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Released March 8, 2013, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

## Orange Production Down 1 Percent from February

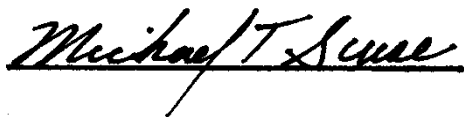
**The United States all orange** forecast for the 2012-2013 season is 8.68 million tons, down 1 percent from the previous forecast and down 4 percent from the 2011-2012 final utilization. The Florida all orange forecast, at 139 million boxes (6.26 million tons), is down 1 percent from the February forecast and down 5 percent from last season's final utilization. Early, midseason, and Navel varieties in Florida are forecast at 67.0 million boxes (3.02 million tons), up 2 percent from the February forecast but down 10 percent from last season. This increase was based on utilization data as of March 1. The Florida Valencia orange forecast, at 72.0 million boxes (3.24 million tons), is down 4 percent from the February forecast due to a sharp increase in droppage.

The California Valencia orange forecast is 12.5 million boxes (500,000 tons), down 4 percent from the previous forecast. This brings California's all orange forecast to 59.0 million boxes (2.36 million tons), down 1 percent from the January forecast. Objective survey measurements taken during January and February indicated that fruit set per tree was higher than the previous year, but measured average fruit size was smaller than the previous year. The forecast for Texas is carried forward from January.

**Florida frozen concentrated orange juice (FCOJ)** yield forecast for the 2012-2013 season is 1.61 gallons per box at 42.0 degrees Brix, down 1 percent from the January forecast and down 1 percent from last season's final yield of 1.63 gallons per box. The early-midseason portion is projected at 1.51 gallons per box, down 1 percent from last season's yield of 1.53 gallons per box. The Valencia portion is projected at 1.71 gallons per box, 2 percent lower than last year's final yield of 1.75 gallons per box. All projections of yield assume the processing relationships this season will be similar to those of the past several seasons.

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This report was approved on March 8, 2013.



Acting Secretary of  
Agriculture  
Michael T. Scuse



Agricultural Statistics Board  
Chairperson  
Hubert Hamer

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## Sugarcane Area Harvested, Yield, and Production by Use – States and United States: 2011 and 2012

| Use and State                | Area harvested        |                       | Yield per acre <sup>1</sup> |                | Production <sup>1</sup> |                      |
|------------------------------|-----------------------|-----------------------|-----------------------------|----------------|-------------------------|----------------------|
|                              | 2011<br>(1,000 acres) | 2012<br>(1,000 acres) | 2011<br>(tons)              | 2012<br>(tons) | 2011<br>(1,000 tons)    | 2012<br>(1,000 tons) |
| <b>For sugar</b>             |                       |                       |                             |                |                         |                      |
| Florida .....                | 380.0                 | 390.0                 | 37.5                        | 36.9           | 14,250                  | 14,391               |
| Hawaii <sup>2</sup> .....    | 15.1                  | 15.5                  | 85.2                        | 84.8           | 1,287                   | 1,314                |
| Louisiana <sup>2</sup> ..... | 385.0                 | 400.0                 | 27.6                        | 33.0           | 10,626                  | 13,200               |
| Texas <sup>2</sup> .....     | 47.0                  | 43.0                  | 33.5                        | 35.9           | 1,575                   | 1,544                |
| United States .....          | 827.1                 | 848.5                 | 33.5                        | 35.9           | 27,738                  | 30,449               |
| <b>For seed</b>              |                       |                       |                             |                |                         |                      |
| Florida .....                | 17.0                  | 17.0                  | 40.0                        | 42.9           | 680                     | 729                  |
| Hawaii <sup>2</sup> .....    | 1.5                   | 1.5                   | 30.0                        | 30.0           | 45                      | 45                   |
| Louisiana <sup>2</sup> ..... | 25.0                  | 28.0                  | 27.6                        | 33.0           | 690                     | 924                  |
| Texas <sup>2</sup> .....     | 2.0                   | 1.0                   | 35.5                        | 32.0           | 71                      | 32                   |
| United States .....          | 45.5                  | 47.5                  | 32.7                        | 36.4           | 1,486                   | 1,730                |
| <b>For sugar and seed</b>    |                       |                       |                             |                |                         |                      |
| Florida .....                | 397.0                 | 407.0                 | 37.6                        | 37.1           | 14,930                  | 15,120               |
| Hawaii <sup>2</sup> .....    | 16.6                  | 17.0                  | 80.2                        | 79.9           | 1,332                   | 1,359                |
| Louisiana <sup>2</sup> ..... | 410.0                 | 428.0                 | 27.6                        | 33.0           | 11,316                  | 14,124               |
| Texas <sup>2</sup> .....     | 49.0                  | 44.0                  | 33.6                        | 35.8           | 1,646                   | 1,576                |
| United States .....          | 872.6                 | 896.0                 | 33.5                        | 35.9           | 29,224                  | 32,179               |

<sup>1</sup> Net tons.

