946	21.45	127,538
<i>Mississippi</i>						
Azoxystrobin	9	123,391	0.06	7,403	134.00	992,066
Thiophanate Methyl	1	13,710	0.90	12,339	21.45	264,674
<i>Other States</i>						
	0	0	0.00	0		
<i>South Carolina</i>						
Azoxystrobin	5	17,514	0.14	2,452	134.00	328,555
<i>Tennessee</i>						
Azoxystrobin	5	54,444	0.14	7,622	134.00	1,021,378
Thiophanate Methyl	3	32,667	0.60	19,600	21.45	420,420

Table 41.2
Spinach
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Arizona</i>						
Copper	91	3,730	0.97	3,618	2.50	9,045
Fosetyl-AL	27	1,107	3.20	3,542	15.75	55,779
Mefenoxam	25	1,025	0.27	277	189.00	52,293
<i>California</i>						
Azoxystrobin	2	560	0.25	140	134.00	18,771
Copper	1	280	1.29	361	2.50	904
Fosetyl-AL	18	5,043	3.86	19,466	15.75	306,593
Maneb	3	841	1.72	1,446	3.37	4,872
Mefenoxam	39	10,927	0.65	7,102	189.00	1,342,336
<i>Colorado</i>						
Azoxystrobin	10	198	0.25	50	134.00	6,640
Copper	10	198	1.00	198	2.50	496
Mefenoxam	25	496	0.75	372	189.00	70,237
<i>Maryland</i>						
Azoxystrobin	40	482	0.20	96	134.00	12,928
Copper	35	422	3.20	1,351	2.50	3,377
Fosetyl-AL	10	121	3.20	386	15.75	6,078
Mefenoxam	50	603	0.75	452	189.00	85,475
<i>New Jersey</i>						
Copper	6	207	0.63	130	2.50	325
Fosetyl-AL	10	344	3.20	1,101	15.75	17,348
Mefenoxam	24	826	0.16	132	189.00	24,981
<i>Texas</i>						
Azoxystrobin	58	2,227	0.30	668	134.00	89,533
Copper	60	2,304	0.47	1,083	2.50	2,707
Mefenoxam	100	3,840	0.53	2,035	189.00	384,653
Sulfur	5	192	5.33	1,023	0.40	409

Table 42.2
Strawberries
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>California</i>						
Azoxystrobin	56	18,022	0.30	5,407	134.00	724,504
Benomyl	10	3,218	0.66	2,124	30.00	63,722
Captan	73	23,494	10.24	240,574	5.75	1,383,303
Copper	14	4,506	1.77	7,975	2.50	19,937
Cyprodinil	34	10,942	0.42	4,596	70.00	321,701
Fenhexamid	80	25,746	1.17	30,123	62.00	1,867,644
Fludioxonil	34	10,942	0.28	3,064	38.35	117,498
Fosetyl-AL	13	4,184	3.39	14,183	15.75	223,383
Iprodione	6	1,931	1.29	2,491	49.00	122,057
Mefenoxam	17	5,471	0.58	3,173	189.00	599,743
Myclobutanil	77	24,781	0.23	5,700	170.25	970,358
Sulfur	91	29,287	9.52	278,808	0.40	111,523
Thiophanate Methyl	18	5,793	0.82	4,750	21.45	101,892
Thiram	53	17,057	2.90	49,465	4.71	232,981
<i>Florida</i>						
Azoxystrobin	34	2,242	0.43	964	134.00	129,201
Benomyl	5	330	1.87	617	30.00	18,499
Captan	88	5,804	20.55	119,264	5.75	685,768
Copper	50	3,298	5.04	16,619	2.50	41,549
Cyprodinil	30	1,979	0.55	1,088	70.00	76,172
Fenhexamid	71	4,682	1.32	6,181	62.00	383,212
Fludioxonil	30	1,979	0.37	732	38.35	28,074
Iprodione	26	1,715	1.03	1,766	49.00	86,541
Mefenoxam	10	660	0.75	495	189.00	93,484
Myclobutanil	22	1,451	0.10	145	170.25	24,702
Sulfur	47	3,100	15.02	46,557	0.40	18,623
Thiophanate Methyl	35	2,308	2.49	5,748	21.45	123,285
Thiram	78	5,144	5.59	28,756	4.71	135,438

Table 42.2
Strawberries
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Michigan</i>						
Benomyl	65	796	1.89	1,504	30.00	45,111
Captan	81	991	13.64	13,523	5.75	77,759
Copper	14	171	2.73	468	2.50	1,170
Iprodione	33	404	2.27	917	49.00	44,928
Thiophanate Methyl	11	135	2.02	272	21.45	5,834
<i>New York</i>						
Azoxystrobin	2	28	0.48	13	134.00	1,809
Benomyl	26	366	0.71	260	30.00	7,786
Captan	8	112	2.00	225	5.75	1,294
Cyprodinil	20	281	0.91	256	70.00	17,912
Fenhexamid	80	1,125	0.75	844	62.00	52,303
Fludioxonil	20	281	0.60	169	38.35	6,470
Iprodione	25	352	0.46	162	49.00	7,923
Mefenoxam	20	281	1.00	281	189.00	53,147
Myclobutanil	8	112	0.35	39	170.25	6,702
Thiram	2	28	0.56	16	4.71	74
<i>North Carolina</i>						
Azoxystrobin	60	595	0.40	238	134.00	31,871
Captan	75	743	10.00	7,433	5.75	42,737
Copper	3	30	1.50	45	2.50	111
Cyprodinil	25	248	0.55	136	70.00	9,538
Fenhexamid	80	793	3.00	2,378	62.00	147,461
Fludioxonil	25	248	0.37	92	38.35	3,515
Iprodione	20	198	0.42	83	49.00	4,079
Mefenoxam	25	248	1.00	248	189.00	46,825
Thiophanate Methyl	20	198	1.00	198	21.45	4,251
<i>Ohio</i>						
Benomyl	52	343	0.50	171	30.00	5,140
Captan	71	468	4.84	2,265	5.75	13,021
Fenhexamid	22	145	1.29	187	62.00	11,596
Iprodione	19	125	2.28	285	49.00	13,988
Mefenoxam	5	33	0.15	5	189.00	934
Thiophanate Methyl	12	79	1.12	89	21.45	1,900

Table 42.2
Strawberries
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Oregon</i>						
Azoxystrobin	3	90	0.42	38	134.00	5,087
Benomyl	12	362	1.45	524	30.00	15,728
Captan	63	1,898	4.79	9,092	5.75	52,281
Copper	3	90	0.81	73	2.50	183
Cyprodinil	50	1,507	0.33	497	70.00	34,800
Dodine	1	30	2.23	67	17.86	1,200
Fenhexamid	42	1,265	0.96	1,215	62.00	75,320
Fludioxonil	50	1,507	0.22	331	38.35	12,710
Fosetyl-AL	25	753	4.77	3,593	15.75	56,590
Iprodione	28	844	1.17	987	49.00	48,366
Mefenoxam	30	904	0.48	434	189.00	82,002
Myclobutanil	14	422	0.09	38	170.25	6,463
Thiram	28	844	2.85	2,404	4.71	11,325
<i>Pennsylvania</i>						
Benomyl	43	544	1.01	549	30.00	16,469
Captan	71	897	4.84	4,344	5.75	24,976
Fenhexamid	22	278	1.29	359	62.00	22,241
Iprodione	19	240	2.28	548	49.00	26,831
Mefenoxam	5	63	0.15	9	189.00	1,792
Thiophanate Methyl	12	152	1.12	170	21.45	3,644
<i>Washington</i>						
Benomyl	31	605	0.58	351	30.00	10,534
Captan	39	762	6.72	5,118	5.75	29,431
Fenhexamid	77	1,504	1.69	2,541	62.00	157,569
Fosetyl-AL	7	137	4.29	586	15.75	9,237
Myclobutanil	9	176	0.22	39	170.25	6,583
<i>Wisconsin</i>						
Benomyl	39	346	0.67	232	30.00	6,945
Captan	64	567	3.74	2,121	5.75	12,194
Fenhexamid	25	222	0.75	166	62.00	10,300
Iprodione	10	89	0.48	43	49.00	2,084
Mefenoxam	6	53	0.48	26	189.00	4,823
Thiophanate Methyl	14	124	0.99	123	21.45	2,634

Table 43.2
Sugarbeets
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>California</i>						
Azoxystrobin	1	557	0.15	84	134.00	11,194
Copper	1	557	2.39	1,331	2.50	3,328
Mancozeb	1	557	1.93	1,075	3.46	3,719
Maneb	1	557	1.19	663	3.37	2,233
Sulfur	72	40,098	42.17	1,690,943	0.40	676,377
Thiophanate Methyl	2	1,114	0.34	379	21.45	8,123
Triadimefon	2	1,114	0.23	256	141.40	36,224
<i>Colorado</i>						
Sulfur	7	2,755	5.56	15,315	0.40	6,126
Tetraconazole	24	9,444	0.09	850	159.00	135,144
Triphenyltin Hyd	28	11,018	0.23	2,534	28.00	70,956
<i>Idaho</i>						
Mancozeb	1	2,029	1.53	3,105	3.46	10,743
Sulfur	39	79,143	23.23	1,838,503	0.40	735,401
Triphenyltin Hyd	1	2,029	0.34	690	28.00	19,319
<i>Michigan</i>						
Benomyl	11	19,806	0.25	4,951	30.00	148,545
Mancozeb	10	18,005	1.57	28,268	3.46	97,809
Tetraconazole	82	147,644	0.12	17,717	159.00	2,817,053
Triphenyltin Hyd	23	41,412	0.27	11,181	28.00	313,078
<i>Minnesota</i>						
Mancozeb	6	28,597	1.57	44,897	3.46	155,345
Tetraconazole	90	428,955	0.19	81,502	159.00	12,958,740
Thiophanate Methyl	10	47,662	0.29	13,822	21.45	296,480
Triphenyltin Hyd	84	400,358	0.37	148,133	28.00	4,147,712
<i>Montana</i>						
Benomyl	49	27,453	0.26	7,138	30.00	214,135
Tetraconazole	21	11,766	0.09	1,059	159.00	168,367
Thiophanate Methyl	10	5,603	0.29	1,625	21.45	34,852
Triphenyltin Hyd	28	15,688	0.23	3,608	28.00	101,028

Table 43.2
Sugarbeets
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Nebraska</i>						
Mancozeb	2	826	1.60	1,321	3.46	4,571
Maneb	1	413	1.70	702	3.37	2,365
Tetraconazole	24	9,908	0.09	892	159.00	141,789
Thiophanate Methyl	8	3,303	0.40	1,321	21.45	28,338
Triphenyltin Hyd	11	4,541	0.38	1,726	28.00	48,320
<i>North Dakota</i>						
Mancozeb	5	13,012	1.33	17,306	3.46	59,877
Tetraconazole	85	221,200	0.13	28,756	159.00	4,572,199
Thiophanate Methyl	10	26,024	0.29	7,547	21.45	161,879
Triphenyltin Hyd	83	215,995	0.32	69,118	28.00	1,935,316
<i>Oregon</i>						
Sulfur	23	2,602	8.96	23,314	0.40	9,326
Triphenyltin Hyd	11	1,244	0.38	473	28.00	13,241
<i>Washington</i>						
Mancozeb	1	37	1.53	57	3.46	196
Sulfur	23	854	8.96	7,648	0.40	3,059
Triphenyltin Hyd	1	37	0.34	13	28.00	353
<i>Wyoming</i>						
Tetraconazole	24	8,665	0.09	780	159.00	123,999

