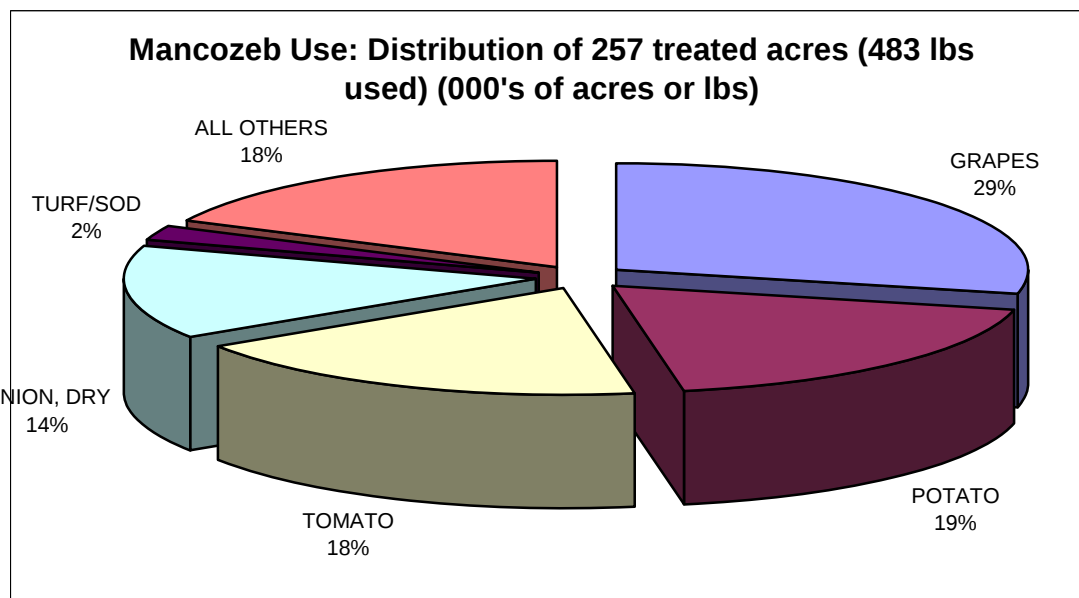


## Appendix B: Additional County-Level Usage Data

### I. Mancozeb Use: crops

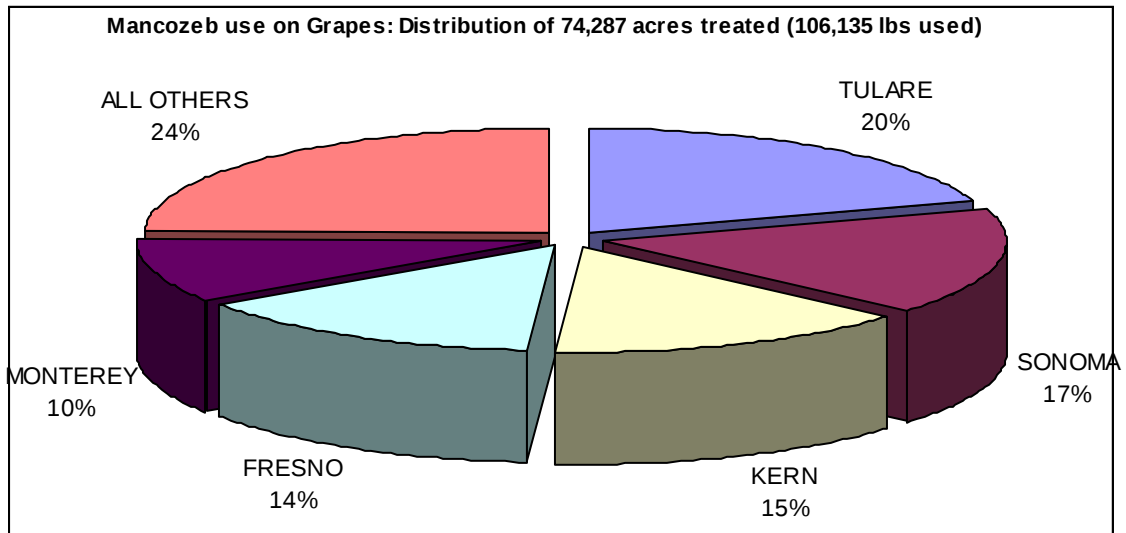
| Crop       | Lbs     | Acres   | Lbs     | Acres   |
|------------|---------|---------|---------|---------|
| GRAPES     | 106,135 | 74,287  | 21.84%  | 28.69%  |
| POTATO     | 58,847  | 48,127  | 12.11%  | 18.59%  |
| TOMATO     | 58,790  | 47,835  | 12.10%  | 18.47%  |
| ONION, DRY | 62,722  | 36,726  | 12.91%  | 14.18%  |
| TURF/SOD   | 61,784  | 5,779   | 12.71%  | 2.23%   |
| ALL OTHERS | 137,726 | 46,170  | 28.34%  | 17.83%  |
| Totals     | 486,004 | 258,924 | 100.00% | 100.00% |