<sup>2</sup> Estimates are carried forward from the *Crop Production 2012 Summary* released January 2013.

## Utilized Production of Citrus Fruits by Crop – States and United States: 2011-2012 and Forecasted March 1, 2013

[The crop year begins with the bloom of the first year shown and ends with the completion of harvest the following year]

| Crop and State                     | Utilized production boxes <sup>1</sup> |               | Utilized production ton equivalent |              |
|------------------------------------|--|---------------|------------------------------------|--------------|
|                                    | 2011-2012                              | 2012-2013     | 2011-2012                          | 2012-2013    |
|                                    | (1,000 boxes)                          | (1,000 boxes) | (1,000 tons)                       | (1,000 tons) |
| <b>Oranges</b>                     |  |               |                                    |              |
| Early, mid, and Navel <sup>2</sup> |  |               |                                    |              |
| California <sup>3</sup> .....      | 45,500                                 | 46,500        | 1,820                              | 1,860        |
| Florida .....                      | 74,200                                 | 67,000        | 3,339                              | 3,015        |
| Texas <sup>3</sup> .....           | 1,108                                  | 1,220         | 47                                 | 52           |
| United States .....                | 120,808                                | 114,720       | 5,206                              | 4,927        |
| Valencia                           |  |               |                                    |              |
| California .....                   | 13,500                                 | 12,500        | 540                                | 500          |
| Florida .....                      | 72,400                                 | 72,000        | 3,258                              | 3,240        |
| Texas <sup>3</sup> .....           | 311                                    | 286           | 13                                 | 12           |
| United States .....                | 86,211                                 | 84,786        | 3,811                              | 3,752        |
| All                                |  |               |                                    |              |
| California .....                   | 59,000                                 | 59,000        | 2,360                              | 2,360        |
| Florida .....                      | 146,600                                | 139,000       | 6,597                              | 6,255        |
| Texas <sup>3</sup> .....           | 1,419                                  | 1,506         | 60                                 | 64           |
| United States .....                | 207,019                                | 199,506       | 9,017                              | 8,679        |
| <b>Grapefruit</b>                  |  |               |                                    |              |
| White                              |  |               |                                    |              |
| Florida .....                      | 5,350                                  | 4,500         | 228                                | 191          |
| Colored                            |  |               |                                    |              |
| Florida .....                      | 13,500                                 | 12,500        | 574                                | 531          |
| All                                |  |               |                                    |              |
| California <sup>3</sup> .....      | 4,400                                  | 4,000         | 176                                | 160          |
| Florida .....                      | 18,850                                 | 17,000        | 802                                | 722          |
| Texas <sup>3</sup> .....           | 4,800                                  | 5,280         | 192                                | 211          |
| United States .....                | 28,050                                 | 26,280        | 1,170                              | 1,093        |
| <b>Tangerines and mandarins</b>    |  |               |                                    |              |
| Arizona <sup>3 4</sup> .....       | 200                                    | 200           | 8                                  | 8            |
| California <sup>3 4</sup> .....    | 10,900                                 | 11,800        | 436                                | 472          |
| Florida .....                      | 4,290                                  | 3,700         | 204                                | 176          |
| United States .....                | 15,390                                 | 15,700        | 648                                | 656          |
| <b>Lemons <sup>3</sup></b>         |  |               |                                    |              |
| Arizona .....                      | 750                                    | 1,800         | 30                                 | 72           |
| California .....                   | 20,500                                 | 20,500        | 820                                | 820          |
| United States .....                | 21,250                                 | 22,300        | 850                                | 892          |
| <b>Tangelos</b>                    |  |               |                                    |              |
| Florida .....                      | 1,150                                  | 1,000         | 52                                 | 45           |

<sup>1</sup> Net pounds per box: oranges in California-80, Florida-90, Texas-85; grapefruit in California-80, Florida-85, Texas-80; tangerines and mandarins in Arizona and California-80, Florida-95; lemons-80; tangelos-90.

<sup>2</sup> Navel and miscellaneous varieties in California. Early (including Navel) and midseason varieties in Florida and Texas. Small quantities of tangerines in Texas and Temples in Florida.

