

**Table 42. Fertilizers and Chemicals Applied: 2007 and 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Item                                                                                                      | Utah     | Beaver | Box Elder | Cache  | Carbon | Daggett | Davis  |
|-----------------------------------------------------------------------------------------------------------|----------|--------|-----------|--------|--------|---------|--------|
| Commercial fertilizer, lime, and soil conditioners <sup>1 2</sup> ..... farms, 2007                       | 6,141    | 81     | 542       | 467    | 123    | 17      | 201    |
| ..... 2002                                                                                                | (NA)     | (NA)   | (NA)      | (NA)   | (NA)   | (NA)    | (NA)   |
| ..... acres treated, 2007                                                                                 | 629,728  | 14,550 | 102,101   | 61,505 | 5,620  | 3,238   | 7,982  |
| ..... 2002                                                                                                | 629,362  | 20,929 | 107,397   | 64,244 | 4,653  | 2,101   | 12,672 |
| Cropland fertilized, except cropland pastured ..... farms, 2007                                           | 5,142    | 70     | 469       | 392    | 97     | 8       | 151    |
| ..... 2002                                                                                                | 5,452    | 77     | 486       | 468    | 112    | 16      | 259    |
| ..... acres treated, 2007                                                                                 | 521,843  | 13,983 | 96,088    | 57,932 | 4,389  | 987     | 6,573  |
| ..... 2002                                                                                                | 574,224  | 20,434 | 103,433   | 60,709 | 3,824  | 1,956   | 11,138 |
| Pastureland and rangeland fertilized ..... farms, 2007                                                    | 1,846    | 17     | 141       | 140    | 46     | 14      | 67     |
| ..... 2002                                                                                                | 1,679    | 21     | 132       | 114    | 49     | 3       | 159    |
| ..... acres treated, 2007                                                                                 | 107,885  | 567    | 6,013     | 3,573  | 1,231  | 2,251   | 1,409  |
| ..... 2002                                                                                                | 55,138   | 495    | 3,964     | 3,535  | 829    | 145     | 1,534  |
| Manure <sup>1</sup> ..... farms, 2007                                                                     | 2,765    | 48     | 174       | 269    | 38     | 2       | 73     |
| ..... 2002                                                                                                | 2,859    | 59     | 178       | 325    | 63     | 10      | 66     |
| ..... acres treated, 2007                                                                                 | 124,051  | 2,982  | 14,640    | 18,848 | 537    | (D)     | 1,005  |
| ..... 2002                                                                                                | 112,030  | 3,522  | 12,610    | 16,508 | 786    | 1,760   | 1,141  |
| Chemicals used to control- <sup>1</sup>                                                                   |          |        |           |        |        |         |        |
| Insects ..... farms, 2007                                                                                 | 2,525    | 64     | 257       | 135    | 44     | -       | 95     |
| ..... 2002                                                                                                | 2,641    | 69     | 230       | 247    | 50     | -       | 129    |
| ..... acres treated, 2007                                                                                 | 270,095  | 13,764 | 28,844    | 17,708 | 4,176  | -       | 3,586  |
| ..... 2002                                                                                                | 264,684  | 20,036 | 18,044    | 15,841 | 2,500  | -       | 15,192 |
| Weeds, grass, or brush ..... farms, 2007                                                                  | 4,469    | 57     | 446       | 442    | 55     | 12      | 163    |
| ..... 2002                                                                                                | 3,908    | 68     | 394       | 430    | 58     | 5       | 251    |
| ..... acres treated, 2007                                                                                 | 441,491  | 10,727 | 80,969    | 47,455 | 2,857  | 242     | 5,871  |
| ..... 2002                                                                                                | 342,301  | 11,711 | 77,588    | 41,461 | 1,429  | 200     | 20,206 |
| Nematodes ..... farms, 2007                                                                               | 77       | 1      | 6         | -      | -      | -       | 3      |
| ..... 2002                                                                                                | 61       | -      | 3         | 1      | 1      | -       | 8      |
| ..... acres treated, 2007                                                                                 | 5,728    | (D)    | (D)       | -      | -      | -       | 100    |
| ..... 2002                                                                                                | 3,956    | -      | 865       | (D)    | (D)    | -       | 480    |