Table 44.2
Sweet Corn
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Connecticut</i>						
Mancozeb	5	235	1.60	376	3.46	1,300
<i>Delaware</i>						
Chlorothalonil	2	209	2.25	471	7.00	3,298
<i>Florida</i>						
Azoxystrobin	25	9,733	0.75	7,300	134.00	978,192
Chlorothalonil	5	1,947	3.75	7,300	7.00	51,100
Mancozeb	74	28,810	8.16	235,093	3.46	813,422
Maneb	10	3,893	3.00	11,680	3.37	39,361
Propiconazole	50	19,467	0.19	3,699	96.60	357,288
<i>Georgia</i>						
Chlorothalonil	50	11,953	3.30	39,443	7.00	276,103
Mancozeb	50	11,953	9.00	107,573	3.46	372,201
Propiconazole	78	18,646	0.19	3,543	96.60	342,227
<i>Illinois</i>						
Azoxystrobin	30	6,982	0.25	1,745	134.00	233,894
Mancozeb	20	4,655	2.16	10,054	3.46	34,787
Propiconazole	70	16,291	0.18	2,932	96.60	283,270
<i>Indiana</i>						
Mancozeb	10	557	4.50	2,506	3.46	8,671
<i>Maryland</i>						
Propiconazole	5	505	0.11	56	96.60	5,364
<i>Massachusetts</i>						
Mancozeb	5	284	1.60	454	3.46	1,572
<i>Michigan</i>						
Chlorothalonil	37	4,027	0.64	2,578	7.00	18,043
Mancozeb	2	218	2.57	559	3.46	1,936
Propiconazole	5	544	0.13	71	96.60	6,835
<i>Minnesota</i>						
Azoxystrobin	9	12,532	0.11	1,379	134.00	184,721
Propiconazole	11	15,317	0.12	1,838	96.60	177,553
<i>New Jersey</i>						
Propiconazole	5	590	0.11	65	96.60	6,269
<i>New York</i>						
Propiconazole	38	16,858	0.14	2,360	96.60	227,987

Table 44.2
Sweet Corn
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>North Carolina</i>						
Chlorothalonil	2	118	2.25	264	7.00	1,851
Mancozeb	1	59	7.55	444	3.46	1,535
<i>Ohio</i>						
Propiconazole	7	900	0.21	189	96.60	18,253
<i>Other States</i>						
	0	0	0.00	0		
<i>Pennsylvania</i>						
Azoxystrobin	10	1,734	0.20	347	134.00	46,471
Chlorothalonil	2	347	1.50	520	7.00	3,641
Mancozeb	15	2,601	1.20	3,121	3.46	10,799
Propiconazole	10	1,734	0.11	191	96.60	18,425
<i>Virginia</i>						
Propiconazole	60	1,439	0.25	360	96.60	34,747
<i>Wisconsin</i>						
Chlorothalonil	5	4,882	3.00	14,647	7.00	102,529
Mancozeb	5	4,882	3.00	14,647	3.46	50,679
Maneb	1	976	3.00	2,929	3.37	9,872
Propiconazole	30	29,294	0.20	5,859	96.60	565,962

Table 45.2
Sweet Peppers
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>California</i>						
Azoxystrobin	7	1,320	0.25	330	134.00	44,203
Copper	14	2,639	1.45	3,827	2.50	9,566
Maneb	2	377	3.04	1,146	3.37	3,862
Mefenoxam	31	5,844	0.35	2,045	189.00	386,548
Myclobutanil	52	9,802	0.15	1,470	170.25	250,319
Sulfur	25	4,713	5.20	24,505	0.40	9,802
Trifloxystrobin	17	3,205	0.10	320	185.60	59,476
<i>Florida</i>						
Azoxystrobin	50	8,514	0.75	6,386	134.00	855,657
Copper	89	15,155	7.06	106,994	2.50	267,484
Mancozeb	10	1,703	9.99	17,011	3.46	58,858
Maneb	85	14,474	6.49	93,935	3.37	316,561
Mefenoxam	17	2,895	0.54	1,563	189.00	295,439
<i>Georgia</i>						
Azoxystrobin	50	2,182	1.00	2,182	134.00	292,388
Copper	60	2,618	3.20	8,379	2.50	20,947
Maneb	60	2,618	11.00	28,802	3.37	97,064
<i>Michigan</i>						
Chlorothalonil	3	46	3.24	150	7.00	1,047
Copper	75	1,154	5.09	5,875	2.50	14,688
Mancozeb	12	185	15.92	2,940	3.46	10,173
Maneb	65	1,000	4.89	4,892	3.37	16,485
<i>New Jersey</i>						
Chlorothalonil	25	940	6.41	6,027	7.00	42,189
Copper	70	2,633	4.32	11,373	2.50	28,433
Mancozeb	1	38	4.17	157	3.46	543
Maneb	71	2,670	5.40	14,420	3.37	48,594
Mefenoxam	18	677	1.31	887	189.00	167,613
<i>North Carolina</i>						
Chlorothalonil	1	25	6.68	167	7.00	1,169
Copper	35	875	1.84	1,611	2.50	4,027
Mancozeb	63	1,576	2.29	3,608	3.46	12,484
Maneb	23	575	10.48	6,028	3.37	20,316
Mefenoxam	25	625	1.00	625	189.00	118,172

Table 45.2
Sweet Peppers
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Ohio</i>						
Chlorothalonil	1	13	3.87	52	7.00	365
Copper	69	929	8.64	8,030	2.50	20,076
Maneb	75	1,010	5.40	5,455	3.37	18,385
Mefenoxam	30	404	1.00	404	189.00	76,375
<i>Texas</i>						
Chlorothalonil	40	428	0.65	278	7.00	1,949
Copper	35	375	1.84	690	2.50	1,724
Mefenoxam	3	32	0.26	8	189.00	1,579

Table 46.2
Tomatoes
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Alabama</i>						
Benomyl	22	392	0.63	247	30.00	7,405
Chlorothalonil	57	1,015	4.78	4,853	7.00	33,968
Copper	16	285	6.04	1,721	2.50	4,303
Mancozeb	35	623	5.93	3,696	3.46	12,790
Mefenoxam	12	214	0.83	177	189.00	33,526
<i>Arkansas</i>						
Azoxystrobin	90	1,009	0.20	202	134.00	27,039
Chlorothalonil	50	561	2.00	1,121	7.00	7,847
Copper	100	1,121	4.00	4,484	2.50	11,210
Mancozeb	10	112	6.00	673	3.46	2,327
PCNB	85	953	3.00	2,859	7.28	20,810
<i>California</i>						
Azoxystrobin	12	39,941	0.12	4,793	134.00	642,246
Chlorothalonil	27	89,867	2.66	239,045	7.00	1,673,315
Copper	12	39,941	1.52	60,710	2.50	151,775
Fosetyl-AL	1	3,328	2.61	8,687	15.75	136,822
Mancozeb	7	23,299	1.57	36,579	3.46	126,563
Maneb	1	3,328	1.60	5,325	3.37	17,947
Mefenoxam	12	39,941	0.12	4,793	189.00	905,855
Myclobutanil	3	9,985	0.12	1,198	170.25	203,997
Sulfur	61	203,032	35.44	7,195,447	0.40	2,878,179
<i>Florida</i>						
Azoxystrobin	25	11,412	0.43	4,907	134.00	657,559
Benomyl	40	18,259	0.52	9,495	30.00	284,844
Chlorothalonil	78	35,605	7.98	284,131	7.00	1,988,920
Copper	97	44,279	10.71	474,223	2.50	1,185,558
Fosetyl-AL	9	4,108	4.20	17,255	15.75	271,765
Mancozeb	92	41,996	13.96	586,266	3.46	2,028,482
Maneb	30	13,694	6.00	82,166	3.37	276,901
Mefenoxam	18	8,217	0.78	6,409	189.00	1,211,297
Sulfur	20	9,130	4.09	37,340	0.40	14,936

Table 46.2
Tomatoes
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Georgia</i>						
Azoxystrobin	42	2,427	0.35	850	134.00	113,835
Chlorothalonil	53	3,063	4.72	14,457	7.00	101,197
Copper	80	4,623	7.43	34,350	2.50	85,876
Mancozeb	89	5,143	19.68	101,220	3.46	350,222
Maneb	44	2,543	15.06	38,294	3.37	129,051
Mefenoxam	25	1,445	0.20	289	189.00	54,612
<i>Indiana</i>						
Azoxystrobin	100	9,056	0.60	5,434	134.00	728,102
Chlorothalonil	100	9,056	10.50	95,088	7.00	665,616
Copper	100	9,056	6.00	54,336	2.50	135,840
Mancozeb	50	4,528	9.60	43,469	3.46	150,402
<i>Maryland</i>						
Azoxystrobin	75	608	0.30	182	134.00	24,452
Benomyl	10	81	0.50	41	30.00	1,217
Chlorothalonil	95	770	6.47	4,985	7.00	34,894
Copper	43	349	2.21	771	2.50	1,927
Mancozeb	43	349	3.01	1,050	3.46	3,632
Mefenoxam	20	162	0.20	32	189.00	6,131
<i>Massachusetts</i>						
Azoxystrobin	25	113	0.21	24	134.00	3,166
Benomyl	1	5	0.85	4	30.00	115
Chlorothalonil	68	306	5.07	1,551	7.00	10,860
Copper	57	257	5.15	1,321	2.50	3,302
Mancozeb	38	171	6.65	1,137	3.46	3,935
Maneb	24	108	3.73	403	3.37	1,358
Mefenoxam	5	23	0.27	6	189.00	1,148
<i>Michigan</i>						
Azoxystrobin	10	604	0.20	121	134.00	16,190
Chlorothalonil	64	3,866	9.50	36,729	7.00	257,105
Copper	80	4,833	6.50	31,413	2.50	78,533
Mancozeb	60	3,625	11.40	41,320	3.46	142,969
Mefenoxam	1	60	0.39	24	189.00	4,453

Table 46.2
Tomatoes
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>New Jersey</i>						
Azoxystrobin	75	3,508	0.30	1,052	134.00	141,012
Benomyl	10	468	0.50	234	30.00	7,016
Chlorothalonil	95	4,443	6.47	28,747	7.00	201,230
Copper	43	2,011	2.21	4,445	2.50	11,111
Mancozeb	43	2,011	3.01	6,053	3.46	20,945
Maneb	21	982	4.98	4,891	3.37	16,483
Mefenoxam	20	935	0.20	187	189.00	35,358
<i>New York</i>						
Azoxystrobin	25	601	0.21	126	134.00	16,898
Benomyl	1	24	0.85	20	30.00	613
Chlorothalonil	68	1,633	5.07	8,281	7.00	57,968
Copper	57	1,369	4.32	5,915	2.50	14,787
Mancozeb	38	913	6.65	6,070	3.46	21,002
Maneb	24	576	3.73	2,150	3.37	7,246
Mefenoxam	5	120	0.27	32	189.00	6,129
<i>North Carolina</i>						
Azoxystrobin	35	913	0.30	274	134.00	36,695
Benomyl	48	1,252	0.63	789	30.00	23,660
Chlorothalonil	87	2,269	9.42	21,374	7.00	149,615
Copper	79	2,060	2.01	4,141	2.50	10,353
Mancozeb	72	1,878	10.03	18,834	3.46	65,165
<i>Ohio</i>						
Azoxystrobin	81	7,260	0.33	2,396	134.00	321,039
Benomyl	3	269	0.50	134	30.00	4,033
Chlorothalonil	93	8,336	8.30	69,185	7.00	484,298
Copper	88	7,887	12.87	101,511	2.50	253,778
Mancozeb	43	3,854	20.41	78,662	3.46	272,170
Maneb	12	1,076	7.75	8,336	3.37	28,091

Table 46.2
Tomatoes
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Pennsylvania</i>						
Azoxystrobin	70	3,030	0.26	788	134.00	105,551
Benomyl	30	1,298	1.43	1,857	30.00	55,701
Chlorothalonil	70	3,030	6.00	18,178	7.00	127,243
Copper	30	1,298	2.40	3,116	2.50	7,790
Mancozeb	70	3,030	4.80	14,542	3.46	50,316
Maneb	1	43	4.97	215	3.37	725
Mefenoxam	40	1,731	0.51	883	189.00	166,870
<i>South Carolina</i>						
Azoxystrobin	49	1,509	0.16	241	134.00	32,357
Chlorothalonil	68	2,094	3.61	7,561	7.00	52,925
Copper	100	3,080	3.74	11,519	2.50	28,798
Mancozeb	73	2,248	9.93	22,327	3.46	77,250
PCNB	85	2,618	3.00	7,854	7.28	57,177
<i>Tennessee</i>						
Azoxystrobin	59	2,553	0.40	1,021	134.00	136,837
Chlorothalonil	81	3,505	7.78	27,268	7.00	190,875
Copper	70	3,029	6.32	19,143	2.50	47,857
Mancozeb	89	3,851	31.12	119,844	3.46	414,660
Maneb	28	1,212	7.70	9,329	3.37	31,439
Mefenoxam	5	216	0.20	43	189.00	8,178
<i>Texas</i>						
Chlorothalonil	14	215	4.18	899	7.00	6,292
Copper	70	1,075	6.32	6,795	2.50	16,988
Mancozeb	19	292	3.91	1,141	3.46	3,948
<i>Virginia</i>						
Azoxystrobin	80	4,251	0.50	2,126	134.00	284,830
Chlorothalonil	80	4,251	6.00	25,507	7.00	178,550
Copper	30	1,594	3.00	4,783	2.50	11,957
Mancozeb	60	3,188	5.60	17,855	3.46	61,778
Mefenoxam	70	3,720	0.50	1,860	189.00	351,521
Pyraclostrobin	40	2,126	0.20	425	59.00	25,082