<sup>3</sup> Estimates for current year carried forward from previous forecast.

<sup>4</sup> Includes tangelos and tangors.

## Crop Area Planted and Harvested, Yield, and Production in Domestic Units – United States: 2012 and 2013

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2013 crop year. Blank data cells indicate estimation period has not yet begun]

| Crop                                    | Area planted  |               | Area harvested |               |
|---|---------------|---------------|----------------|---------------|
|   | 2012          | 2013          | 2012           | 2013          |
|   | (1,000 acres) | (1,000 acres) | (1,000 acres)  | (1,000 acres) |
| <b>Grains and hay</b>                   |               |               |                |               |
| Barley .....                            | 3,637         |               | 3,244          |               |
| Corn for grain <sup>1</sup> .....       | 97,155        |               | 87,375         |               |
| Corn for silage .....                   | (NA)          |               | 7,379          |               |
| Hay, all .....                          | (NA)          |               | 56,260         |               |
| Alfalfa .....                           | (NA)          |               | 17,292         |               |
| All other .....                         | (NA)          |               | 38,968         |               |
| Oats .....                              | 2,760         |               | 1,045          |               |
| Proso millet .....                      | 335           |               | 205            |               |
| Rice .....                              | 2,699         |               | 2,678          |               |
| Rye .....                               | 1,300         |               | 248            |               |
| Sorghum for grain <sup>1</sup> .....    | 6,244         |               | 4,955          |               |
| Sorghum for silage .....                | (NA)          |               | 363            |               |
| Wheat, all .....                        | 55,736        |               | 48,991         |               |
| Winter .....                            | 41,324        | 41,820        | 34,834         |               |
| Durum .....                             | 2,123         |               | 2,102          |               |
| Other spring .....                      | 12,289        |               | 12,055         |               |
| <b>Oilseeds</b>                         |               |               |                |               |
| Canola .....                            | 1,765.0       |               | 1,729.0        |               |
| Cottonseed .....                        | (X)           |               | (X)            |               |
| Flaxseed .....                          | 344           |               | 336            |               |
| Mustard seed .....                      | 51.1          |               | 49.7           |               |
| Peanuts .....                           | 1,638.0       |               | 1,608.0        |               |
| Rapeseed .....                          | 2.2           |               | 2.1            |               |
| Safflower .....                         | 169.8         |               | 160.1          |               |
| Soybeans for beans .....                | 77,198        |               | 76,104         |               |
| Sunflower .....                         | 1,919.0       |               | 1,841.0        |               |
| <b>Cotton, tobacco, and sugar crops</b> |               |               |                |               |
| Cotton, all .....                       | 12,315.4      |               | 9,426.8        |               |
| Upland .....                            | 12,077.0      |               | 9,190.0        |               |
| American Pima .....                     | 238.4         |               | 236.8          |               |
| Sugarbeets .....                        | 1,230.1       |               | 1,204.2        |               |
| Sugarcane .....                         | (NA)          |               | 896.0          |               |
| Tobacco .....                           | (NA)          |               | 336.2          |               |
| <b>Dry beans, peas, and lentils</b>     |               |               |                |               |
| Austrian winter peas .....              | 19.0          |               | 13.7           |               |
| Dry edible beans .....                  | 1,742.5       |               | 1,690.4        |               |
| Dry edible peas .....                   | 649.0         |               | 621.0          |               |
| Lentils .....                           | 463.0         |               | 450.0          |               |
| Wrinkled seed peas .....                | (NA)          |               | (NA)           |               |
| <b>Potatoes and miscellaneous</b>       |               |               |                |               |
| Coffee (Hawaii) .....                   | (NA)          |               | 6.1            |               |
| Hops .....                              | (NA)          |               | 31.9           |               |
| Peppermint oil .....                    | (NA)          |               | 76.0           |               |
| Potatoes, all .....                     | 1,148.3       |               | 1,132.7        |               |
| Spring .....                            | 96.8          |               | 94.6           |               |
| Summer .....                            | 49.8          |               | 48.5           |               |
| Fall .....                              | 1,001.7       |               | 989.6          |               |
| Spearmint oil .....                     | (NA)          |               | 20.0           |               |
| Sweet potatoes .....                    | 130.5         |               | 126.6          |               |
| Taro (Hawaii) <sup>2</sup> .....        | (NA)          |               | 0.4            |               |

See footnote(s) at end of table.