### Mancozeb Use on Grapes

| County          | AVG Annual<br>Pounds Applied | AVG Annual Area<br>Treated(Acres) | Lbs     | Acres   |
|-----------------|------------------------------|-----------------------------------|---------|---------|
| TULARE          | 20469.6                      | 14761.1                           | 19.29%  | 19.87%  |
| SONOMA          | 16077.8                      | 12292.6                           | 15.15%  | 16.55%  |
| KERN            | 16261.8                      | 10896.5                           | 15.32%  | 14.67%  |
| FRESNO          | 14742.8                      | 10719.9                           | 13.89%  | 14.43%  |
| MONTEREY        | 11214.2                      | 7263.8                            | 10.57%  | 9.78%   |
| NAPA            | 5707.8                       | 3657.4                            | 5.38%   | 4.92%   |
| KERN            | 3284.4                       | 1994.3                            | 3.09%   | 2.68%   |
| MENDOCINO       | 2641.9                       | 1881.9                            | 2.49%   | 2.53%   |
| SANTA BARBARA   | 1951.4                       | 1439.3                            | 1.84%   | 1.94%   |
| SAN JOAQUIN     | 2395.6                       | 1424.5                            | 2.26%   | 1.92%   |
| MADERA          | 2065.7                       | 1399.5                            | 1.95%   | 1.88%   |
| YOLO            | 1575.9                       | 941.0                             | 1.48%   | 1.27%   |
| SAN LUIS OBISPO | 1074.0                       | 911.2                             | 1.01%   | 1.23%   |
| MADERA          | 1057.3                       | 703.6                             | 1.00%   | 0.95%   |
| SACRAMENTO      | 1163.3                       | 702.9                             | 1.10%   | 0.95%   |
| LAKE            | 691.3                        | 591.7                             | 0.65%   | 0.80%   |
| KINGS           | 761.8                        | 576.3                             | 0.72%   | 0.78%   |
| FRESNO          | 832.9                        | 525.1                             | 0.78%   | 0.71%   |
| TULARE          | 463.9                        | 329.2                             | 0.44%   | 0.44%   |
| SOLANO          | 328.0                        | 244.6                             | 0.31%   | 0.33%   |
| SAN JOAQUIN     | 318.4                        | 222.2                             | 0.30%   | 0.30%   |
| SACRAMENTO      | 333.0                        | 183.9                             | 0.31%   | 0.25%   |
| SAN LUIS OBISPO | 178.3                        | 158.5                             | 0.17%   | 0.21%   |
| MERCED          | 210.5                        | 130.1                             | 0.20%   | 0.18%   |
| AMADOR          | 25.1                         | 68.9                              | 0.02%   | 0.09%   |
| CONTRA COSTA    | 57.1                         | 51.4                              | 0.05%   | 0.07%   |
| LAKE            | 20.8                         | 39.8                              | 0.02%   | 0.05%   |
| STANISLAUS      | 57.3                         | 38.2                              | 0.05%   | 0.05%   |
| SAN MATEO       | 52.7                         | 36.6                              | 0.05%   | 0.05%   |
| SANTA CLARA     | 23.5                         | 20.4                              | 0.02%   | 0.03%   |
| EL DORADO       | 19.6                         | 18.7                              | 0.02%   | 0.03%   |
| NEVADA          | 14.4                         | 17.0                              | 0.01%   | 0.02%   |
| PLACER          | 14.5                         | 14.5                              | 0.01%   | 0.02%   |
| SANTA CRUZ      | 20.3                         | 11.8                              | 0.02%   | 0.02%   |
| CALAVERAS       | 15.0                         | 10.0                              | 0.01%   | 0.01%   |
| SAN BENITO      | 8.7                          | 4.7                               | 0.01%   | 0.01%   |
| MERCED          | 3.3                          | 2.9                               | 0.00%   | 0.00%   |
| ALAMEDA         | 0.7                          | 0.9                               | 0.00%   | 0.00%   |
|                 | 106,135                      | 74,287                            | 100.00% | 100.00% |