| Diseases in crops and orchards ..... farms, 2007                                                          | 308      | 3      | 54        | 15     | 4      | -       | 18     |
| ..... 2002                                                                                                | 295      | 6      | 22        | 8      | 11     | -       | 21     |
| ..... acres treated, 2007                                                                                 | 8,858    | 30     | 1,982     | 769    | 14     | -       | 84     |
| ..... 2002                                                                                                | (D)      | 134    | 593       | 23     | 11     | -       | 128    |
| Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007 | 221      | 3      | 36        | 17     | 3      | -       | 13     |
| ..... 2002                                                                                                | 138      | 5      | 12        | 8      | 2      | -       | 1      |
| ..... acres treated, 2007                                                                                 | 6,443    | 42     | 1,449     | 730    | 63     | -       | 38     |
| ..... 2002                                                                                                | 2,886    | 200    | 345       | 75     | (D)    | -       | (D)    |
| Item                                                                                                      | Duchesne | Emery  | Garfield  | Grand  | Iron   | Juab    | Kane   |
| Commercial fertilizer, lime, and soil conditioners <sup>1 2</sup> ..... farms, 2007                       | 346      | 213    | 88        | 43     | 174    | 109     | 38     |
| ..... 2002                                                                                                | (NA)     | (NA)   | (NA)      | (NA)   | (NA)   | (NA)    | (NA)   |
| ..... acres treated, 2007                                                                                 | 50,023   | 13,774 | 7,340     | 3,690  | 30,660 | 16,065  | 1,233  |
| ..... 2002                                                                                                | 35,838   | 21,212 | 5,411     | 1,930  | 43,794 | 15,634  | 2,700  |
| Cropland fertilized, except cropland pastured ..... farms, 2007                                           | 270      | 189    | 71        | 40     | 163    | 100     | 31     |
| ..... 2002                                                                                                | 265      | 192    | 82        | 40     | 151    | 59      | 44     |
| ..... acres treated, 2007                                                                                 | 28,667   | 10,492 | 5,967     | 2,892  | 30,085 | 15,268  | 1,000  |
| ..... 2002                                                                                                | 25,125   | 14,571 | 3,816     | 1,882  | 43,340 | 15,325  | 1,405  |
| Pastureland and rangeland fertilized ..... farms, 2007                                                    | 172      | 54     | 31        | 8      | 19     | 16      | 9      |
| ..... 2002                                                                                                | 102      | 91     | 33        | 6      | 21     | 7       | 14     |
| ..... acres treated, 2007                                                                                 | 21,356   | 3,282  | 1,373     | 798    | 575    | 797     | 233    |
| ..... 2002                                                                                                | 10,713   | 6,641  | 1,595     | 48     | 454    | 309     | 1,295  |
| Manure <sup>1</sup> ..... farms, 2007                                                                     | 143      | 92     | 39        | 26     | 56     | 26      | 11     |
| ..... 2002                                                                                                | 106      | 100    | 35        | 30     | 107    | 26      | 12     |
| ..... acres treated, 2007                                                                                 | 5,172    | 2,041  | 1,093     | 539    | 2,300  | 1,684   | 217    |
| ..... 2002                                                                                                | 3,481    | 1,882  | 1,258     | 246    | 3,626  | 3,755   | 231    |
| Chemicals used to control- <sup>1</sup>                                                                   |          |        |           |        |        |         |        |
| Insects ..... farms, 2007                                                                                 | 54       | 105    | 37        | 16     | 112    | 33      | 9      |
| ..... 2002                                                                                                | 50       | 100    | 23        | 12     | 92     | 18      | 15     |
| ..... acres treated, 2007                                                                                 | 3,084    | 8,442  | 3,003     | 385    | 31,977 | 5,451   | 1,917  |
| ..... 2002                                                                                                | 1,257    | 7,903  | 3,925     | 288    | 38,095 | 2,321   | 474    |
| Weeds, grass, or brush ..... farms, 2007                                                                  | 140      | 87     | 34        | 25     | 125    | 85      | 26     |
| ..... 2002                                                                                                | 102      | 49     | 21        | 15     | 114    | 31      | 28     |
| ..... acres treated, 2007                                                                                 | 9,576    | 4,057  | 1,362     | 1,351  | 36,706 | 15,381  | 3,962  |