Table 47.2
Walnuts
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>California</i>						
Copper	47	136,179	8.89	1,210,629	2.50	3,026,572
Maneb	36	104,307	1.96	204,442	3.37	688,969

Table 48.2
Watermelons
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Alabama</i>						
Benomyl	9	527	0.53	280	30.00	8,386
Chlorothalonil	46	2,696	2.90	7,817	7.00	54,721
Copper	9	527	1.53	807	2.50	2,017
Mancozeb	21	1,231	1.90	2,338	3.46	8,090
Mefenoxam	10	586	0.16	94	189.00	17,721
<i>Arizona</i>						
Azoxystrobin	53	2,937	0.18	529	134.00	70,834
Benomyl	4	222	0.30	66	30.00	1,995
Chlorothalonil	2	111	1.62	180	7.00	1,257
Mefenoxam	14	776	0.20	155	189.00	29,323
Myclobutanil	11	610	0.12	73	170.25	12,452
Sulfur	29	1,607	17.86	28,699	0.40	11,480
Thiophanate Methyl	16	887	0.31	275	21.45	5,895
<i>Arkansas</i>						
Azoxystrobin	30	680	0.20	136	134.00	18,227
Chlorothalonil	70	1,587	2.00	3,174	7.00	22,217
Copper	25	567	3.00	1,700	2.50	4,251
Mancozeb	5	113	6.00	680	3.46	2,353
Mefenoxam	20	453	0.50	227	189.00	42,846
<i>California</i>						
Azoxystrobin	2	258	0.22	57	134.00	7,605
Benomyl	10	1,290	0.39	503	30.00	15,092
Chlorothalonil	2	258	1.62	418	7.00	2,925
Copper	5	645	1.11	716	2.50	1,790
Mancozeb	1	129	1.13	146	3.46	504
Maneb	2	258	1.08	279	3.37	939
Mefenoxam	14	1,806	0.20	361	189.00	68,262
Myclobutanil	6	774	0.10	77	170.25	13,176
Sulfur	29	3,741	45.59	170,539	0.40	68,216
Thiophanate Methyl	5	645	0.30	193	21.45	4,150
Trifloxystrobin	22	2,838	0.10	284	185.60	52,669

Table 48.2
Watermelons
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Delaware</i>						
Azoxystrobin	65	1,316	0.78	1,026	134.00	137,507
Benomyl	10	202	1.00	202	30.00	6,072
Chlorothalonil	65	1,316	7.00	9,209	7.00	64,464
Mancozeb	20	405	14.40	5,829	3.46	20,169
<i>Florida</i>						
Azoxystrobin	34	7,901	0.17	1,343	134.00	179,991
Benomyl	23	5,345	0.60	3,207	30.00	96,209
Chlorothalonil	62	14,408	3.35	48,267	7.00	337,872
Copper	28	6,507	1.64	10,671	2.50	26,678
Mancozeb	76	17,662	8.34	147,298	3.46	509,651
Maneb	8	1,859	4.58	8,515	3.37	28,695
Mefenoxam	19	4,415	0.23	1,016	189.00	191,938
Thiophanate Methyl	4	930	0.92	855	21.45	18,344
<i>Georgia</i>						
Azoxystrobin	16	3,633	0.31	1,126	134.00	150,933
Benomyl	26	5,904	0.87	5,137	30.00	154,103
Chlorothalonil	91	20,665	5.37	110,972	7.00	776,804
Copper	7	1,590	1.66	2,639	2.50	6,597
Mancozeb	33	7,494	3.75	28,102	3.46	97,234
Maneb	4	908	4.10	3,724	3.37	12,551
Mefenoxam	10	2,271	0.20	454	189.00	85,840
Thiophanate Methyl	4	908	0.92	836	21.45	17,926
<i>Indiana</i>						
Azoxystrobin	2	120	0.30	36	134.00	4,805
Chlorothalonil	70	4,183	4.06	16,984	7.00	118,887
Copper	15	896	0.29	260	2.50	650
Mancozeb	60	3,586	6.35	22,769	3.46	78,779
Mefenoxam	1	60	0.99	59	189.00	11,182
Thiophanate Methyl	10	598	1.12	669	21.45	14,357

Table 48.2
Watermelons
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Louisiana</i>						
Azoxystrobin	5	89	0.11	10	134.00	1,316
Chlorothalonil	10	179	3.00	536	7.00	3,749
Mancozeb	10	179	4.00	714	3.46	2,470
Mefenoxam	5	89	1.00	89	189.00	16,868
Thiophanate Methyl	20	357	0.55	196	21.45	4,212
<i>Maryland</i>						
Azoxystrobin	65	1,379	0.78	1,076	134.00	144,164
Benomyl	10	212	1.00	212	30.00	6,366
Chlorothalonil	65	1,379	7.00	9,655	7.00	67,586
Mancozeb	20	424	14.40	6,111	3.46	21,145
<i>Mississippi</i>						
Azoxystrobin	5	200	0.75	150	134.00	20,115
Chlorothalonil	40	1,601	4.00	6,405	7.00	44,834
Copper	9	360	1.53	551	2.50	1,378
Mancozeb	20	801	4.00	3,202	3.46	11,080
<i>Missouri</i>						
Azoxystrobin	30	1,498	0.20	300	134.00	40,144
Chlorothalonil	70	3,495	2.00	6,990	7.00	48,931
Copper	25	1,248	3.00	3,745	2.50	9,362
Mancozeb	5	250	6.00	1,498	3.46	5,183
Mefenoxam	20	999	0.50	499	189.00	94,368
Thiophanate Methyl	20	999	0.55	549	21.45	11,781
<i>North Carolina</i>						
Azoxystrobin	9	560	0.23	129	134.00	17,253
Chlorothalonil	28	1,742	3.30	5,747	7.00	40,231
Mancozeb	8	498	1.40	697	3.46	2,410
Mefenoxam	5	311	0.14	44	189.00	8,229
<i>Oklahoma</i>						
Azoxystrobin	10	531	0.42	223	134.00	29,868
Chlorothalonil	42	2,229	4.50	10,030	7.00	70,212
Mancozeb	10	531	3.00	1,592	3.46	5,509
Mefenoxam	1	53	0.75	40	189.00	7,523
Myclobutanil	5	265	0.10	27	170.25	4,518
Thiophanate Methyl	10	531	3.00	1,592	21.45	34,151

Table 48.2
Watermelons
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>South Carolina</i>						
Azoxystrobin	49	3,628	0.51	1,851	134.00	247,968
Benomyl	50	3,703	0.25	926	30.00	27,769
Chlorothalonil	56	4,147	4.15	17,209	7.00	120,465
Mancozeb	49	3,628	5.24	19,013	3.46	65,785
Maneb	70	5,184	3.20	16,587	3.37	55,899
Mefenoxam	5	370	0.14	52	189.00	9,797
Myclobutanil	10	741	0.10	74	170.25	12,607
Thiophanate Methyl	50	3,703	0.35	1,296	21.45	27,797
<i>Texas</i>						
Azoxystrobin	34	13,200	0.16	2,112	134.00	283,011
Chlorothalonil	50	19,412	1.23	23,877	7.00	167,137
Copper	28	10,871	0.56	6,088	2.50	15,219
Mancozeb	52	20,188	3.33	67,228	3.46	232,608
Mefenoxam	13	5,047	0.20	1,009	189.00	190,781
Thiophanate Methyl	10	3,882	3.00	11,647	21.45	249,832
<i>Virginia</i>						
Azoxystrobin	50	567	0.40	227	134.00	30,364
Chlorothalonil	70	793	6.00	4,759	7.00	33,310
Copper	20	227	2.40	544	2.50	1,360
Mancozeb	50	567	4.50	2,549	3.46	8,820
Mefenoxam	10	113	0.30	34	189.00	6,424
Pyraclostrobin	10	113	0.30	34	59.00	2,005
Thiophanate Methyl	10	113	0.48	54	21.45	1,167

Table 49.2
Wheat
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Alabama</i>						
Propiconazole	10	5,765	0.10	577	96.60	55,690
<i>Arkansas</i>						
Propiconazole	1	7,706	0.11	848	96.60	81,879
<i>Delaware</i>						
Propiconazole	33	17,654	0.11	1,942	96.60	187,592
<i>Florida</i>						
Mancozeb	5	305	1.60	489	3.46	1,691
Propiconazole	5	305	0.11	34	96.60	3,245
<i>Georgia</i>						
Azoxystrobin	5	9,265	0.18	1,621	134.00	217,265
Mancozeb	1	1,853	1.60	2,965	3.46	10,258
Propiconazole	15	27,795	0.11	3,057	96.60	295,351
<i>Illinois</i>						
Propiconazole	4	23,243	0.12	2,789	96.60	269,437
<i>Indiana</i>						
Propiconazole	4	11,995	0.12	1,439	96.60	139,045
<i>Iowa</i>						
Propiconazole	4	733	0.12	88	96.60	8,493
<i>Kentucky</i>						
Propiconazole	15	47,828	0.11	5,261	96.60	508,225
<i>Louisiana</i>						
Mancozeb	5	7,446	1.60	11,914	3.46	41,223
Propiconazole	5	7,446	0.11	819	96.60	79,124
<i>Maryland</i>						
Propiconazole	33	53,480	0.11	5,883	96.60	568,283
<i>Michigan</i>						
Propiconazole	4	17,351	0.08	1,388	96.60	134,091
Tebuconazole	8	34,703	0.11	3,817	94.10	359,207
<i>Minnesota</i>						
Propiconazole	5	96,012	0.08	7,681	96.60	741,980
Pyraclostrobin	13	249,631	0.06	14,978	59.00	883,694
Tebuconazole	33	633,679	0.10	63,368	94.10	5,962,915
<i>Mississippi</i>						
Mancozeb	20	30,263	1.50	45,395	3.46	157,067
Propiconazole	10	15,132	0.12	1,816	96.60	175,407
<i>Missouri</i>						
Propiconazole	4	32,463	0.12	3,896	96.60	376,316

Table 49.2
Wheat
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Nebraska</i>						
Propiconazole	4	61,071	0.12	7,329	96.60	707,935
<i>New Jersey</i>						
Mancozeb	1	305	2.00	609	3.46	2,108
Propiconazole	5	1,523	0.11	168	96.60	16,183
<i>New York</i>						
Mancozeb	1	1,157	2.00	2,314	3.46	8,005
Propiconazole	5	5,784	0.11	636	96.60	61,461
<i>North Carolina</i>						
Azoxystrobin	1	4,464	0.16	714	134.00	95,716
Mancozeb	1	4,464	1.60	7,143	3.46	24,715
Propiconazole	25	111,610	0.10	11,161	96.60	1,078,148
<i>North Dakota</i>						
Mancozeb	1	79,091	1.60	126,546	3.46	437,849
Propiconazole	13	1,028,186	0.08	82,255	96.60	7,945,822
Tebuconazole	15	1,186,369	0.10	118,637	94.10	11,163,729
<i>Ohio</i>						
Propiconazole	5	39,804	0.11	4,378	96.60	422,960
<i>Oregon</i>						
Propiconazole	3	25,118	0.14	3,516	96.60	339,689
<i>Other States</i>						
	0	0	0.00	0		
<i>Pennsylvania</i>						
Propiconazole	5	8,607	0.11	947	96.60	91,456
<i>South Carolina</i>						
Azoxystrobin	10	15,578	0.06	935	134.00	125,244
Propiconazole	20	31,155	0.11	3,427	96.60	331,055
Pyraclostrobin	20	31,155	0.05	1,558	59.00	91,908
<i>South Dakota</i>						
Propiconazole	10	159,609	0.08	12,769	96.60	1,233,455
Pyraclostrobin	5	79,804	0.05	3,990	59.00	235,423
Tebuconazole	7	111,726	0.13	14,524	94.10	1,366,744
<i>Tennessee</i>						
Propiconazole	10	27,998	0.11	3,080	96.60	297,505

Table 49.2
Wheat
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>Virginia</i>						
Azoxystrobin	1	1,749	0.16	280	134.00	37,496
Mancozeb	1	1,749	1.60	2,798	3.46	9,682
Propiconazole	25	43,722	0.10	4,372	96.60	422,352
<i>Washington</i>						
Propiconazole	3	70,664	0.11	7,773	96.60	750,871
Thiophanate Methyl	2	47,109	0.50	23,555	21.45	505,244
<i>West Virginia</i>						
Propiconazole	5	320	0.11	35	96.60	3,405
<i>Wisconsin</i>						
Propiconazole	15	29,229	0.13	3,800	96.60	367,063

Table 50.2
Wild Rice
Fungicide Use by State, 2002

Fungicide	% Acres Treated	Acres Treated	Rate Lbs. AI/A	Total Lbs. Applied	Price \$/Lb.	Total Cost (\$)
<i>California</i>	0	0	0.00	0		
<i>Minnesota</i>						
Propiconazole	36	8,456	0.21	1,776	96.60	171,532

Table 1.3
Almonds
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
California	82	571,068	3	8,566,015	18,999,433	27,565,448	1,804,156
Total		571,068		8,566,015	18,999,433	27,565,448	1,804,156

Application cost was calculated at \$5.00 per acre.