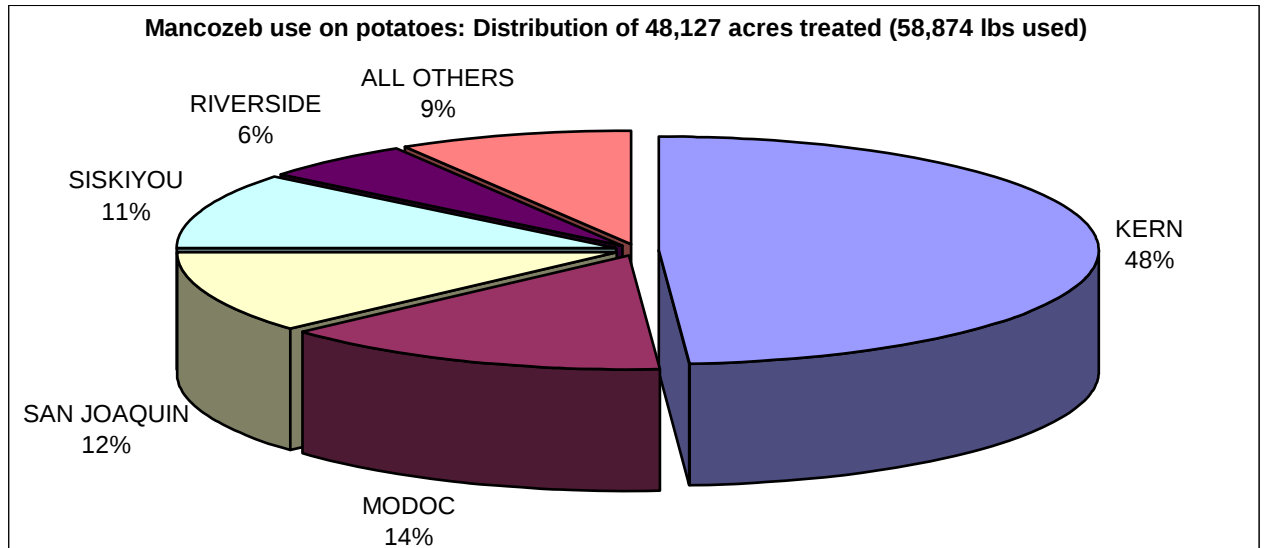
## Mancozeb Use on Grapes



### Mancozeb Use on Potatoes

| County          | Lbs     | Acres   | Lbs     | Acres   |
|-----------------|---------|---------|---------|---------|
| KERN            | 29483.7 | 23491.1 | 50.10%  | 48.81%  |
| MODOC           | 7735.9  | 6963.8  | 13.15%  | 14.47%  |
| SAN JOAQUIN     | 5307.4  | 5698.0  | 9.02%   | 11.84%  |
| SISKIYOU        | 5698.9  | 5101.8  | 9.68%   | 10.60%  |
| RIVERSIDE       | 4047.8  | 2723.5  | 6.88%   | 5.66%   |
| LOS ANGELES     | 1584.1  | 1283.8  | 2.69%   | 2.67%   |
| IMPERIAL        | 679.4   | 621.8   | 1.15%   | 1.29%   |
| TULARE          | 592.7   | 514.8   | 1.01%   | 1.07%   |
| SAN DIEGO       | 737.7   | 504.3   | 1.25%   | 1.05%   |
| MONTEREY        | 526.5   | 394.3   | 0.89%   | 0.82%   |
| SANTA BARBARA   | 458.5   | 315.3   | 0.78%   | 0.66%   |
| SACRAMENTO      | 360.1   | 248.0   | 0.61%   | 0.52%   |
| CONTRA COSTA    | 188.4   | 224.0   | 0.32%   | 0.47%   |
| SAN LUIS OBISPO | 53.0    | 38.8    | 0.09%   | 0.08%   |
| MENDOCINO       | 0.8     | 3.8     | 0.00%   | 0.01%   |
| KERN            | 469.4   | 0.0     | 0.80%   | 0.00%   |
| KERN            | 129.2   | 0.0     | 0.22%   | 0.00%   |
| KERN            | 116.8   | 0.0     | 0.20%   | 0.00%   |
| KERN            | 674.0   | 0.0     | 1.15%   | 0.00%   |
| SISKIYOU        | 2.4     | 0.0     | 0.00%   | 0.00%   |
|                 | 58,847  | 48,127  | 100.00% | 100.00% |