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## Crop Area Planted and Harvested, Yield, and Production in Domestic Units – United States: 2012 and 2013 (continued)

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2013 crop year. Blank data cells indicate estimation period has not yet begun]

| Crop                                    | Yield per acre |       | Production |         |
|---|----------------|-------|------------|---------|
|   | 2012           | 2013  | 2012       | 2013    |
|   |                |       | (1,000)    | (1,000) |
| <b>Grains and hay</b>                   |                |       |            |         |
| Barley .....                            | bushels        | 67.9  | 220,284    |         |
| Corn for grain .....                    | bushels        | 123.4 | 10,780,296 |         |
| Corn for silage .....                   | tons           | 15.4  | 113,450    |         |
| Hay, all .....                          | tons           | 2.13  | 119,878    |         |
| Alfalfa .....                           | tons           | 3.01  | 52,049     |         |
| All other .....                         | tons           | 1.74  | 67,829     |         |
| Oats .....                              | bushels        | 61.3  | 64,024     |         |
| Proso millet .....                      | bushels        | 15.1  | 3,090      |         |
| Rice <sup>3</sup> .....                 | cwt            | 7,449 | 199,479    |         |
| Rye .....                               | bushels        | 28.0  | 6,944      |         |
| Sorghum for grain .....                 | bushels        | 49.8  | 246,932    |         |
| Sorghum for silage .....                | tons           | 11.4  | 4,135      |         |
| Wheat, all .....                        | bushels        | 46.3  | 2,269,117  |         |
| Winter .....                            | bushels        | 47.2  | 1,645,202  |         |
| Durum .....                             | bushels        | 39.0  | 81,956     |         |
| Other spring .....                      | bushels        | 45.0  | 541,959    |         |
| <b>Oilseeds</b>                         |                |       |            |         |
| Canola .....                            | pounds         | 1,416 | 2,447,410  |         |
| Cottonseed .....                        | tons           | (X)   | 5,759.0    |         |
| Flaxseed .....                          | bushels        | 17.1  | 5,762      |         |
| Mustard seed .....                      | pounds         | 602   | 29,930     |         |
| Peanuts .....                           | pounds         | 4,192 | 6,741,400  |         |
| Rapeseed .....                          | pounds         | 2,205 | 4,630      |         |
| Safflower .....                         | pounds         | 1,121 | 179,424    |         |
| Soybeans for beans .....                | bushels        | 39.6  | 3,014,998  |         |
| Sunflower .....                         | pounds         | 1,513 | 2,785,695  |         |
| <b>Cotton, tobacco, and sugar crops</b> |                |       |            |         |
| Cotton, all <sup>3</sup> .....          | bales          | 866   | 17,009.9   |         |
| Upland <sup>3</sup> .....               | bales          | 849   | 16,250.0   |         |
| American Pima <sup>3</sup> .....        | bales          | 1,540 | 759.9      |         |
| Sugarbeets .....                        | tons           | 29.3  | 35,236     |         |
| Sugarcane .....                         | tons           | 35.9  | 32,179     |         |
| Tobacco .....                           | pounds         | 2,268 | 762,441    |         |
| <b>Dry beans, peas, and lentils</b>     |                |       |            |         |
| Austrian winter peas <sup>3</sup> ..... | cwt            | 1,219 | 167        |         |
| Dry edible beans <sup>3</sup> .....     | cwt            | 1,889 | 31,925     |         |
| Dry edible peas <sup>3</sup> .....      | cwt            | 1,751 | 10,872     |         |
| Lentils <sup>3</sup> .....              | cwt            | 1,178 | 5,302      |         |
| Wrinkled seed peas .....                | cwt            | (NA)  | 406        |         |
| <b>Potatoes and miscellaneous</b>       |                |       |            |         |
| Coffee (Hawaii) .....                   | pounds         | 1,180 | 7,200      |         |
| Hops .....                              | pounds         | 1,918 | 61,249.2   |         |
| Peppermint oil .....                    | pounds         | 87    | 6,605      |         |
| Potatoes, all .....                     | cwt            | 412   | 467,126    |         |
| Spring .....                            | cwt            | 283   | 26,736     |         |
| Summer .....                            | cwt            | 368   | 17,855     |         |
| Fall .....                              | cwt            | 427   | 422,535    |         |
| Spearmint oil .....                     | pounds         | 120   | 2,390      |         |
| Sweet potatoes .....                    | cwt            | 209   | 26,482     |         |
| Taro (Hawaii) .....                     | pounds         | (NA)  | 3,400      |         |

(NA) Not available.

(X) Not applicable.

<sup>1</sup> Area planted for all purposes.