Table 23
Apples
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Arkansas	99	651	15	48,857	51,251	100,108	6,375
California	71	27,170	4	543,406	773,528	1,316,934	109,313
Connecticut	99	2,336	15	175,230	337,681	512,911	53,973
Georgia	99	1,284	15	96,302	195,977	292,280	30,431
Idaho	71	2,424	4	48,479	72,582	121,061	17,403
Illinois	100	3,926	15	294,450	559,056	853,506	44,923
Indiana	100	3,209	15	240,675	456,956	697,631	36,719
Kansas	73	437	4	8,745	38,214	46,960	4,416
Kentucky	99	1,901	15	142,560	323,796	466,356	19,557
Maine	99	3,852	7	134,823	548,692	683,515	73,756
Maryland	99	2,745	15	205,895	428,265	634,160	72,043
Massachusetts	99	4,434	10	221,711	670,644	892,354	102,854
Michigan	99	50,034	15	3,752,521	8,508,258	12,260,779	1,398,101
Missouri	100	3,821	15	286,575	372,935	659,510	39,655
New Hampshire	99	2,430	7	85,066	194,585	279,651	28,933
New Jersey	99	2,624	10	131,225	426,769	557,993	60,340
New York	97	51,636	15	3,872,701	9,080,429	12,953,129	1,378,538
North Carolina	98	8,367	15	627,543	2,416,831	3,044,374	295,942
Ohio	99	8,400	15	630,011	2,030,045	2,660,056	236,222
Oregon	89	6,441	6	193,228	587,380	780,608	59,680
Pennsylvania	99	27,829	15	2,087,168	2,515,967	4,603,135	308,471
Rhode Island	100	307	7	10,745	45,434	56,179	6,077
South Carolina	97	2,794	15	209,520	497,558	707,078	91,011
Tennessee	99	1,611	15	120,805	346,442	467,246	28,609
Vermont	99	3,384	7	118,434	445,191	563,625	61,150
Virginia	99	19,138	15	1,435,327	3,130,102	4,565,428	548,826
Washington	92	158,985	6	4,769,556	10,153,469	14,923,025	1,689,512
West Virginia	97	7,237	10	361,859	883,032	1,244,891	274,826
Wisconsin	99	6,726	15	504,455	2,159,391	2,663,845	219,350
Total		416,135		21,357,868	48,250,459	69,608,327	7,297,007

Application cost was calculated at \$5.00 per acre.

Table 3.3
Artichokes
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
California	81	6,257	3	93,859	191,753	285,612	1,126
Total		6,257		93,859	191,753	285,612	1,126

Application cost was calculated at \$5.00 per acre.

Table 4.3
Asparagus
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
California	29	9,932	1	49,661	136,240	185,901	1,147
Michigan	80	12,926	3	193,884	601,722	795,606	65,688
Washington	37	6,744	1	33,718	51,099	84,817	14,769
Total		29,601		277,263	789,061	1,066,324	81,604

Application cost was calculated at \$5.00 per acre.

Table 5.3
Bananas
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Hawaii	75	1,383	12	82,980	149,112	232,092	14,264
Total		1,383		82,980	149,112	232,092	14,264

Application cost was calculated at \$5.00 per acre.

Table 6.3
Barley
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
California	1	747	1	3,736	13,714	17,450	142
Idaho	7	44,413	1	222,067	312,048	534,115	3,299
Minnesota	38	53,101	1	265,504	402,647	668,151	4,360
Montana	2	18,043	1	90,216	226,587	316,804	2,346
North Dakota	16	208,596	1	1,042,978	1,019,016	2,061,994	10,691
Oregon	6	3,787	1	18,935	24,945	43,880	265
Other States	0	0	0	0			
Washington	6	20,249	1	101,245	133,380	234,625	1,417
Total		348,936		1,744,681	2,132,337	3,877,018	22,520

Application cost was calculated at \$5.00 per acre.

Table 7.3
Blueberries
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Florida	83	1,366	4	27,324	114,334	141,658	7,735
Georgia	83	3,694	4	73,887	224,403	298,290	19,519
Maine	50	11,647	4	232,930	468,891	701,821	7,594
Michigan	90	15,585	4	311,706	1,385,793	1,697,499	155,680
New Jersey	88	6,572	7	230,014	424,561	654,576	53,723
North Carolina	95	4,759	4	95,171	230,453	325,624	9,144
Oregon	88	3,421	4	68,411	297,439	365,850	52,482
Washington	88	2,261	4	45,214	179,997	225,212	11,561
Total		49,304		1,084,657	3,325,872	4,410,529	317,437

Application cost was calculated at \$5.00 per acre.

Table 8.3
Cabbage
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Arizona	90	2,700	2	27,000	351,804	378,804	17,123
California	40	5,000	2	50,000	72,882	122,882	10,825
Colorado	60	1,560	3	23,400	43,338	66,738	4,082
Florida	99	7,920	4	158,400	213,074	371,474	28,478
Georgia	96	7,680	6	230,400	569,046	799,446	78,948
Illinois	50	390	2	3,900	16,821	20,721	4,134
Michigan	61	1,098	7	38,430	13,207	51,637	2,312
New Jersey	50	800	4	16,000	42,433	58,433	6,612
New York	80	11,520	6	345,600	188,767	534,367	12,637
North Carolina	13	1,170	2	11,700	26,459	38,159	3,798
Ohio	39	624	3	9,360	18,957	28,317	2,708
Pennsylvania	45	810	3	12,150	36,547	48,697	3,163
Texas	85	7,395	3	110,925	372,408	483,333	16,553
Virginia	60	840	3	12,600	72,837	85,437	10,682
Wisconsin	20	1,620	3	24,300	35,792	60,092	4,018
Total		51,127		1,074,165	2,074,372	3,148,537	206,073

Application cost was calculated at \$5.00 per acre.

Table 9.3
Cantaloupes
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Arizona	67	9,915	2	99,153	483,968	583,121	52,178
California	52	27,418	2	274,180	336,429	610,610	170,081
Colorado	20	291	2	2,906	3,457	6,363	541
Delaware	85	152	6	4,565	22,459	27,023	1,101
Georgia	89	4,727	5	118,170	257,493	375,662	21,440
Indiana	96	2,123	6	63,677	107,121	170,798	18,315
Maryland	93	636	6	19,084	85,819	104,903	4,208
Michigan	76	585	8	23,408	22,991	46,399	3,434
Pennsylvania	93	943	6	28,291	68,536	96,826	4,366
Texas	64	6,454	4	129,075	378,644	507,719	16,154
Virginia	93	711	3	10,672	130,721	141,393	6,189
Total		53,955		773,180	1,897,637	2,670,817	298,007

Application cost was calculated at \$5.00 per acre.

Table 10.3
Carrots
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
California	98	67,262	4	1,345,246	4,985,284	6,330,530	297,210
Colorado	75	2,158	4	43,155	92,770	135,925	4,889
Michigan	93	5,624	10	281,186	233,167	514,353	29,253
Texas	65	2,209	2	22,094	44,099	66,192	7,471
Washington	85	8,864	3	132,957	164,349	297,306	46,726
Wisconsin	100	4,674	8	186,960	263,260	450,220	36,184
Total		90,791		2,011,597	5,782,929	7,794,526	421,734

Application cost was calculated at \$5.00 per acre.

Table 11.3
Celery
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
California	90	20,614	3	309,204	1,321,815	1,631,019	120,367
Florida	100	4,115	17	349,775	609,555	959,330	87,938
Michigan	100	2,232	10	111,600	97,973	209,573	14,678
Total		26,961		770,579	2,029,344	2,799,923	222,983

Application cost was calculated at \$5.00 per acre.

Table 12.3
Cherries
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
California	73	19,350	2	193,501	1,127,772	1,321,273	225,935
Michigan	100	44,468	12	2,668,080	3,903,324	6,571,404	1,030,764
New York	94	3,424	10	171,221	273,346	444,567	64,297
Oregon	95	15,140	4	302,803	546,849	849,652	70,480
Pennsylvania	94	1,399	12	83,923	62,435	146,358	13,520
Washington	94	34,729	6	1,041,877	3,922,114	4,963,991	689,335
Wisconsin	94	2,288	12	137,278	299,954	437,231	37,980
Total		120,799		4,598,683	10,135,794	14,734,477	2,132,311

Application cost was calculated at \$5.00 per acre.

Table 13.3
Citrus
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Arizona	31	10,270	1	51,350	401,841	453,191	74,514
California	61	208,652	1	1,043,262	2,515,482	3,558,743	1,104,660
Florida	100	871,733	2	8,717,330	14,955,068	23,672,398	5,685,791
Texas	100	30,299	2	302,990	1,990,110	2,293,100	142,375
Total		1,120,954		10,114,932	19,862,500	29,977,432	7,007,340

Application cost was calculated at \$5.00 per acre.

Table 14.3
Collards
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Alabama	75	592	2	5,918	3,136	9,054	1,255
California	80	590	2	5,904	15,664	21,568	696
Georgia	100	5,728	2	57,280	57,877	115,157	9,037
North Carolina	54	1,378	2	13,781	24,962	38,743	7,174
South Carolina	45	905	2	9,050	117,839	126,888	9,876
Total		9,193		91,932	219,479	311,410	28,038

Application cost was calculated at \$5.00 per acre.

Table 15.3
Cotton
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Alabama	20	104,625	1	523,123	4,603,487	5,126,610	111,425
Arizona	3	6,682	1	33,408	51,502	84,911	12,918
Arkansas	17	156,624	1	783,119	1,583,617	2,366,736	50,765
California	2	13,893	1	69,465	124,774	194,239	5,002
Florida	5	5,088	1	25,442	23,707	49,149	3,257
Georgia	13	164,730	1	823,648	3,141,386	3,965,034	124,561
Louisiana	65	308,610	1	1,543,048	5,694,512	7,237,560	256,431
Mississippi	20	231,486	1	1,157,432	1,562,880	2,720,312	181,948
Missouri	20	79,176	1	395,880	2,868,974	3,264,854	63,301
New Mexico	8	4,244	1	21,218	12,266	33,484	3,077
North Carolina	7	64,687	1	323,434	1,231,792	1,555,226	45,928
Oklahoma	2	3,445	1	17,223	32,816	50,039	1,498
South Carolina	7	14,589	1	72,947	243,526	316,473	5,648
Tennessee	50	266,878	1	1,334,388	1,424,383	2,758,770	29,143
Texas	0	0	0	0			
Virginia	7	6,497	1	32,483	27,431	59,915	3,768
Total		1,431,251		7,156,257	22,627,054	29,783,311	898,669

Application cost was calculated at \$5.00 per acre.

Table 16.3
Cranberries
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Massachusetts	100	14,707	3	220,605	978,580	1,199,185	177,972
New Jersey	100	3,105	3	46,575	220,904	267,479	37,023
Oregon	100	2,958	3	44,370	108,269	152,639	18,824
Washington	100	2,001	3	30,015	67,715	97,730	16,641
Wisconsin	70	12,246	3	183,687	111,578	295,265	16,362
Total		35,017		525,252	1,487,045	2,012,297	266,822

Application cost was calculated at \$5.00 per acre.