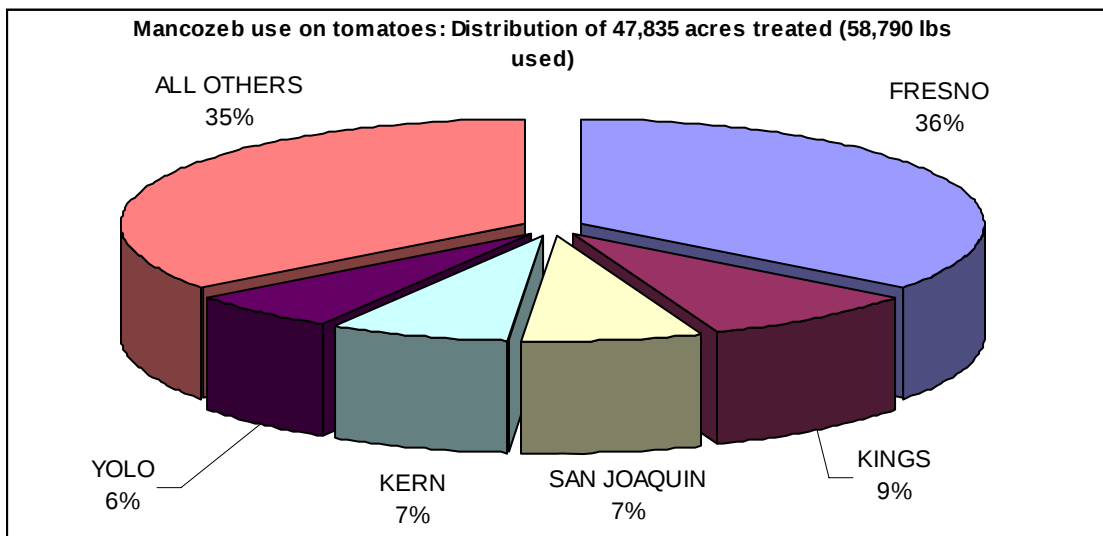
## Mancozeb Use on Potatoes



# Mancozeb Use on Tomatoes

| County          | Lbs     | Acres   | Lbs     | Acres   |
|-----------------|---------|---------|---------|---------|
| FRESNO          | 13690.2 | 11110.9 | 23.29%  | 23.23%  |
| FRESNO          | 4816.1  | 5821.9  | 8.19%   | 12.17%  |
| KINGS           | 5816.2  | 4173.1  | 9.89%   | 8.72%   |
| SAN JOAQUIN     | 5198.1  | 3472.9  | 8.84%   | 7.26%   |
| KERN            | 4410.0  | 3412.6  | 7.50%   | 7.13%   |
| YOLO            | 3118.6  | 3004.6  | 5.30%   | 6.28%   |
| COLUSA          | 3348.0  | 2733.2  | 5.69%   | 5.71%   |
| MERCED          | 3400.6  | 2431.8  | 5.78%   | 5.08%   |
| SAN JOAQUIN     | 3058.2  | 2223.9  | 5.20%   | 4.65%   |
| SUTTER          | 2126.3  | 2010.6  | 3.62%   | 4.20%   |
| STANISLAUS      | 1991.4  | 1353.5  | 3.39%   | 2.83%   |
| CONTRA COSTA    | 1568.3  | 946.0   | 2.67%   | 1.98%   |
| KERN            | 1199.1  | 935.4   | 2.04%   | 1.96%   |
| SACRAMENTO      | 662.5   | 516.6   | 1.13%   | 1.08%   |
| STANISLAUS      | 686.3   | 513.8   | 1.17%   | 1.07%   |
| SOLANO          | 425.8   | 490.6   | 0.72%   | 1.03%   |
| SAN DIEGO       | 598.7   | 469.8   | 1.02%   | 0.98%   |
| RIVERSIDE       | 392.5   | 397.6   | 0.67%   | 0.83%   |
| VENTURA         | 415.2   | 347.6   | 0.71%   | 0.73%   |
| KINGS           | 345.1   | 300.5   | 0.59%   | 0.63%   |
| MERCED          | 426.5   | 293.5   | 0.73%   | 0.61%   |
| MADERA          | 344.3   | 266.7   | 0.59%   | 0.56%   |
| SACRAMENTO      | 239.4   | 253.2   | 0.41%   | 0.53%   |
| MADERA          | 178.5   | 119.0   | 0.30%   | 0.25%   |
| MONTEREY        | 166.4   | 110.6   | 0.28%   | 0.23%   |
| TULARE          | 51.4    | 33.8    | 0.09%   | 0.07%   |
| IMPERIAL        | 21.8    | 20.1    | 0.04%   | 0.04%   |
| GLENN           | 29.0    | 19.3    | 0.05%   | 0.04%   |
| CONTRA COSTA    | 27.8    | 18.5    | 0.05%   | 0.04%   |
| YOLO            | 4.7     | 11.4    | 0.01%   | 0.02%   |
| GLENN           | 14.4    | 9.6     | 0.02%   | 0.02%   |
| SAN LUIS OBISPO | 11.3    | 7.5     | 0.02%   | 0.02%   |
| SUTTER          | 5.6     | 3.8     | 0.01%   | 0.01%   |
| COLUSA          | 1.9     | 1.3     | 0.00%   | 0.00%   |
| MENDOCINO       | 0.2     | 0.1     | 0.00%   | 0.00%   |
| TULARE          | 0.0     | 0.1     | 0.00%   | 0.00%   |
| Tomatoes        |         |         | 100.00% | 100.00% |
|                 | 58,790  | 47,835  |         |         |