<sup>2</sup> Area is total acres in crop, not harvested acres.

<sup>3</sup> Yield in pounds.

## Crop Area Planted and Harvested, Yield, and Production in Metric Units – United States: 2012 and 2013

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2013 crop year. Blank data cells indicate estimation period has not yet begun]

| Crop                                    | Area planted |            | Area harvested |            |
|---|--------------|------------|----------------|------------|
|   | 2012         | 2013       | 2012           | 2013       |
|   | (hectares)   | (hectares) | (hectares)     | (hectares) |
| <b>Grains and hay</b>                   |              |            |                |            |
| Barley .....                            | 1,471,860    |            | 1,312,810      |            |
| Corn for grain <sup>1</sup> .....       | 39,317,660   |            | 35,359,790     |            |
| Corn for silage .....                   | (NA)         |            | 2,986,210      |            |
| Hay, all <sup>2</sup> .....             | (NA)         |            | 22,767,860     |            |
| Alfalfa .....                           | (NA)         |            | 6,997,900      |            |
| All other .....                         | (NA)         |            | 15,769,960     |            |
| Oats .....                              | 1,116,940    |            | 422,900        |            |
| Proso millet .....                      | 135,570      |            | 82,960         |            |
| Rice .....                              | 1,092,260    |            | 1,083,760      |            |
| Rye .....                               | 526,100      |            | 100,360        |            |
| Sorghum for grain <sup>1</sup> .....    | 2,526,880    |            | 2,005,240      |            |
| Sorghum for silage .....                | (NA)         |            | 146,900        |            |
| Wheat, all <sup>2</sup> .....           | 22,555,800   |            | 19,826,170     |            |
| Winter .....                            | 16,723,410   | 16,924,140 | 14,096,970     |            |
| Durum .....                             | 859,160      |            | 850,660        |            |
| Other spring .....                      | 4,973,240    |            | 4,878,540      |            |
| <b>Oilseeds</b>                         |              |            |                |            |
| Canola .....                            | 714,280      |            | 699,710        |            |
| Cottonseed .....                        | (X)          |            | (X)            |            |
| Flaxseed .....                          | 139,210      |            | 135,980        |            |
| Mustard seed .....                      | 20,680       |            | 20,110         |            |
| Peanuts .....                           | 662,880      |            | 650,740        |            |
| Rapeseed .....                          | 890          |            | 850            |            |
| Safflower .....                         | 68,720       |            | 64,790         |            |
| Soybeans for beans .....                | 31,241,260   |            | 30,798,530     |            |
| Sunflower .....                         | 776,600      |            | 745,030        |            |
| <b>Cotton, tobacco, and sugar crops</b> |              |            |                |            |
| Cotton, all <sup>2</sup> .....          | 4,983,920    |            | 3,814,930      |            |
| Upland .....                            | 4,887,440    |            | 3,719,100      |            |
| American Pima .....                     | 96,480       |            | 95,830         |            |
| Sugarbeets .....                        | 497,810      |            | 487,330        |            |
| Sugarcane .....                         | (NA)         |            | 362,600        |            |
| Tobacco .....                           | (NA)         |            | 136,070        |            |
| <b>Dry beans, peas, and lentils</b>     |              |            |                |            |
| Austrian winter peas .....              | 7,690        |            | 5,540          |            |
| Dry edible beans .....                  | 705,170      |            | 684,090        |            |
| Dry edible peas .....                   | 262,640      |            | 251,310        |            |
| Lentils .....                           | 187,370      |            | 182,110        |            |
| Wrinkled seed peas .....                | (NA)         |            | (NA)           |            |
| <b>Potatoes and miscellaneous</b>       |              |            |                |            |
| Coffee (Hawaii) .....                   | (NA)         |            | 2,470          |            |
| Hops .....                              | (NA)         |            | 12,920         |            |
| Peppermint oil .....                    | (NA)         |            | 30,760         |            |
| Potatoes, all <sup>2</sup> .....        | 464,710      |            | 458,390        |            |
| Spring .....                            | 39,170       |            | 38,280         |            |
| Summer .....                            | 20,150       |            | 19,630         |            |
| Fall .....                              | 405,380      |            | 400,480        |            |
| Spearmint oil .....                     | (NA)         |            | 8,090          |            |
| Sweet potatoes .....                    | 52,810       |            | 51,230         |            |
| Taro (Hawaii) <sup>3</sup> .....        | (NA)         |            | 160            |            |

See footnote(s) at end of table.