Table 17.3
Cucumbers
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
California	15	1,403	2	14,027	24,974	39,001	2,224
Florida	99	17,804	6	534,125	832,229	1,366,354	93,170
Georgia	94	11,848	4	236,955	1,226,603	1,463,558	159,270
Indiana	90	1,517	2	15,165	42,341	57,506	7,583
Maryland	88	3,126	5	78,144	66,366	144,510	3,495
Michigan	85	35,958	4	719,151	496,292	1,215,443	28,487
New Jersey	88	3,059	4	61,178	258,059	319,236	14,872
New York	90	2,939	4	58,770	290,332	349,102	16,811
North Carolina	77	12,625	6	378,748	484,945	863,693	55,184
Ohio	85	2,215	4	44,302	124,277	168,579	14,024
South Carolina	94	4,567	7	159,828	242,411	402,239	25,235
Texas	30	3,113	4	62,262	24,625	86,887	3,518
Virginia	88	1,821	5	45,518	346,771	392,289	21,716
Wisconsin	63	3,767	3	56,511	195,682	252,193	8,118
Total		105,760		2,464,683	4,655,908	7,120,591	453,707

Application cost was calculated at \$5.00 per acre.

Table 18.3
Garlic
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
California	61	17,501	2	175,009	773,360	948,369	10,483
Total		17,501		175,009	773,360	948,369	10,483

Application cost was calculated at \$5.00 per acre.

Table 19.3
Grapes
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Arkansas	100	1,139	12	68,340	193,186	261,526	50,939
California	100	890,896	14	62,362,720	45,204,025	107,566,745	40,933,286
Michigan	99	13,286	10	664,290	1,036,023	1,700,313	170,011
New York	100	36,716	8	1,468,640	2,607,714	4,076,354	241,507
Ohio	95	1,905	8	76,190	155,942	232,132	32,309
Oregon	95	13,549	10	677,445	996,787	1,674,232	272,768
Pennsylvania	100	12,565	8	502,600	813,511	1,316,111	74,049
Washington	95	59,389	10	2,969,463	3,244,505	6,213,968	3,020,544
Total		1,029,445		68,789,688	54,251,693	123,041,380	44,795,412

Application cost was calculated at \$5.00 per acre.

Table 20.3
Green Beans
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
California	10	650	1	3,250	14,052	17,302	5,918
Florida	96	33,600	6	1,008,000	1,350,015	2,358,015	312,914
Georgia	91	15,925	6	477,750	1,167,609	1,645,359	85,720
Illinois	68	14,008	2	140,080	327,324	467,404	21,579
Indiana	50	3,000	2	30,000	59,250	89,250	2,835
Maryland	50	1,050	2	10,500	83,528	94,028	2,153
Michigan	49	9,947	3	149,205	397,149	546,354	37,717
New Jersey	75	2,325	3	34,875	140,028	174,903	5,076
New York	87	27,405	2	274,050	491,633	765,683	23,537
North Carolina	77	5,621	5	140,525	464,538	605,063	30,032
Oregon	92	17,204	2	172,040	427,170	599,210	9,507
Pennsylvania	66	4,950	4	99,000	273,938	372,938	3,938
South Carolina	77	1,078	4	21,560	76,003	97,563	5,523
Tennessee	75	5,700	3	85,500	321,332	406,832	8,000
Virginia	70	3,500	3	52,500	804,226	856,726	13,700
Wisconsin	51	36,822	2	368,220	1,493,876	1,862,096	67,428
Total		182,785		3,067,055	7,891,670	10,958,725	635,575

Application cost was calculated at \$5.00 per acre.

Table 21.3
Hazelnuts
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Oregon	60	19,891	4	397,812	528,992	926,804	72,697
Total		19,891		397,812	528,992	926,804	72,697

Application cost was calculated at \$5.00 per acre.

Table 22.3
Hops
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Idaho	100	3,399	10	169,950	185,772	355,722	19,162
Oregon	100	5,651	10	282,550	584,141	866,691	41,306
Washington	100	20,833	10	1,041,650	1,656,432	2,698,082	169,008
Total		29,883		1,494,150	2,426,346	3,920,496	229,476

Application cost was calculated at \$5.00 per acre.

Table 23.3
Hot Peppers
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
New Mexico	44	7,290	1	36,452	256,090	292,542	4,600
Total		7,290		36,452	256,090	292,542	4,600

Application cost was calculated at \$5.00 per acre.

Table 24.3
Kiwi
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
California	33	1,596	1	7,981	68,956	76,937	1,567
Total		1,596		7,981	68,956	76,937	1,567

Application cost was calculated at \$5.00 per acre.

Table 25.3
Lettuce
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Arizona	78	56,177	3	842,657	1,497,417	2,340,074	98,793
California	88	193,337	3	2,900,053	9,309,882	12,209,935	835,369
Colorado	60	2,403	3	36,045	124,395	160,440	2,663
Florida	100	3,105	6	93,150	270,491	363,641	29,994
New Jersey	100	2,270	3	34,050	318,304	352,354	8,150
Total		257,292		3,905,956	11,520,489	15,426,444	974,970

Application cost was calculated at \$5.00 per acre.

Table 26.3
Mint
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Idaho	4	550	1	2,749	3,061	5,810	7,653
Indiana	9	1,043	1	5,214	7,300	12,514	1,043
Michigan	9	222	1	1,112	1,557	2,669	222
Oregon	39	10,888	1	54,440	177,000	231,440	2,817
Washington	6	2,113	1	10,563	17,001	27,564	6,619
Wisconsin	9	672	1	3,362	4,707	8,069	672
Total		15,488		77,440	210,625	288,065	19,027

Application cost was calculated at \$5.00 per acre.

Table 27.3
Nectarines
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
California	89	37,853	4	757,070	1,883,945	2,641,015	404,998
Total		37,853		757,070	1,883,945	2,641,015	404,998

Application cost was calculated at \$5.00 per acre.

Table 28.3
Onions
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Arizona	79	1,160	3	17,396	61,794	79,190	2,726
California	80	31,038	3	465,564	1,870,730	2,336,294	141,745
Colorado	90	10,472	5	261,788	315,936	577,724	50,746
Georgia	100	12,436	11	683,980	1,327,034	2,011,014	123,485
Idaho	90	8,844	3	132,665	68,352	201,016	11,518
Michigan	97	4,277	10	213,837	413,583	627,419	40,482
New Mexico	20	1,553	1	7,767	54,614	62,381	2,140
New York	99	11,401	8	456,034	1,014,451	1,470,484	212,331
Oregon	90	19,118	3	286,767	697,867	984,634	87,430
Texas	78	11,915	10	595,764	952,697	1,548,461	58,261
Utah	10	211	1	1,055	3,649	4,703	1,055
Washington	94	18,483	4	369,664	440,466	810,130	60,118
Wisconsin	99	1,989	8	79,556	126,682	206,238	25,165
Total		132,896		3,571,835	7,347,854	10,919,689	817,200

Application cost was calculated at \$5.00 per acre.

Table 29.3
Papaya
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Hawaii	100	2,837	17	241,145	375,463	616,608	108,515
Total		2,837		241,145	375,463	616,608	108,515

Application cost was calculated at \$5.00 per acre.

Table 30.3
Parsley
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
California	66	1,228	2	12,283	21,696	33,978	162
Total		1,228		12,283	21,696	33,978	162

Application cost was calculated at \$5.00 per acre.

Table 31.3
Peaches
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Alabama	99	4,002	15	300,119	374,012	674,131	145,997
Arkansas	99	1,691	15	126,819	353,637	480,456	90,711
California	88	82,066	4	1,641,323	4,794,830	6,436,153	1,877,375
Connecticut	97	450	10	22,504	25,741	48,245	8,926
Georgia	99	13,110	15	983,219	884,089	1,867,307	564,179
Idaho	93	932	5	23,297	49,472	72,768	27,257
Illinois	92	2,269	10	113,436	184,285	297,721	135,647
Indiana	92	520	10	25,990	39,914	65,904	31,065
Kentucky	92	554	10	27,692	42,660	70,352	33,153
Louisiana	92	413	15	30,981	56,474	87,455	22,897
Maryland	94	1,155	13	75,092	79,331	154,423	18,726
Massachusetts	97	413	10	20,661	24,340	45,001	8,477
Michigan	100	6,326	12	379,560	516,620	896,180	164,182
Missouri	92	2,020	15	151,524	276,206	427,730	111,987
New Jersey	98	7,951	22	874,581	1,333,442	2,208,023	376,526
New York	97	2,293	10	114,654	171,803	286,457	48,324
North Carolina	94	1,406	12	84,374	64,692	149,066	36,475
Ohio	92	1,455	13	94,604	130,370	224,974	89,399
Oklahoma	74	915	4	18,308	77,920	96,227	32,820
Oregon	93	889	5	22,227	106,049	128,276	34,075
Pennsylvania	94	5,411	13	351,692	492,826	844,518	107,881
South Carolina	97	14,617	15	1,096,270	1,366,073	2,462,343	949,660
Tennessee	92	675	10	33,764	59,228	92,992	41,453
Texas	74	4,557	4	91,138	333,392	424,531	131,371
Virginia	94	1,907	12	114,436	256,878	371,314	93,638
Washington	93	3,124	5	78,097	126,688	204,785	58,426
West Virginia	94	1,249	12	74,956	136,511	211,467	59,646
Total		162,371		6,971,315	12,357,484	19,328,799	5,300,276

Application cost was calculated at \$5.00 per acre.

Table 32.3
Peanuts
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Alabama	97	171,103	7	5,988,610	9,262,030	15,250,641	618,459
Florida	99	75,694	7	2,649,304	4,644,841	7,294,146	440,702
Georgia	100	467,712	6	14,031,360	33,942,842	47,974,202	1,709,113
New Mexico	57	8,720	2	87,204	255,921	343,125	8,156
North Carolina	100	100,650	5	2,516,250	6,522,388	9,038,638	208,446
Oklahoma	82	43,780	5	1,094,495	929,411	2,023,906	29,530
South Carolina	100	10,344	8	413,760	1,015,719	1,429,479	33,204
Texas	72	186,782	4	3,735,634	6,700,683	10,436,316	218,301
Virginia	100	57,373	4	1,147,460	4,228,574	5,376,034	159,038
Total		1,122,158		31,664,078	67,502,409	99,166,486	3,424,949

Application cost was calculated at \$5.00 per acre.

Table 33.3
Pears
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
California	81	16,483	8	659,308	1,908,177	2,567,485	299,364
Michigan	99	1,117	8	44,669	89,260	133,928	18,040
New York	99	1,966	6	58,984	79,519	138,503	13,074
Oregon	99	19,835	7	694,213	2,076,159	2,770,372	636,278
Pennsylvania	95	1,223	9	55,019	101,028	156,047	11,346
Washington	87	26,952	5	673,793	1,300,371	1,974,164	347,296
Total		67,575		2,185,986	5,554,513	7,740,499	1,325,398

Application cost was calculated at \$5.00 per acre.

Table 34.3
Pecans
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Alabama	80	17,813	8	712,512	494,020	1,206,532	11,445
Arkansas	70	7,493	8	299,712	297,681	597,393	5,363
Florida	44	3,795	5	94,875	267,675	362,550	5,553
Georgia	95	122,123	8	4,884,900	4,551,576	9,436,476	181,191
Louisiana	80	10,421	8	416,832	704,582	1,121,414	10,577
Mississippi	90	11,584	8	463,356	512,823	976,179	21,044
Oklahoma	44	37,726	3	565,884	1,031,073	1,596,957	12,329
Other States	0	0	0	0			0
Texas	90	162,647	3	2,439,707	7,575,849	10,015,555	112,588
Total		373,601		9,877,778	15,435,280	25,313,057	360,090

Application cost was calculated at \$5.00 per acre.

Table 35.3
Pistachios
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
California	39	47,409	3	711,138	2,398,737	3,109,874	595,131
Total		47,409		711,138	2,398,737	3,109,874	595,131

Application cost was calculated at \$5.00 per acre.

Table 36.3
Plums and Prunes
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
California	66	93,386	3	1,400,791	1,743,391	3,144,181	474,910
Total		93,386		1,400,791	1,743,391	3,144,181	474,910

Application cost was calculated at \$5.00 per acre.