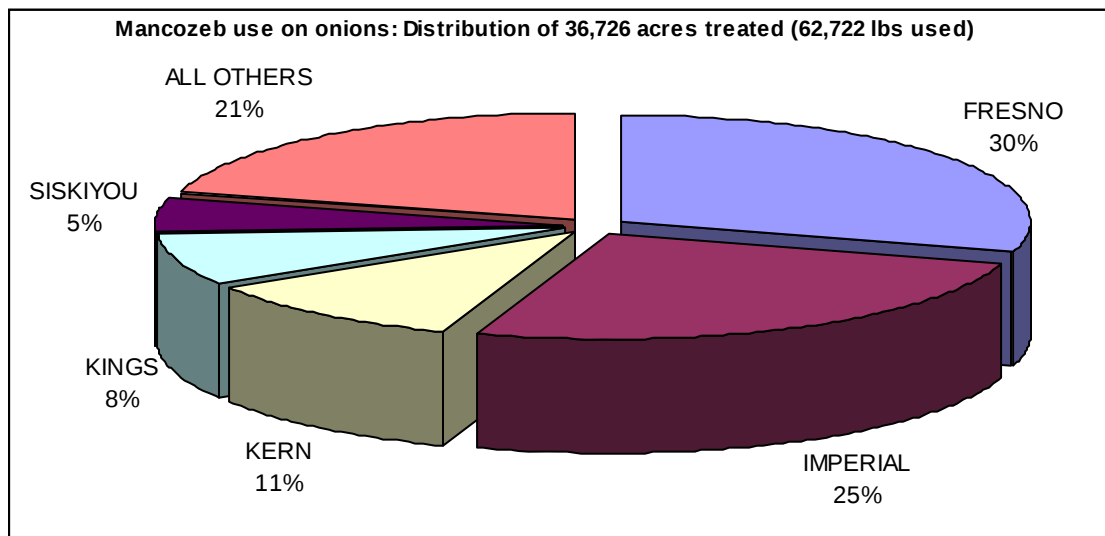
## Mancozeb Use on Tomatoes



### Mancozeb Use on Onions

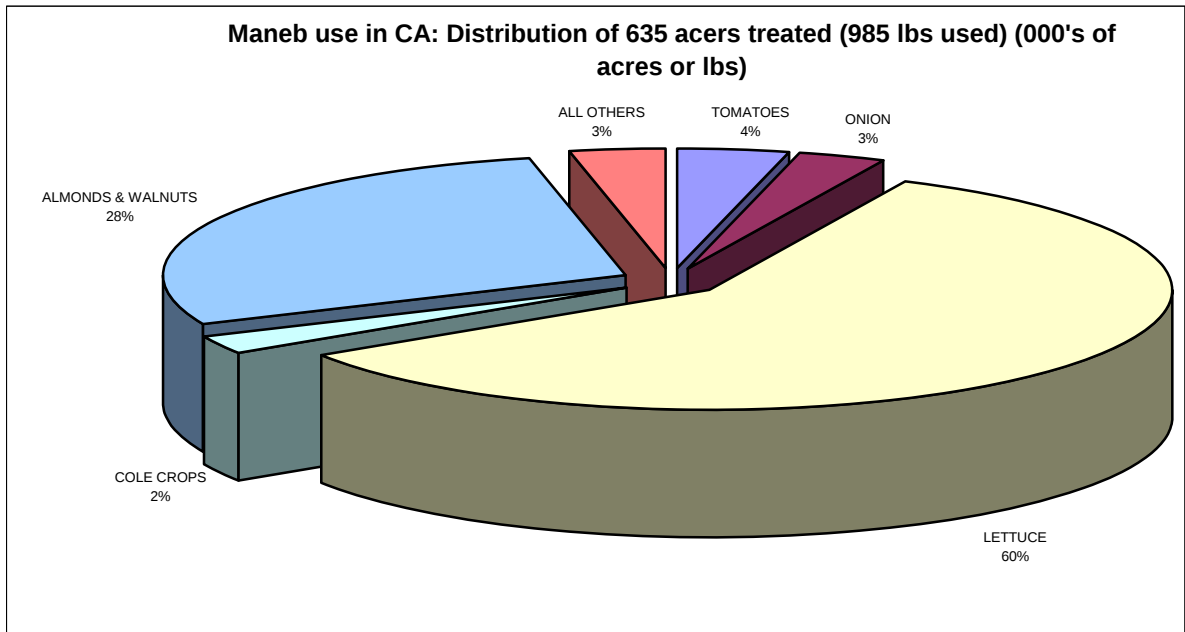
| County          | Lbs     | Acres   | Lbs     | Acres   |
|-----------------|---------|---------|---------|---------|
| FRESNO          | 20139.1 | 10917.7 | 32.11%  | 29.73%  |
| IMPERIAL        | 14026.1 | 9345.3  | 22.36%  | 25.45%  |
| KERN            | 7163.4  | 4061.5  | 11.42%  | 11.06%  |
| KINGS           | 5220.1  | 2887.9  | 8.32%   | 7.86%   |
| SISKIYOU        | 2480.9  | 1903.1  | 3.96%   | 5.18%   |
| MODOC           | 2609.3  | 1803.0  | 4.16%   | 4.91%   |
| SAN JOAQUIN     | 2543.7  | 1495.2  | 4.06%   | 4.07%   |
| COLUSA          | 2975.7  | 1388.3  | 4.74%   | 3.78%   |
| MONTEREY        | 1611.3  | 769.3   | 2.57%   | 2.09%   |
| LOS ANGELES     | 1257.8  | 645.1   | 2.01%   | 1.76%   |
| RIVERSIDE       | 876.9   | 476.8   | 1.40%   | 1.30%   |
| VENTURA         | 545.2   | 348.8   | 0.87%   | 0.95%   |
| SUTTER          | 363.3   | 179.3   | 0.58%   | 0.49%   |
| YOLO            | 307.7   | 175.0   | 0.49%   | 0.48%   |
| MERCED          | 290.0   | 167.0   | 0.46%   | 0.45%   |
| GLENN           | 193.5   | 86.5    | 0.31%   | 0.24%   |
| MADERA          | 31.8    | 26.0    | 0.05%   | 0.07%   |
| SACRAMENTO      | 24.6    | 14.5    | 0.04%   | 0.04%   |
| SOLANO          | 20.7    | 13.8    | 0.03%   | 0.04%   |
| SAN LUIS OBISPO | 16.2    | 6.8     | 0.03%   | 0.02%   |
| SANTA CLARA     | 10.0    | 6.3     | 0.02%   | 0.02%   |
| BUTTE           | 10.1    | 5.0     | 0.02%   | 0.01%   |
| SAN BENITO      | 5.1     | 4.5     | 0.01%   | 0.01%   |
| Onions          | 62,722  | 36,726  | 100.00% | 100.00% |