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**Crop Area Planted and Harvested, Yield, and Production in Metric Units – United States:  
2012 and 2013 (continued)**

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2013 crop year. Blank data cells indicate estimation period has not yet begun]

| Crop                                    | Yield per hectare |               | Production    |               |
|---|-------------------|---------------|---------------|---------------|
|   | 2012              | 2013          | 2012          | 2013          |
|   | (metric tons)     | (metric tons) | (metric tons) | (metric tons) |
| <b>Grains and hay</b>                   |                   |               |               |               |
| Barley .....                            | 3.65              |               | 4,796,120     |               |
| Corn for grain .....                    | 7.74              |               | 273,832,130   |               |
| Corn for silage .....                   | 34.47             |               | 102,920,110   |               |
| Hay, all <sup>2</sup> .....             | 4.78              |               | 108,751,490   |               |
| Alfalfa .....                           | 6.75              |               | 47,218,060    |               |
| All other .....                         | 3.90              |               | 61,533,430    |               |
| Oats .....                              | 2.20              |               | 929,310       |               |
| Proso millet .....                      | 0.84              |               | 70,080        |               |
| Rice .....                              | 8.35              |               | 9,048,220     |               |
| Rye .....                               | 1.76              |               | 176,390       |               |
| Sorghum for grain .....                 | 3.13              |               | 6,272,360     |               |
| Sorghum for silage .....                | 25.54             |               | 3,751,210     |               |
| Wheat, all <sup>2</sup> .....           | 3.11              |               | 61,755,240    |               |
| Winter .....                            | 3.18              |               | 44,775,060    |               |
| Durum .....                             | 2.62              |               | 2,230,480     |               |
| Other spring .....                      | 3.02              |               | 14,749,710    |               |
| <b>Oilseeds</b>                         |                   |               |               |               |
| Canola .....                            | 1.59              |               | 1,110,130     |               |
| Cottonseed .....                        | (X)               |               | 5,224,480     |               |
| Flaxseed .....                          | 1.08              |               | 146,360       |               |
| Mustard seed .....                      | 0.67              |               | 13,580        |               |
| Peanuts .....                           | 4.70              |               | 3,057,850     |               |
| Rapeseed .....                          | 2.47              |               | 2,100         |               |
| Safflower .....                         | 1.26              |               | 81,390        |               |
| Soybeans for beans .....                | 2.66              |               | 82,054,800    |               |
| Sunflower .....                         | 1.70              |               | 1,263,570     |               |
| <b>Cotton, tobacco, and sugar crops</b> |                   |               |               |               |
| Cotton, all <sup>2</sup> .....          | 0.97              |               | 3,703,470     |               |
| Upland .....                            | 0.95              |               | 3,538,020     |               |
| American Pima .....                     | 1.73              |               | 165,450       |               |
| Sugarbeets .....                        | 65.59             |               | 31,965,560    |               |
| Sugarcane .....                         | 80.51             |               | 29,192,300    |               |
| Tobacco .....                           | 2.54              |               | 345,840       |               |
| <b>Dry beans, peas, and lentils</b>     |                   |               |               |               |
| Austrian winter peas .....              | 1.37              |               | 7,570         |               |
| Dry edible beans .....                  | 2.12              |               | 1,448,090     |               |
| Dry edible peas .....                   | 1.96              |               | 493,150       |               |
| Lentils .....                           | 1.32              |               | 240,490       |               |
| Wrinkled seed peas .....                | (NA)              |               | 18,420        |               |
| <b>Potatoes and miscellaneous</b>       |                   |               |               |               |
| Coffee (Hawaii) .....                   | 1.32              |               | 3,270         |               |
| Hops .....                              | 2.15              |               | 27,780        |               |
| Peppermint oil .....                    | 0.10              |               | 3,000         |               |
| Potatoes, all <sup>2</sup> .....        | 46.22             |               | 21,188,480    |               |
| Spring .....                            | 31.68             |               | 1,212,720     |               |
| Summer .....                            | 41.26             |               | 809,890       |               |
| Fall .....                              | 47.86             |               | 19,165,870    |               |
| Spearmint oil .....                     | 0.13              |               | 1,080         |               |
| Sweet potatoes .....                    | 23.45             |               | 1,201,200     |               |
| Taro (Hawaii) .....                     | (NA)              |               | 1,540         |               |

(NA) Not available.

(X) Not applicable.

<sup>1</sup> Area planted for all purposes.

<sup>2</sup> Total may not add due to rounding.

<sup>3</sup> Area is total hectares in crop, not harvested hectares.