Table 37.3
Potatoes
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Alabama	96	2,632	3	39,485	111,281	150,765	11,928
Arizona	90	6,911	3	103,667	33,138	136,804	9,599
California	90	43,395	3	650,930	1,419,288	2,070,217	149,239
Colorado	90	71,063	3	1,065,947	2,646,780	3,712,726	198,337
Delaware	95	3,702	7	129,575	120,374	249,950	23,733
Idaho	92	335,091	2	3,350,907	8,741,020	12,091,926	579,707
Illinois	70	4,778	3	71,663	399,058	470,720	77,088
Indiana	100	2,491	4	49,820	176,662	226,482	29,581
Maine	100	64,474	12	3,868,440	2,782,436	6,650,876	572,471
Maryland	96	2,916	7	102,077	70,878	172,955	8,052
Massachusetts	96	3,091	7	108,192	173,509	281,701	22,160
Michigan	96	44,006	12	2,640,384	3,737,676	6,378,060	381,499
Minnesota	98	56,945	9	2,562,519	4,935,101	7,497,620	522,173
Missouri	100	5,256	3	78,840	38,184	117,024	6,623
Montana	65	6,811	2	68,114	539,040	607,153	76,601
Nebraska	65	14,338	2	143,384	742,100	885,484	72,073
Nevada	80	6,086	2	60,856	451,118	511,974	62,739
New Jersey	100	2,951	7	103,285	189,971	293,256	33,597
New York	100	22,094	7	773,290	1,108,869	1,882,159	214,557
North Carolina	96	18,720	3	280,800	346,008	626,808	92,820
North Dakota	99	104,313	12	6,258,800	8,212,128	14,470,928	1,193,250
Ohio	100	4,865	10	243,250	365,860	609,110	60,898
Oregon	91	43,523	4	870,470	2,321,636	3,192,106	223,218
Pennsylvania	96	10,650	7	372,758	495,283	868,042	94,224
South Dakota	99	957	12	57,440	24,147	81,587	2,037
Utah	65	487	3	7,303	2,085	9,388	412
Virginia	96	5,543	7	194,006	679,220	873,226	35,545
Washington	99	157,724	7	5,520,334	15,157,494	20,677,828	1,388,814
Wisconsin	99	79,529	12	4,771,721	9,595,398	14,367,119	1,031,567
Total		1,125,344		34,548,253	65,615,741	100,163,994	7,174,541

Application cost was calculated at \$5.00 per acre.

Table 38.3
Raspberries
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
California	95	2,209	2	22,088	56,228	78,316	31,384
Oregon	95	3,374	6	101,232	571,779	673,011	38,113
Washington	98	9,844	6	295,323	1,662,619	1,957,942	110,211
Total		15,427		418,643	2,290,626	2,709,269	179,707

Application cost was calculated at \$5.00 per acre.

Table 39.3
Rice
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Arkansas	67	1,009,432	1	5,047,160	19,169,778	24,216,938	159,701
California	18	95,637	1	478,183	2,178,600	2,656,783	16,258
Louisiana	60	323,111	1	1,615,554	10,377,996	11,993,550	88,855
Mississippi	77	179,754	1	898,771	4,147,667	5,046,438	33,079
Missouri	6	10,063	1	50,315	264,730	315,044	1,912
Texas	55	112,238	1	561,190	2,026,895	2,588,085	14,081
Total		1,730,234		8,651,172	38,165,665	46,816,837	313,887

Application cost was calculated at \$5.00 per acre.

Table 40.3
Soybeans
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Alabama	3	4,943	1	24,716	92,733	117,449	692
Arkansas	6	173,281	1	866,405	3,018,556	3,884,962	22,527
Georgia	3	4,084	1	20,421	28,589	49,010	4,084
Kentucky	5	67,152	1	335,760	1,259,771	1,595,530	9,401
Louisiana	15	99,098	1	495,488	995,104	1,490,592	12,420
Mississippi	10	137,101	1	685,507	1,256,740	1,942,247	19,743
Other States	0	0	0	0			0
South Carolina	5	17,514	1	87,568	328,555	416,123	2,452
Tennessee	8	87,111	1	435,556	1,441,798	1,877,354	27,222
Total		590,284		2,951,420	8,421,846	11,373,266	98,541

Application cost was calculated at \$5.00 per acre.

Table 41.3
Spinach
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Arizona	50	2,050	2	20,495	117,118	137,613	7,436
California	67	18,771	2	187,714	1,673,476	1,861,190	28,516
Colorado	45	892	2	8,919	77,372	86,291	619
Maryland	100	1,206	2	12,060	107,859	119,919	2,285
New Jersey	100	3,442	2	34,420	42,654	77,074	1,364
Texas	100	3,840	2	38,400	477,303	515,703	4,810
Total		30,201		302,008	2,495,781	2,797,789	45,030

Application cost was calculated at \$5.00 per acre.

Table 423
Strawberries
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
California	98	31,539	15	2,365,451	6,860,247	9,225,698	652,433
Florida	100	6,595	16	527,600	1,844,547	2,372,147	228,931
Michigan	100	1,224	8	48,960	174,801	223,761	16,684
New York	75	1,055	3	15,818	155,421	171,238	2,264
North Carolina	90	892	5	22,298	290,389	312,686	10,850
Ohio	95	626	5	15,651	46,579	62,231	3,002
Oregon	100	3,013	5	75,325	402,055	477,380	19,295
Pennsylvania	95	1,201	5	30,020	95,952	125,972	5,978
Washington	95	1,855	5	46,384	213,355	259,739	8,636
Wisconsin	90	797	3	11,961	38,980	50,941	2,709
Total		48,797		3,159,467	10,122,326	13,281,792	950,782

Application cost was calculated at \$5.00 per acre.

Table 43.3
Sugarbeets
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
California	72	40,098	2	400,982	741,199	1,142,181	1,694,730
Colorado	56	22,036	1	110,180	212,226	322,406	18,699
Idaho	41	83,202	1	416,011	765,463	1,181,474	1,842,298
Michigan	86	154,846	2	1,548,464	3,376,484	4,924,949	62,119
Minnesota	95	452,786	4	9,055,723	17,558,276	26,613,999	288,353
Montana	61	34,176	1	170,882	518,381	689,264	13,430
Nebraska	24	9,908	1	49,542	225,383	274,925	5,962
North Dakota	96	249,826	3	3,747,384	6,729,271	10,476,655	122,727
Oregon	33	3,733	1	18,666	22,566	41,233	23,787
Washington	35	1,299	1	6,494	3,609	10,103	7,717
Wyoming	24	8,665	1	43,326	123,999	167,325	780
Total		1,060,577		15,567,655	30,276,858	45,844,513	4,080,600

Application cost was calculated at \$5.00 per acre.

Table 44.3
Sweet Corn
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Connecticut	5	235	1	1,174	1,300	2,474	376
Delaware	2	209	3	3,141	3,298	6,439	471
Florida	95	36,986	12	2,219,181	2,239,362	4,458,543	265,071
Georgia	95	22,710	12	1,362,585	990,530	2,353,115	150,558
Illinois	48	11,171	3	167,566	551,950	719,516	14,732
Indiana	10	557	3	8,354	8,671	17,024	2,506
Maryland	5	505	3	7,572	5,364	12,936	56
Massachusetts	5	284	1	1,420	1,572	2,992	454
Michigan	55	5,987	3	89,801	26,813	116,615	3,208
Minnesota	67	93,293	2	932,935	362,274	1,295,209	3,217
New Jersey	5	590	3	8,849	6,269	15,118	65
New York	38	16,858	2	168,579	227,987	396,566	2,360
North Carolina	2	118	4	2,351	3,387	5,737	708
Ohio	7	900	2	8,998	18,253	27,251	189
Other States	0	0	0	0			0
Pennsylvania	35	6,069	2	60,690	79,337	140,027	4,179
Virginia	5	120	3	1,799	34,747	36,546	360
Wisconsin	40	39,059	3	585,882	729,042	1,314,924	38,082
Total		235,650		5,630,876	5,290,157	10,921,033	486,592

Application cost was calculated at \$5.00 per acre.

Table 45.3
Sweet Peppers
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
California	60	11,310	2	113,100	763,776	876,876	33,643
Florida	99	16,858	11	927,175	1,793,999	2,721,174	225,888
Georgia	99	4,320	11	237,620	410,399	648,019	39,363
Michigan	93	1,431	6	42,938	42,393	85,331	13,857
New Jersey	84	3,159	8	126,370	287,373	413,742	32,864
North Carolina	63	1,576	4	31,513	156,168	187,681	12,040
Ohio	75	1,010	5	25,256	115,200	140,456	13,942
Texas	73	782	4	15,637	5,252	20,889	977
Total		40,446		1,519,608	3,574,560	5,094,168	372,573

Application cost was calculated at \$5.00 per acre.

Table 46.3
Tomatoes
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Alabama	99	1,763	11	96,975	91,992	188,967	10,694
Arkansas	90	1,009	8	40,356	69,233	109,589	9,338
California	70	232,987	2	2,329,873	6,736,698	9,066,571	7,556,577
Florida	100	45,648	10	2,282,400	7,920,262	10,202,662	1,502,194
Georgia	90	5,201	8	208,044	834,793	1,042,837	189,460
Indiana	100	9,056	9	407,520	1,679,960	2,087,480	198,326
Maryland	95	770	8	30,818	72,252	103,070	7,061
Massachusetts	100	450	6	13,500	23,883	37,383	4,446
Michigan	90	5,437	9	244,661	499,249	743,910	109,607
New Jersey	100	4,677	4	93,540	433,155	526,695	45,610
New York	80	1,922	3	28,824	124,642	153,466	22,595
North Carolina	95	2,478	12	148,656	285,488	434,144	45,411
Ohio	100	8,963	10	448,150	1,363,409	1,811,559	260,225
Pennsylvania	95	4,112	3	61,674	514,197	575,871	39,578
South Carolina	100	3,080	15	231,000	248,508	479,508	49,502
Tennessee	100	4,327	10	216,350	829,846	1,046,196	176,648
Texas	90	1,382	4	27,648	27,228	54,876	8,835
Virginia	95	5,048	10	252,415	913,719	1,166,134	52,555
Total		338,310		7,162,404	22,668,515	29,830,919	10,288,662

Application cost was calculated at \$5.00 per acre.

Table 47.3
Walnuts
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
California	47	136,179	3	2,042,681	3,715,542	5,758,223	1,415,071
Total		136,179		2,042,681	3,715,542	5,758,223	1,415,071

Application cost was calculated at \$5.00 per acre.

Table 48.3
Watermelons
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Alabama	64	3,750	4	75,008	90,934	165,942	11,336
Arizona	53	2,937	2	29,367	133,235	162,603	29,977
Arkansas	70	1,587	4	31,738	89,893	121,631	5,917
California	78	10,061	2	100,612	235,328	335,941	173,573
Delaware	65	1,316	4	26,312	228,212	254,524	16,267
Florida	96	22,309	8	892,378	1,389,378	2,281,756	221,173
Georgia	97	22,028	8	881,109	1,301,988	2,183,098	152,991
Indiana	93	5,558	8	222,307	228,659	450,966	40,777
Louisiana	35	625	3	9,371	28,614	37,986	1,545
Maryland	65	1,379	6	41,379	239,261	280,640	17,055
Mississippi	60	2,402	4	48,036	77,407	125,443	10,309
Missouri	95	4,743	8	189,734	209,768	399,502	13,581
North Carolina	60	3,732	4	74,640	68,123	142,763	6,616
Oklahoma	70	3,715	6	111,447	151,779	263,226	13,504
South Carolina	84	6,220	4	124,404	568,086	692,490	57,007
Texas	76	29,506	4	590,125	1,138,589	1,728,714	111,961
Virginia	70	793	3	11,897	83,451	95,347	8,201
Total		122,661		3,459,864	6,262,708	9,722,572	891,786

Application cost was calculated at \$5.00 per acre.