| ..... 2002                                                                                                | 3,467    | 2,024  | 279       | 586    | 31,413 | 6,850   | 3,910  |
| Nematodes ..... farms, 2007                                                                               | -        | 1      | -         | -      | 4      | 2       | -      |
| ..... 2002                                                                                                | -        | -      | -         | 2      | -      | -       | -      |
| ..... acres treated, 2007                                                                                 | -        | (D)    | -         | -      | 1,522  | (D)     | -      |
| ..... 2002                                                                                                | -        | -      | -         | (D)    | 385    | -       | -      |
| Diseases in crops and orchards ..... farms, 2007                                                          | -        | 1      | 1         | 4      | 2      | 1       | -      |
| ..... 2002                                                                                                | -        | -      | -         | 6      | 2      | -       | 2      |
| ..... acres treated, 2007                                                                                 | -        | (D)    | (D)       | 12     | (D)    | (D)     | -      |
| ..... 2002                                                                                                | -        | -      | -         | 26     | (D)    | -       | (D)    |
| Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007 | 3        | 1      | 1         | 1      | 4      | 2       | 1      |
| ..... 2002                                                                                                | -        | 7      | -         | 4      | 4      | -       | -      |
| ..... acres treated, 2007                                                                                 | 160      | (D)    | (D)       | (D)    | 119    | (D)     | (D)    |
| ..... 2002                                                                                                | -        | 70     | -         | 21     | (D)    | -       | -      |

See footnote(s) at end of table.

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**Table 42. Fertilizers and Chemicals Applied: 2007 and 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                                                                                                     | Millard | Morgan | Piute  | Rich   | Salt Lake | San Juan   | Sanpete | Sevier |
|----------------------------------------------------------------------------------------------------------|---------|--------|--------|--------|-----------|------------|---------|--------|
| Commercial fertilizer, lime, and soil conditioners <sup>1 2</sup> .....farms, 2007                       | 340     | 90     | 39     | 59     | 145       | 105        | 273     | 265    |
| .....farms, 2002                                                                                         | (NA)    | (NA)   | (NA)   | (NA)   | (NA)      | (NA)       | (NA)    | (NA)   |
| .....acres treated, 2007                                                                                 | 75,028  | 5,536  | 4,040  | 13,197 | 2,963     | 11,671     | 26,220  | 24,008 |
| .....acres treated, 2002                                                                                 | 62,598  | 5,990  | 3,686  | 12,269 | 7,112     | 11,709     | 29,872  | 34,833 |
| Cropland fertilized, except cropland pastured .....farms, 2007                                           | 322     | 75     | 37     | 57     | 100       | 103        | 240     | 231    |
| .....farms, 2002                                                                                         | 307     | 70     | 36     | 46     | 126       | 49         | 262     | 356    |
| .....acres treated, 2007                                                                                 | 70,041  | 3,327  | 3,752  | (D)    | 2,664     | (D)        | 23,136  | 19,208 |
| .....acres treated, 2002                                                                                 | 59,929  | 5,816  | 3,550  | (D)    | 6,739     | (D)        | 27,463  | 32,829 |
| Pastureland and rangeland fertilized .....farms, 2007                                                    | 47      | 37     | 8      | 2      | 54        | 5          | 64      | 67     |
| .....farms, 2002                                                                                         | 39      | 26     | 6      | 4      | 59        | 1          | 44      | 82     |
| .....acres treated, 2007                                                                                 | 4,987   | 2,209  | 288    | (D)    | 299       | (D)        | 3,084   | 4,800  |
| .....acres treated, 2002                                                                                 | 2,669   | 174    | 136    | (D)    | 373       | (D)        | 2,409   | 2,004  |
| Manure <sup>1</sup> .....farms, 2007                                                                     | 145     | 46     | 38     | 22     | 83        | 4          | 219     | 116    |
| .....farms, 2002                                                                                         | 126     | 48     | 26     | 26     | 102       | 4          | 234     | 137    |
| .....acres treated, 2007                                                                                 | 14,877  | 820    | 1,362  | 1,882  | 395       | (D)        | 12,320  | 4,372  |