## Fruits and Nuts Production in Domestic Units – United States: 2012 and 2013

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2013 crop year, except citrus which is for the 2012-2013 season. Blank data cells indicate estimation period has not yet begun]

| Crop   | Production |         |
|--|------------|---------|
|  | 2012       | 2013    |
|  | (1,000)    | (1,000) |
| <b>Citrus</b> <sup>1</sup>                       |            |         |
| Grapefruit .....tons                             | 1,170      | 1,093   |
| Lemons .....tons                                 | 850        | 892     |
| Oranges .....tons                                | 9,017      | 8,679   |
| Tangelos (Florida) .....tons                     | 52         | 45      |
| Tangerines and mandarins .....tons               | 648        | 656     |
| <b>Noncitrus</b>                                 |            |         |
| Apples ..... 1,000 pounds                        | 9,061.1    |         |
| Apricots .....tons                               | 60.8       |         |
| Bananas (Hawaii) .....pounds                     |            |         |
| Grapes .....tons                                 | 7,343.4    |         |
| Olives (California) .....tons                    | 160.0      |         |
| Papayas (Hawaii) .....pounds                     |            |         |
| Peaches .....tons                                | 978.3      |         |
| Pears .....tons                                  | 858.2      |         |
| Prunes, dried (California) .....tons             | 125.0      |         |
| Prunes and plums (excludes California) .....tons | 13.2       |         |
| <b>Nuts and miscellaneous</b>                    |            |         |
| Almonds, shelled (California) .....pounds        | 2,000,000  |         |
| Hazelnuts, in-shell (Oregon) .....tons           | 34.7       |         |
| Pecans, in-shell .....pounds                     | 302,800    |         |
| Walnuts, in-shell (California) .....tons         | 470        |         |
| Maple syrup .....gallons                         | 1,908      |         |

<sup>1</sup> Production years are 2011-2012 and 2012-2013.

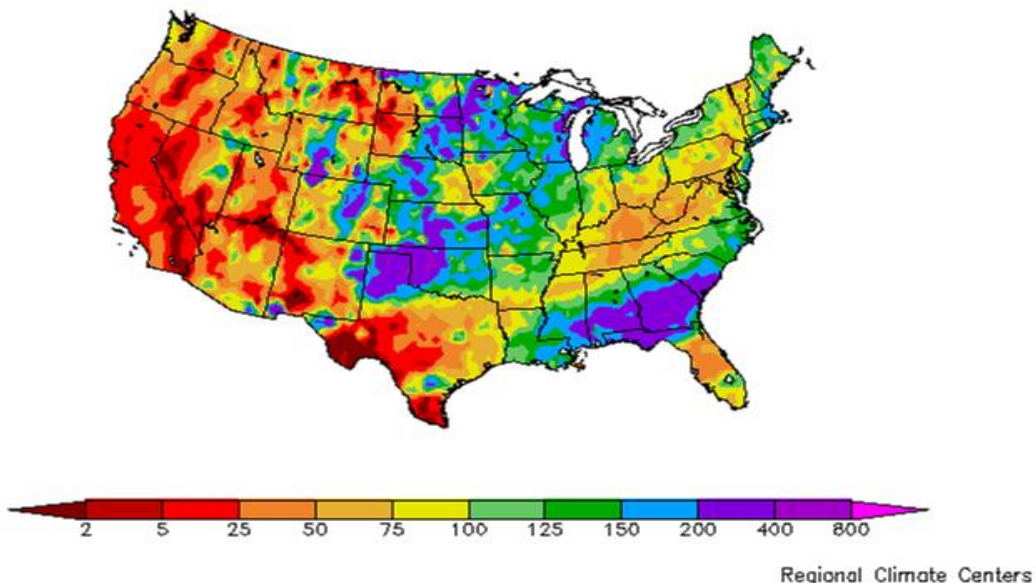
## Fruits and Nuts Production in Metric Units – United States: 2012 and 2013

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2013 crop year, except citrus which is for the 2012-2013 season. Blank cells indicate estimation period has not yet begun]