Table 49.3
Wheat
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
Alabama	10	5,765	1	28,825	55,690	84,515	577
Arkansas	1	7,706	1	38,528	81,879	120,406	848
Delaware	33	17,654	1	88,270	187,592	275,862	1,942
Florida	10	611	1	3,054	4,936	7,990	522
Georgia	21	38,913	1	194,566	522,875	717,441	7,644
Illinois	5	29,054	1	145,271	269,437	414,708	2,789
Indiana	5	14,994	1	74,968	139,045	214,013	1,439
Iowa	5	916	1	4,579	8,493	13,072	88
Kentucky	15	47,828	1	239,142	508,225	747,367	5,261
Louisiana	10	14,893	1	74,463	120,347	194,810	12,733
Maryland	33	53,480	1	267,402	568,283	835,686	5,883
Michigan	12	52,054	1	260,270	493,298	753,568	5,205
Minnesota	38	729,690	1	3,648,452	7,588,589	11,237,041	86,027
Mississippi	45	68,093	1	340,463	332,474	672,937	47,211
Missouri	5	40,579	1	202,897	376,316	579,213	3,896
Nebraska	5	76,339	1	381,694	707,935	1,089,629	7,329
New Jersey	6	1,828	1	9,138	18,291	27,429	777
New York	6	6,941	1	34,704	69,466	104,170	2,950
North Carolina	27	120,538	1	602,691	1,198,579	1,801,270	19,018
North Dakota	29	2,293,646	1	11,468,230	19,547,400	31,015,630	327,438
Ohio	5	39,804	1	199,021	422,960	621,981	4,378
Oregon	5	41,863	1	209,313	339,689	549,002	3,516
Other States	0	0	0	0			0
Pennsylvania	5	8,607	1	43,034	91,456	134,491	947
South Carolina	10	15,578	1	77,888	548,207	626,095	5,919
South Dakota	17	271,335	1	1,356,673	2,835,622	4,192,295	31,283
Tennessee	10	27,998	1	139,989	297,505	437,494	3,080
Virginia	27	47,219	1	236,097	469,530	705,627	7,450
Washington	5	117,773	1	588,863	1,256,115	1,844,978	31,327
West Virginia	5	320	1	1,602	3,405	5,007	35
Wisconsin	15	29,229	1	146,147	367,063	513,211	3,800
Total		4,221,247		21,106,235	39,430,701	60,536,936	631,312

Application cost was calculated at \$5.00 per acre.

Table 50.3
Wild Rice
Fungicide Use Summary, 2002

State	% Acres Treated	Acres Treated	# of Apps./ Acre	Cost of Apps. (\$)	Cost of AI (\$)	Total Cost (\$)	Total Lbs. Applied
California	0	0	0	0			0
Minnesota	32	7,516	1	37,581	171,532	209,113	1,776
Total		7,516		37,581	171,532	209,113	1,776

Application cost was calculated at \$5.00 per acre.

Table 1.4
Almonds
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
California	70	625.66	682,486.00
Total		625.66	682,486.00

Table 24
Apples
No Fungicide Use Production Impacts

State	% Yield Loss w/o Fungicide Use	Volume (million lbs.)	Value (\$ thousand)
Arkansas	100	4.46	936.54
California	80	266.96	53,301.12
Connecticut	100	11.88	4,692.60
Georgia	100	9.90	1,761.21
Idaho	80	45.44	8,708.58
Illinois	100	43.00	12,678.00
Indiana	100	40.00	9,528.00
Kansas	80	2.16	514.50
Kentucky	100	5.54	1,259.28
Maine	100	48.02	15,741.00
Maryland	100	31.68	4,503.51
Massachusetts	100	32.67	10,712.79
Michigan	100	495.00	60,610.77
Missouri	100	38.00	6,396.00
New Hampshire	100	26.24	6,923.07
New Jersey	100	34.65	5,583.60
New York	100	659.60	98,920.60
North Carolina	100	156.80	21,760.90
Ohio	100	69.30	18,562.50
Oregon	100	179.78	25,305.37
Pennsylvania	100	366.30	36,778.50
Rhode Island	100	2.60	849.00
South Carolina	100	8.73	893.37
Tennessee	100	6.44	1,387.98
Vermont	100	30.69	9,340.65
Virginia	100	247.50	25,498.44
Washington	80	3,790.40	754,289.60
West Virginia	100	92.15	7,586.37
Wisconsin	100	57.42	17,983.35
Total		6,803.29	1,223,007.20

Table 3.4
Artichokes
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
California	35	26.65	18,927.59
Total		26.65	18,927.59

Table 4.4
Asparagus
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
California	25	7.40	8,410.00
Michigan	25	4.40	2,400.00
Washington	25	5.83	4,162.50
Total		17.62	14,972.50

Table 5.4
Bananas
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
Hawaii	30	4.39	1,886.63
Total		4.39	1,886.63

Table 6.4
Barley
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
California	35	0.86	44.45
Idaho	35	63.50	4,032.16
Minnesota	12	14.00	645.56
Montana	12	4.61	277.70
North Dakota	12	52.53	2,683.16
Oregon	35	3.74	168.50
Other States	0	0.00	0.00
Washington	35	18.50	1,002.46
Total		157.74	8,853.99

Table 7.4
Blueberries
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
Florida	60	1.54	9,242.88
Georgia	60	8.47	8,675.16
Maine	60	18.69	4,776.00
Michigan	60	34.56	28,209.60
New Jersey	60	22.70	24,705.12
North Carolina	60	9.69	12,844.38
Oregon	60	14.52	10,599.60
Washington	60	6.86	4,724.54
Total		117.04	103,777.28

Table 8.4
Cabbage
No Fungicide Use Production Impacts

State	% Yield Loss w/o Fungicide Use	Volume (million lbs.)	Value (\$ thousand)
Arizona	12	11.56	1,115.75
California	10	19.00	2,660.00
Colorado	15	10.26	978.12
Florida	50	126.72	14,319.36
Georgia	45	101.95	13,253.76
Illinois	45	3.38	451.35
Michigan	30	9.88	1,185.84
New Jersey	20	6.20	1,067.00
New York	47	210.18	19,772.71
North Carolina	30	7.72	694.98
Ohio	50	10.73	1,280.96
Pennsylvania	10	1.53	204.71
Texas	30	70.89	11,500.76
Virginia	10	3.18	319.20
Wisconsin	7	2.70	151.89
Total		595.88	68,956.37

Table 9.4
Cantaloupes
No Fungicide Use Production Impacts

State	% Yield Loss w/o Fungicide Use	Volume (million lbs.)	Value (\$ thousand)
Arizona	20	59.50	7,853.47
California	7	48.96	8,127.65
Colorado	10	0.80	131.20
Delaware	35	1.19	267.75
Georgia	100	111.25	16,740.90
Indiana	40	20.74	3,483.65
Maryland	75	12.56	2,455.20
Michigan	40	1.52	338.35
Pennsylvania	25	3.02	664.95
Texas	35	57.57	18,098.75
Virginia	30	3.35	411.80
Total		320.44	58,573.67

Table 10.4
Carrots
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
California	25	576.49	112,660.31
Colorado	30	31.50	3,213.00
Michigan	17	33.20	3,325.32
Texas	25	20.64	2,390.86
Washington	30	69.62	2,226.15
Wisconsin	36	78.48	2,405.16
Total		809.92	126,220.80

Table 11.4
Celery
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
California	37	591.08	75,591.00
Florida	30	36.90	2,400.00
Michigan	100	99.00	14,000.00
Total		726.98	91,991.00

Table 124
Cherries
No Fungicide Use Production Impacts

State	% Yield Loss w/o Fungicide Use	Volume (million lbs.)	Value (\$ thousand)
California	75	60.77	51,089.96
Michigan	75	257.25	41,628.00
New York	75	11.99	4,952.63
Oregon	75	46.31	20,070.41
Pennsylvania	75	3.53	2,115.71
Washington	75	136.77	106,726.43
Wisconsin	75	9.17	1,443.84
Total		525.78	228,026.97

Table 13.4
Citrus
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
Arizona	25	23.72	4,349.46
California	25	947.03	154,485.09
Florida	50	12,824.00	752,579.00
Texas	50	310.00	15,554.00
Total		14,104.74	926,967.55

Table 14.4
Collards
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
Alabama	30	1.80	337.73
California	20	1.92	738.72
Georgia	75	73.50	12,997.50
North Carolina	30	3.89	1,023.52
South Carolina	30	3.51	894.51
Total		84.62	15,991.97

Table 15.4
Cotton
No Fungicide Use Production Impacts

State	% Yield Loss w/o Fungicide Use	Volume (million lbs.)	Value (\$ thousand)
Alabama	15	8.28	3,570.48
Arizona	20	1.66	861.49
Arkansas	10	13.46	6,074.10
California	4	0.77	520.48
Florida	10	0.20	101.38
Georgia	10	10.30	4,362.10
Louisiana	10	23.40	10,145.01
Mississippi	10	19.00	8,173.44
Missouri	12	7.03	3,113.04
New Mexico	25	1.10	558.46
North Carolina	16	4.24	1,828.55
Oklahoma	10	0.19	84.27
South Carolina	15	0.65	270.70
Tennessee	22	42.90	19,565.26
Texas	0	0.00	0.00
Virginia	10	0.34	132.47
Total		133.52	59,361.21

Table 16.4
Cranberries
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
Massachusetts	100	145.00	48,244.00
New Jersey	100	43.00	13,760.00
Oregon	25	10.75	3,552.25
Washington	25	4.00	1,403.50
Wisconsin	60	134.82	43,363.74
Total		337.57	110,323.49

Table 17.4
Cucumbers
No Fungicide Use Production Impacts

State	% Yield Loss w/o Fungicide Use	Volume (million lbs.)	Value (\$ thousand)
California	7	1.08	309.91
Florida	100	422.73	91,022.58
Georgia	100	274.48	31,016.24
Indiana	10	1.98	182.07
Maryland	75	5.28	1,552.32
Michigan	40	146.54	17,228.82
New Jersey	60	35.38	6,308.54
New York	36	26.57	7,297.13
North Carolina	50	93.17	13,692.53
Ohio	25	12.11	2,183.44
South Carolina	60	31.58	5,828.94
Texas	50	23.25	5,257.50
Virginia	50	13.64	2,217.60
Wisconsin	15	6.05	507.09
Total		1,093.84	184,604.70

Table 18.4
Garlic
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
California	50	143.96	42,090.00
Total		143.96	42,090.00

Table 19.4
Grapes
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
Arkansas	85	9.35	1,700.00
California	97	13,038.74	2,500,660.00
Michigan	85	71.53	12,622.50
New York	37	115.44	17,760.00
Ohio	85	9.69	1,615.00
Oregon	80	33.44	24,320.00
Pennsylvania	85	90.10	12,750.00
Washington	80	504.64	102,600.00
Total		13,872.93	2,674,027.50

Table 20.4
Green Beans
No Fungicide Use Production Impacts

State	% Yield Loss w/o Fungicide Use	Volume (million lbs.)	Value (\$ thousand)
California	1	0.05	32.40
Florida	25	70.56	35,703.36
Georgia	25	17.06	5,481.84
Illinois	25	21.08	1,731.62
Indiana	25	4.25	344.38
Maryland	22	0.44	189.42
Michigan	20	13.62	1,666.49
New Jersey	25	2.06	873.38
New York	32	50.67	13,624.90
North Carolina	40	11.09	3,372.60
Oregon	29	61.90	5,589.73
Pennsylvania	20	5.28	576.18
South Carolina	55	1.69	747.05
Tennessee	30	5.18	1,858.50
Virginia	10	1.33	305.90
Wisconsin	20	64.67	3,658.94
Total		330.93	75,756.68

Table 21.4
Hazelnuts
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
Oregon	75	17.55	8,775.00
Total		17.55	8,775.00

Table 224
Hops
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
Idaho	69	4.14	6,017.49
Oregon	69	6.21	13,871.07
Washington	69	29.95	58,366.41
Total		40.30	78,254.97

Table 23.4
Hot Peppers
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
New Mexico	50	39.60	11,545.60
Total		39.60	11,545.60

Table 24.4
Kiwi
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
California	25	4.29	1,493.00
Total		4.29	1,493.00

Table 25.4
Lettuce
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
Arizona	45	829.76	339,707.63
California	47	2,948.55	528,537.37
Colorado	45	21.87	2,668.14
Florida	70	12.60	2,266.60
New Jersey	50	16.00	4,872.50
Total		3,828.79	878,052.24

Table 26.4
Mint
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
Idaho	25	0.02	191.08
Indiana	25	0.01	116.69
Michigan	25	0.00	28.46
Oregon	25	0.21	2,779.63
Washington	25	0.06	602.61
Wisconsin	25	0.01	97.52
Total		0.31	3,815.98

Table 27.4
Nectarines
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
California	45	239.50	45,864.06
Total		239.50	45,864.06