## Mancozeb Use on Onions

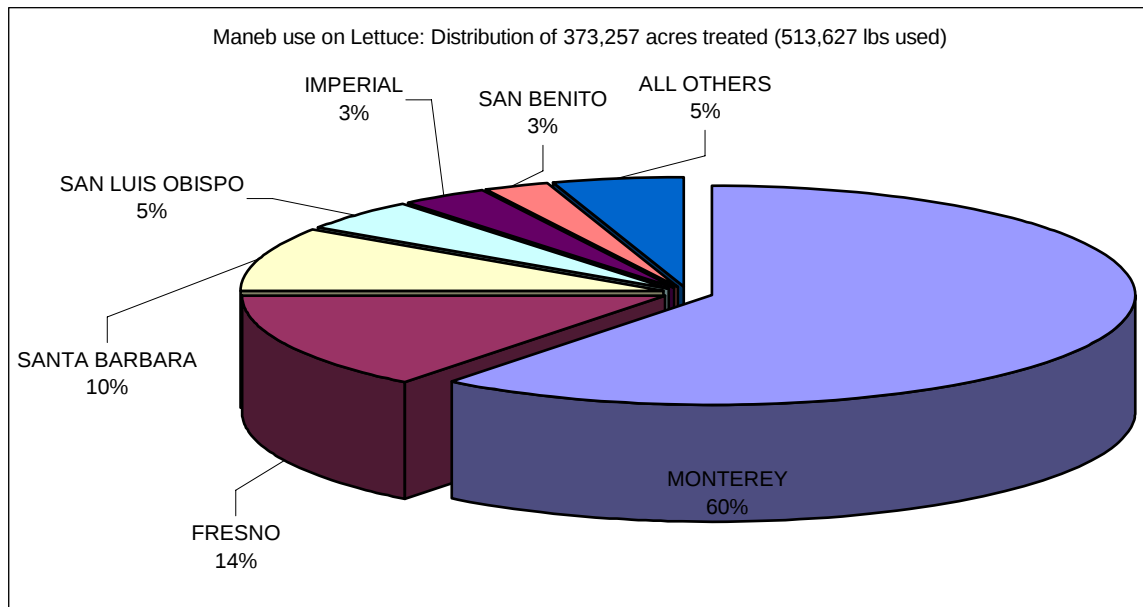


## II. Maneb Use: crops

|                |                |                |
|----------------|----------------|----------------|
| Tomatoes       | 28377.0        | 25524.2        |
| Onion (dry)    | 31200.8        | 19230.4        |
| Lettuce        | 513627.2       | 373256.9       |
| Cole Crops     | 19990.9        | 15514.9        |
| Almond&Walnuts | 357457.0       | 181108.4       |
| All Others     | 37131.2        | 20865.8        |
| <b>Total</b>   | <b>987,784</b> | <b>635,501</b> |