| .....acres treated, 2002                                                                                 | 8,553   | 848    | 1,074  | 4,144  | 707       | 69         | 10,229  | 6,744  |
| Chemicals used to control- <sup>1</sup>                                                                  |         |        |        |        |           |            |         |        |
| Insects .....farms, 2007                                                                                 | 241     | 22     | 28     | 1      | 56        | 7          | 170     | 160    |
| .....farms, 2002                                                                                         | 224     | 15     | 27     | 5      | 69        | 2          | 231     | 164    |
| .....acres treated, 2007                                                                                 | 60,824  | 448    | 3,998  | (D)    | 3,633     | 744        | 22,528  | 14,148 |
| .....acres treated, 2002                                                                                 | 36,516  | 1,178  | 2,737  | (D)    | 690       | (D)        | 33,362  | 24,398 |
| Weeds, grass, or brush .....farms, 2007                                                                  | 262     | 88     | 28     | 24     | 122       | 43         | 281     | 216    |
| .....farms, 2002                                                                                         | 180     | 38     | 10     | 24     | 165       | 53         | 217     | 197    |
| .....acres treated, 2007                                                                                 | 61,008  | 4,122  | 2,170  | 3,210  | 17,343    | 12,929     | 21,072  | 13,629 |
| .....acres treated, 2002                                                                                 | 26,189  | 2,082  | 573    | 1,665  | 7,443     | 6,775      | 18,645  | 17,470 |
| Nematodes .....farms, 2007                                                                               | 12      | -      | -      | -      | 2         | -          | 4       | 10     |
| .....farms, 2002                                                                                         | 20      | -      | 1      | -      | 1         | -          | 5       | -      |
| .....acres treated, 2007                                                                                 | 1,333   | -      | -      | -      | (D)       | -          | (D)     | 243    |
| .....acres treated, 2002                                                                                 | 917     | -      | (D)    | -      | (D)       | -          | 150     | -      |
| Diseases in crops and orchards .....farms, 2007                                                          | 8       | -      | -      | -      | 10        | 1          | 5       | 17     |
| .....farms, 2002                                                                                         | 10      | 1      | -      | -      | 24        | 2          | 9       | 1      |
| .....acres treated, 2007                                                                                 | 934     | -      | -      | -      | 39        | (D)        | 5       | (D)    |
| .....acres treated, 2002                                                                                 | 374     | (D)    | -      | -      | 54        | (D)        | 9       | (D)    |
| Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007 | 19      | 2      | -      | 3      | 6         | 1          | 5       | 4      |
| .....farms, 2002                                                                                         | 1       | 1      | -      | -      | 1         | -          | -       | 9      |
| .....acres treated, 2007                                                                                 | 1,401   | (D)    | -      | 18     | 7         | (D)        | 132     | 5      |
| .....acres treated, 2002                                                                                 | (D)     | (D)    | -      | -      | (D)       | -          | -       | 121    |
| Item                                                                                                     | Summit  | Tooele | Uintah | Utah   | Wasatch   | Washington | Wayne   | Weber  |
| Commercial fertilizer, lime, and soil conditioners <sup>1 2</sup> .....farms, 2007                       | 132     | 67     | 344    | 973    | 138       | 215        | 113     | 401    |
| .....farms, 2002                                                                                         | (NA)    | (NA)   | (NA)   | (NA)   | (NA)      | (NA)       | (NA)    | (NA)   |
| .....acres treated, 2007                                                                                 | 9,513   | 12,685 | 48,736 | 45,199 | 2,906     | 6,084      | 7,133   | 17,028 |
| .....acres treated, 2002                                                                                 | 6,063   | 5,916  | 24,211 | 57,449 | 3,301     | 7,473      | 7,178   | 11,187 |
| Cropland fertilized, except cropland pastured .....farms, 2007                                           | 109     | 51     | 267    | 800    | 109       | 165        | 109     | 316    |
| .....farms, 2002                                                                                         | 60      | 69     | 237    | 932    | 124       | 130        | 79      | 318    |
| .....acres treated, 2007                                                                                 | 6,356   | (D)    | 24,202 | 39,592 | 2,140     | 5,048      | 6,744   | 13,253 |