Table 28.4
Onions
No Fungicide Use Production Impacts

State	% Yield Loss w/o Fungicide Use	Volume (million lbs.)	Value (\$ thousand)
Arizona	5	2.73	227.60
California	30	663.60	52,374.96
Colorado	15	59.40	6,842.88
Georgia	25	35.75	11,576.00
Idaho	20	90.90	6,732.72
Michigan	62	53.52	5,390.35
New Mexico	5	4.40	550.00
New York	45	114.94	12,495.38
Oregon	5	47.97	3,643.83
Texas	60	266.76	57,503.63
Utah	3	0.32	22.07
Washington	20	175.78	13,662.71
Wisconsin	20	10.49	756.36
Total		1,526.56	171,778.49

Table 29.4
Papaya
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
Hawaii	100	46.00	11,900.00
Total		46.00	11,900.00

Table 30.4
Parsley
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
California	33	5.23	1,479.73
Total		5.23	1,479.73

Table 31.4
Peaches
No Fungicide Use Production Impacts

State	% Yield Loss w/o Fungicide Use	Volume (million lbs.)	Value (\$ thousand)
Alabama	75	14.11	6,207.30
Arkansas	75	5.94	2,476.98
California	45	740.52	107,319.17
Connecticut	75	0.73	662.03
Georgia	100	91.08	34,962.84
Idaho	75	9.07	3,868.34
Illinois	75	11.04	5,350.95
Indiana	75	2.07	1,517.31
Kentucky	75	0.69	451.26
Louisiana	75	0.69	725.19
Maryland	75	4.94	1,932.41
Massachusetts	75	1.46	1,280.40
Michigan	75	10.50	3,339.00
Missouri	75	8.97	3,767.40
New Jersey	75	41.90	18,517.59
New York	75	7.28	1,727.81
North Carolina	75	7.05	2,467.50
Ohio	75	6.21	3,114.66
Oklahoma	75	3.33	1,857.59
Oregon	75	4.88	2,112.03
Pennsylvania	75	41.60	13,953.36
South Carolina	100	126.10	41,423.85
Tennessee	75	2.76	1,199.91
Texas	75	6.11	3,796.20
Virginia	75	4.94	1,936.64
Washington	75	46.04	15,496.36
West Virginia	75	7.05	2,185.50
Total		1,207.02	283,649.55

Table 32.4
Peanuts
No Fungicide Use Production Impacts

State	% Yield Loss w/o Fungicide Use	Volume (million lbs.)	Value (\$ thousand)
Alabama	78	286.75	48,206.01
Florida	78	152.90	27,035.49
Georgia	78	1,024.14	179,224.50
New Mexico	59	18.16	3,450.44
North Carolina	72	151.20	31,449.60
Oklahoma	59	76.92	13,126.46
South Carolina	78	14.82	2,478.06
Texas	59	368.73	67,108.20
Virginia	72	86.40	17,064.72
Total		2,180.02	389,143.49

Table 33.4
Pears
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
California	100	424.44	55,298.70
Michigan	100	2.97	440.55
New York	100	19.80	3,645.18
Oregon	100	394.02	62,422.47
Pennsylvania	100	7.60	1,596.95
Washington	100	676.86	101,300.19
Total		1,525.69	224,704.04

Table 34.4
Pecans
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
Alabama	55	2.20	1,320.00
Arkansas	55	0.77	385.00
Florida	55	0.24	242.00
Georgia	55	23.51	23,512.50
Louisiana	55	2.64	1,760.00
Mississippi	55	1.49	990.00
Oklahoma	55	2.42	1,210.00
Other States	0	0.00	0.00
Texas	55	19.80	16,335.00
Total		53.07	45,754.50

Table 35.4
Pistachios
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
California	50	59.09	65,584.35
Total		59.09	65,584.35

Table 36.4
Plums and Prunes
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
California	45	220.97	62,015.38
Total		220.97	62,015.38

Table 37.4
Potatoes
No Fungicide Use Production Impacts

State	% Yield Loss w/o Fungicide Use	Volume (million lbs.)	Value (\$ thousand)
Alabama	50	26.40	2,880.00
Arizona	15	28.49	3,780.00
California	25	398.25	69,075.00
Colorado	15	407.57	29,160.00
Delaware	50	44.65	4,275.00
Idaho	41	5,031.47	271,584.00
Illinois	50	69.30	4,200.00
Indiana	50	36.50	2,000.00
Maine	100	1,696.00	120,000.00
Maryland	48	54.37	5,068.80
Massachusetts	60	42.62	2,880.00
Michigan	48	639.59	47,462.40
Minnesota	50	916.30	57,820.00
Missouri	37	48.10	2,960.00
Montana	15	31.40	3,607.50
Nebraska	15	83.95	4,972.50
Nevada	15	30.96	1,680.00
New Jersey	48	33.12	3,360.00
New York	48	264.00	30,720.00
North Carolina	51	174.79	14,688.00
North Dakota	50	1,161.27	69,300.00
Ohio	50	50.50	5,000.00
Oregon	55	1,248.25	67,567.50
Pennsylvania	50	124.32	11,040.00
South Dakota	50	16.34	990.00
Utah	12	1.87	156.00
Virginia	66	88.07	11,404.80
Washington	50	4,712.40	254,430.00
Wisconsin	26	801.29	56,885.40
Total		18,262.12	1,158,946.90

Table 38.4
Raspberries
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
California	60	16.53	23,285.07
Oregon	60	7.41	4,953.87
Washington	60	43.51	21,747.18
Total		67.45	49,986.12

Table 39.4
Rice
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
Arkansas	30	1,944.68	80,900.09
California	15	116.07	7,335.63
Louisiana	15	264.60	10,954.44
Mississippi	15	186.99	9,238.61
Missouri	15	9.91	386.49
Texas	9	72.37	3,009.75
Total		2,594.62	111,825.01

Table 40.4
Soybeans
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
Alabama	25	1.67	154.85
Arkansas	25	86.84	8,176.68
Georgia	25	1.32	120.17
Kentucky	25	30.71	2,983.36
Louisiana	25	46.80	4,371.83
Mississippi	25	65.75	6,049.93
Other States	0	0.00	0.00
South Carolina	25	5.29	493.85
Tennessee	25	41.66	3,958.08
Total		280.04	26,308.74

Table 41.4
Spinach
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
Arizona	10	4.70	1,450.00
California	36	113.12	29,185.20
Colorado	10	0.99	270.00
Maryland	55	2.75	1,100.00
New Jersey	81	12.96	4,860.00
Texas	55	55.55	7,700.00
Total		190.07	44,565.20

Table 424
Strawberries
No Fungicide Use Production Impacts

State	% Yield Loss w/o Fungicide Use	Volume (million lbs.)	Value (\$ thousand)
California	55	914.14	533,610.00
Florida	90	158.40	137,700.00
Michigan	80	3.20	3,200.00
New York	15	0.68	1,012.50
North Carolina	25	4.95	4,275.00
Ohio	25	0.95	1,187.50
Oregon	75	25.50	12,750.00
Pennsylvania	60	3.99	5,700.00
Washington	65	9.88	4,940.00
Wisconsin	25	0.90	1,125.00
Total		1,122.59	705,500.00

Table 43.4
Sugarbeets
No Fungicide Use Production Impacts

State	% Yield Loss w/o Fungicide Use	Volume (million lbs.)	Value (\$ thousand)
California	22	589.88	10,958.43
Colorado	30	266.78	4,908.79
Idaho	22	909.22	19,148.11
Michigan	30	1,653.26	31,577.39
Minnesota	30	5,046.78	95,888.82
Montana	30	401.14	8,223.29
Nebraska	30	109.44	2,188.80
North Dakota	30	2,764.22	56,666.59
Oregon	22	42.98	909.10
Washington	22	23.10	448.45
Wyoming	30	94.90	2,007.29
Total		11,901.70	232,925.06

Table 44.4
Sweet Corn
No Fungicide Use Production Impacts

State	% Yield Loss w/o Fungicide Use	Volume (million lbs.)	Value (\$ thousand)
Connecticut	15	0.23	57.75
Delaware	3	0.02	3.68
Florida	60	321.48	57,876.66
Georgia	40	118.56	16,625.00
Illinois	17	17.63	1,375.12
Indiana	17	0.56	131.77
Maryland	12	0.31	69.30
Massachusetts	3	0.07	21.11
Michigan	25	11.00	2,310.00
Minnesota	62	734.43	23,743.85
New Jersey	3	0.12	25.87
New York	15	38.13	5,439.57
North Carolina	10	0.14	22.60
Ohio	17	1.49	316.11
Other States	0	0.00	0.00
Pennsylvania	15	3.89	1,075.46
Virginia	12	0.06	14.35
Wisconsin	20	99.12	3,476.24
Total		1,347.23	112,584.44

Table 45.4
Sweet Peppers
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
California	55	228.69	65,335.71
Florida	100	589.05	216,770.40
Georgia	100	51.48	10,296.00
Michigan	35	13.02	3,124.80
New Jersey	80	64.51	17,583.55
North Carolina	80	45.86	10,090.08
Ohio	37	9.44	2,219.17
Texas	80	9.34	4,391.68
Total		1,011.40	329,811.39

Table 46.4
Tomatoes
No Fungicide Use Production Impacts

State	% Yield Loss w/o Fungicide Use	Volume (million lbs.)	Value (\$ thousand)
Alabama	45	14.26	3,313.63
Arkansas	30	8.91	3,991.68
California	8	1,296.68	51,843.29
Florida	100	1,440.00	508,320.00
Georgia	50	33.75	6,750.00
Indiana	80	429.60	30,381.60
Maryland	25	6.18	2,991.55
Massachusetts	75	4.50	4,200.00
Michigan	60	140.40	10,899.90
New Jersey	55	41.80	15,028.20
New York	35	10.64	6,720.84
North Carolina	60	50.73	13,712.49
Ohio	55	299.75	55,717.20
Pennsylvania	30	19.95	4,754.94
South Carolina	45	37.80	9,341.10
Tennessee	30	39.90	13,127.40
Texas	10	1.62	518.40
Virginia	20	28.88	7,797.60
Total		3,905.34	749,409.82

Table 47.4
Walnuts
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
California	50	132.54	71,440.00
Total		132.54	71,440.00

Table 48.4
Watermelons
No Fungicide Use Production Impacts

State	% Yield Loss w/o Fungicide Use	Volume (million lbs.)	Value (\$ thousand)
Alabama	35	9.86	656.99
Arizona	20	27.14	2,254.09
Arkansas	44	14.17	812.81
California	7	32.87	4,173.02
Delaware	35	27.76	2,487.71
Florida	100	728.64	59,748.48
Georgia	100	494.70	28,692.60
Indiana	40	89.65	7,537.09
Louisiana	60	4.41	308.49
Maryland	75	43.88	4,368.00
Mississippi	35	7.56	487.41
Missouri	50	63.18	3,653.23
North Carolina	50	48.90	3,182.40
Oklahoma	75	37.80	2,627.63
South Carolina	65	71.53	4,301.39
Texas	50	253.08	21,511.80
Virginia	30	6.09	362.88
Total		1,961.19	147,166.02

Table 49.4
Wheat
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
Alabama	20	2.88	139.20
Arkansas	20	4.63	224.11
Delaware	20	16.24	844.07
Florida	20	0.36	14.44
Georgia	20	20.66	861.00
Illinois	20	19.08	971.43
Indiana	20	10.50	559.68
Iowa	20	0.48	22.80
Kentucky	20	32.40	1,621.80
Louisiana	20	10.56	528.00
Maryland	20	47.12	2,469.85
Michigan	20	47.23	2,600.14
Minnesota	20	283.63	18,900.44
Mississippi	20	48.60	2,191.86
Missouri	20	20.52	1,077.30
Nebraska	20	29.16	1,799.68
New Jersey	20	1.37	66.82
New York	20	5.33	289.54
North Carolina	20	65.45	3,265.92
North Dakota	20	753.77	50,160.02
Ohio	20	30.12	1,607.04
Oregon	20	20.40	1,355.65
Other States	0	0.00	0.00
Pennsylvania	20	6.00	334.67
South Carolina	20	8.40	358.54
South Dakota	20	86.09	5,785.51
Tennessee	20	16.56	800.40
Virginia	20	34.67	1,619.35
Washington	20	77.82	5,370.39
West Virginia	20	0.18	10.42
Wisconsin	20	19.44	954.27
Total		1,719.65	106,804.34

Table 50.4
Wild Rice
No Fungicide Use Production Impacts

State	% Yield Loss w/o <i>Fungicide Use</i>	Volume <i>(million lbs.)</i>	Value <i>(\$ thousand)</i>
California	0	0.00	0.00
Minnesota	75	1.30	1,848.00
Total		1.30	1,848.00