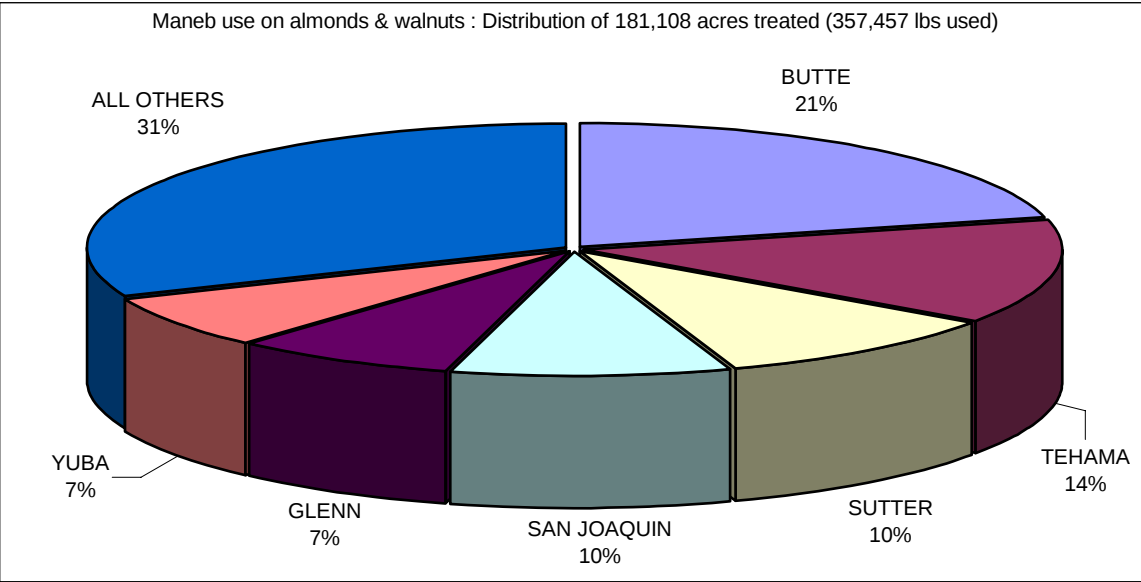
| Maneb Use on Lettuce |          |         |        |        |
|----------------------|----------|---------|--------|--------|
| County               | lbs      | Acres   | Lbs    | Acres  |
| MONTEREY             | 327,476  | 225,759 | 63.76% | 60.48% |
| FRESNO               | 55,895   | 53,900  | 10.88% | 14.44% |
| SANTA BARBARA        | 53,494   | 35,855  | 10.42% | 9.61%  |
| SAN LUIS OBISPO      | 25,959   | 17,374  | 5.05%  | 4.65%  |
| IMPERIAL             | 14,430   | 11,914  | 2.81%  | 3.19%  |
| SAN BENITO           | 11,605.7 | 9,978.3 | 2.26%  | 2.67%  |
| SANTA CRUZ           | 10,620.3 | 7,189.2 | 2.07%  | 1.93%  |
| VENTURA              | 5,918    | 4,197   | 1.15%  | 1.12%  |
| All Others           | 8,229    | 7,091   | 1.60%  | 1.90%  |
| RIVERSIDE            | 3,295    | 3,142   | 0.64%  | 0.84%  |
| SANTA CLARA          | 3,144    | 2,386   | 0.61%  | 0.64%  |
| KERN                 | 1,183    | 1,005   | 0.23%  | 0.27%  |
| STANISLAUS           | 484.5    | 459.5   | 0.09%  | 0.12%  |
| KINGS                | 71.2     | 52.5    | 0.01%  | 0.01%  |
| SAN JOAQUIN          | 18.6     | 15.0    | 0.00%  | 0.00%  |
| TULARE               | 12.5     | 9.2     | 0.00%  | 0.00%  |
| SAN DIEGO            | 11.5     | 12.5    | 0.00%  | 0.00%  |
| SAN BERNARDINO       | 9.5      | 9.5     | 0.00%  | 0.00%  |