| .....acres treated, 2002                                                                                 | (D)     | 5,075  | 19,947 | 52,755 | 2,790     | 5,709      | 6,954   | 10,040 |
| Pastureland and rangeland fertilized .....farms, 2007                                                    | 41      | 23     | 135    | 326    | 50        | 74         | 20      | 159    |
| .....farms, 2002                                                                                         | 19      | 32     | 119    | 299    | 38        | 50         | 10      | 99     |
| .....acres treated, 2007                                                                                 | 3,157   | (D)    | 24,534 | 5,607  | 766       | 1,036      | 389     | 3,775  |
| .....acres treated, 2002                                                                                 | (D)     | 841    | 4,264  | 4,694  | 511       | 1,764      | 224     | 1,147  |
| Manure <sup>1</sup> .....farms, 2007                                                                     | 74      | 39     | 135    | 442    | 70        | 73         | 84      | 178    |
| .....farms, 2002                                                                                         | 44      | 48     | 85     | 456    | 90        | 42         | 56      | 218    |
| .....acres treated, 2007                                                                                 | 6,752   | 1,395  | 4,602  | 16,583 | 1,088     | 718        | 2,764   | 3,029  |
| .....acres treated, 2002                                                                                 | 1,655   | 3,070  | 2,611  | 12,308 | 1,682     | 940        | 2,149   | 4,441  |
| Chemicals used to control- <sup>1</sup>                                                                  |         |        |        |        |           |            |         |        |
| Insects .....farms, 2007                                                                                 | 5       | 13     | 82     | 498    | 19        | 90         | 67      | 105    |
| .....farms, 2002                                                                                         | 17      | 23     | 48     | 593    | 27        | 64         | 21      | 76     |
| .....acres treated, 2007                                                                                 | (D)     | 906    | 7,417  | 20,776 | 225       | 1,796      | 4,389   | 3,754  |
| .....acres treated, 2002                                                                                 | 1,490   | 7,357  | 1,120  | 17,618 | 606       | 4,260      | 2,185   | 3,124  |
| Weeds, grass, or brush .....farms, 2007                                                                  | 107     | 69     | 193    | 719    | 76        | 138        | 54      | 352    |
| .....farms, 2002                                                                                         | 45      | 88     | 109    | 708    | 96        | 52         | 15      | 345    |
| .....acres treated, 2007                                                                                 | 4,754   | 5,965  | 8,488  | 40,355 | 862       | 8,606      | 1,858   | 14,604 |
| .....acres treated, 2002                                                                                 | 4,596   | 2,776  | 2,131  | 38,176 | 1,900     | 1,974      | 241     | 8,541  |
| Nematodes .....farms, 2007                                                                               | -       | -      | 2      | 22     | -         | 2          | -       | 6      |
| .....farms, 2002                                                                                         | -       | -      | -      | 8      | -         | 6          | -       | 1      |
| .....acres treated, 2007                                                                                 | -       | -      | (D)    | 895    | -         | (D)        | -       | 139    |
| .....acres treated, 2002                                                                                 | -       | -      | -      | 176    | -         | 325        | -       | (D)    |
| Diseases in crops and orchards .....farms, 2007                                                          | -       | 1      | 1      | 113    | 6         | 28         | -       | 15     |
| .....farms, 2002                                                                                         | -       | -      | -      | 143    | -         | 14         | -       | 13     |
| .....acres treated, 2007                                                                                 | -       | (D)    | (D)    | 3,443  | 56        | 211        | -       | 240    |
| .....acres treated, 2002                                                                                 | -       | -      | -      | 3,777  | -         | 139        | -       | 37     |
| Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007 | -       | -      | 3      | 70     | 1         | 14         | 2       | 6      |
| .....farms, 2002                                                                                         | -       | -      | 7      | 61     | 7         | -          | 8       | -      |
| .....acres treated, 2007                                                                                 | -       | -      | (D)    | 1,813  | (D)       | 90         | (D)     | 174    |
| .....acres treated, 2002                                                                                 | -       | -      | 105    | 1,661  | 21        | -          | 9       | -      |

<sup>1</sup> 2002 data are based on a sample of farms.

<sup>2</sup> 2002 farm count data are not comparable due to calculation change.