Maneb Use on Lettuce

# Maneb Use on Almonds and walnuts

| County      | Lbs Used | Acres Treated |         |         |
|-------------|----------|---------------|---------|---------|
| BUTTE       | 65987.5  | 38,181        | 18.46%  | 21.08%  |
| TEHAMA      | 42769.5  | 24,531        | 11.96%  | 13.55%  |
| SUTTER      | 31135.4  | 18,313        | 8.71%   | 10.11%  |
| SAN JOAQUIN | 29139.9  | 17,282        | 8.15%   | 9.54%   |
| GLENN       | 21683.9  | 13,324        | 6.07%   | 7.36%   |
| YUBA        | 20815.6  | 12,850        | 5.82%   | 7.10%   |
| STANISLAUS  | 27082.8  | 8,991         | 7.58%   | 4.96%   |
| GLENN       | 17519.8  | 4,941         | 4.90%   | 2.73%   |
| STANISLAUS  | 8375.7   | 4,784         | 2.34%   | 2.64%   |
| MERCED      | 13809.0  | 4,640         | 3.86%   | 2.56%   |
| YOLO        | 7910.2   | 4,365         | 2.21%   | 2.41%   |
| SAN JOAQUIN | 10718.2  | 4,309         | 3.00%   | 2.38%   |
| FRESNO      | 10714.8  | 3,349         | 3.00%   | 1.85%   |
| MADERA      | 10165.7  | 3,081         | 2.84%   | 1.70%   |
| BUTTE       | 7221.7   | 2,846         | 2.02%   | 1.57%   |
| PLACER      | 4727.1   | 2,668         | 1.32%   | 1.47%   |
| TULARE      | 4694.3   | 2,643         | 1.31%   | 1.46%   |
| COLUSA      | 4092.0   | 2,323         | 1.14%   | 1.28%   |
| SHASTA      | 2736.1   | 1,562         | 0.77%   | 0.86%   |
| SOLANO      | 2451.4   | 1,502         | 0.69%   | 0.83%   |
| MERCED      | 1295.8   | 756           | 0.36%   | 0.42%   |
| KERN        | 2201.1   | 749           | 0.62%   | 0.41%   |
| TEHAMA      | 1838.5   | 604           | 0.51%   | 0.33%   |
| COLUSA      | 2128.5   | 535           | 0.60%   | 0.30%   |
| TULARE      | 1984.8   | 445           | 0.56%   | 0.25%   |
| SUTTER      | 1168.1   | 356           | 0.33%   | 0.20%   |
| KINGS       | 1183.1   | 355           | 0.33%   | 0.20%   |
| SACRAMENTO  | 512.8    | 286           | 0.14%   | 0.16%   |
| YOLO        | 997.0    | 272           | 0.28%   | 0.15%   |
| SAN BENITO  | 258.2    | 204           | 0.07%   | 0.11%   |
| CALAVERAS   | 50.6     | 29            | 0.01%   | 0.02%   |
| SANTA CLARA | 23.0     | 20            | 0.01%   | 0.01%   |
| YUBA        | 34.3     | 12            | 0.01%   | 0.01%   |
| BUTTE       | 22.7     | 0             | 0.01%   | 0.00%   |
| COLUSA      | 8.1      | 0             | 0.00%   | 0.00%   |
|             | 357457.0 | 181108.4      | 100.00% | 100.00% |



Maneb Use on Almonds and Walnuts

### Maneb Use on Tomatoes

| County          | Lbs Used | Acres Treated |         |         |
|-----------------|----------|---------------|---------|---------|
| FRESNO          | 16326.8  | 14,702        | 57.54%  | 57.60%  |
| COLUSA          | 2513.8   | 1,970         | 8.86%   | 7.72%   |
| YOLO            | 2491.1   | 1,964         | 8.78%   | 7.69%   |
| KINGS           | 1007.0   | 1,281         | 3.55%   | 5.02%   |
| MERCED          | 1307.0   | 1,228         | 4.61%   | 4.81%   |
| KERN            | 964.4    | 997           | 3.40%   | 3.91%   |
| SUTTER          | 713.1    | 653           | 2.51%   | 2.56%   |
| KERN            | 518.6    | 446           | 1.83%   | 1.75%   |
| SAN JOAQUIN     | 214.5    | 418           | 0.76%   | 1.64%   |
| VENTURA         | 651.1    | 391           | 2.29%   | 1.53%   |
| MONTEREY        | 365.7    | 246           | 1.29%   | 0.96%   |
| MADERA          | 207.2    | 228           | 0.73%   | 0.89%   |
| SAN BENITO      | 288.5    | 217           | 1.02%   | 0.85%   |
| SOLANO          | 175.6    | 155           | 0.62%   | 0.61%   |
| SANTA CLARA     | 173.3    | 142           | 0.61%   | 0.55%   |
| STANISLAUS      | 86.9     | 111           | 0.31%   | 0.43%   |
| SAN JOAQUIN     | 99.8     | 84            | 0.35%   | 0.33%   |
| FRESNO          | 73.2     | 57            | 0.26%   | 0.22%   |
| SAN BENITO      | 51.8     | 54            | 0.18%   | 0.21%   |
| IMPERIAL        | 29.6     | 54            | 0.10%   | 0.21%   |
| MADERA          | 9.3      | 39            | 0.03%   | 0.15%   |
| SANTA CLARA     | 27.5     | 29            | 0.10%   | 0.11%   |
| SACRAMENTO      | 34.7     | 24            | 0.12%   | 0.09%   |
| MERCED          | 15.0     | 15            | 0.05%   | 0.06%   |
| SAN LUIS OBISPO | 16.6     | 10            | 0.06%   | 0.04%   |
| GLENN           | 7.2      | 6             | 0.03%   | 0.02%   |
| COLUSA          | 5.9      | 5             | 0.02%   | 0.02%   |
| SAN DIEGO       | 1.7      | 1             | 0.01%   | 0.00%   |
| SANTA BARBARA   | 0.2      | 0             | 0.00%   | 0.00%   |
| SAN LUIS OBISPO | 0.0      | 0             | 0.00%   | 0.00%   |
|                 | 28377.0  | 25524.2       | 100.00% | 100.00% |

## Maneb Use on Tomatoes