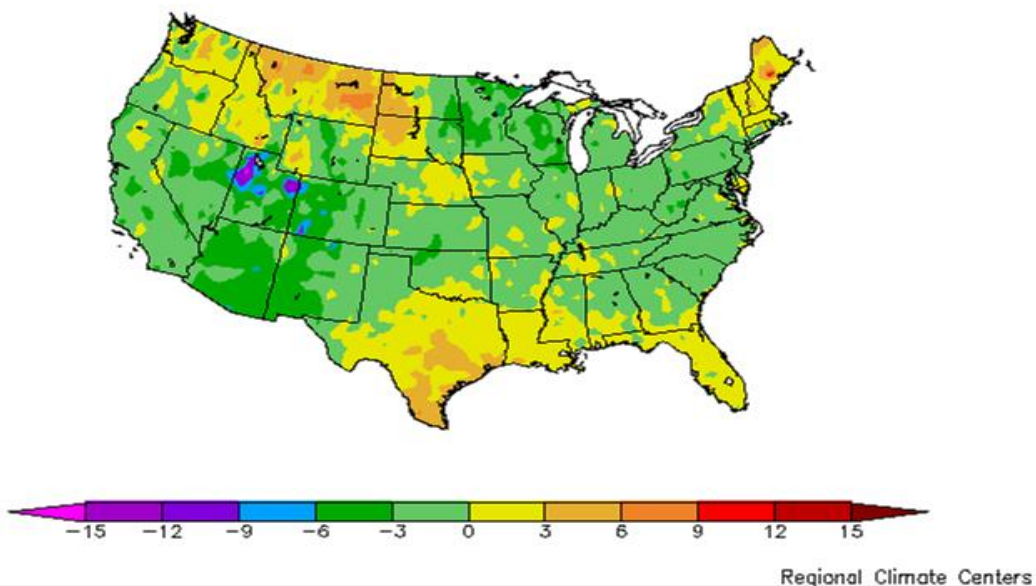
| Crop   | Production            |                       |
|--|-----------------------|-----------------------|
|  | 2012<br>(metric tons) | 2013<br>(metric tons) |
| <b>Citrus <sup>1</sup></b>                   |                       |                       |
| Grapefruit .....                             | 1,061,410             | 991,550               |
| Lemons .....                                 | 771,110               | 809,210               |
| Oranges .....                                | 8,180,080             | 7,873,460             |
| Tangelos (Florida) .....                     | 47,170                | 40,820                |
| Tangerines and mandarins .....               | 587,860               | 595,110               |
| <b>Noncitrus</b>                             |                       |                       |
| Apples .....                                 | 4,110,050             |                       |
| Apricots .....                               | 55,160                |                       |
| Bananas (Hawaii) .....                       |                       |                       |
| Grapes .....                                 | 6,661,820             |                       |
| Olives (California) .....                    | 145,150               |                       |
| Papayas (Hawaii) .....                       |                       |                       |
| Peaches .....                                | 887,460               |                       |
| Pears .....                                  | 778,580               |                       |
| Prunes, dried (California) .....             | 113,400               |                       |
| Prunes and plums (excludes California) ..... | 12,010                |                       |
| <b>Nuts and miscellaneous</b>                |                       |                       |
| Almonds, shelled (California) .....          | 907,180               |                       |
| Hazelnuts, in-shell (Oregon) .....           | 31,480                |                       |
| Pecans, in-shell .....                       | 137,350               |                       |
| Walnuts, in-shell (California) .....         | 426,380               |                       |
| Maple syrup .....                            | 9,540                 |                       |

<sup>1</sup> Production years are 2011-2012 and 2012-2013.

Percent of Normal Precipitation (%)  
2/1/2013 - 2/28/2013



Departure from Normal Temperature (F)  
2/1/2013 - 2/28/2013



## February Weather Summary

For many areas east of the Rockies, particularly across the Midwestern and Mid-Atlantic States, February was the coldest month during the winter of 2012-13. Conversely, warmth continued across the Deep South, from southern Texas to Florida's peninsula, where some early planting activities and blooming were noted by the end of February.

February precipitation highlights included heavy rain in the lower Southeast and several late-winter storms across the Plains and Midwest. Southeastern storms led to some record-high February precipitation totals and lowland flooding; however, rainfall largely bypassed Florida's peninsula - where producers continued to irrigate citrus and other crops.

Across the Plains and Midwest, the most intense storms struck during the second half of the month, from February 20-22 and 25-27. Both late-month storms produced heavy, wind-driven snow in various parts of the central and southern Plains and Midwest, stressing livestock and disrupting travel, but providing beneficial topsoil moisture and insulation for rangeland, pastures, and winter wheat.

Elsewhere, drier-than-normal weather dominated across southern Texas and nearly all areas west of the Rockies during February. In fact, disappointing amounts of precipitation have fallen across much of the West since the beginning of 2013, diminishing prospects for spring and summer runoff and increasing water supply concerns from California to the central and southern Rockies.

## February Agricultural Summary

Near-normal temperatures blanketed much of the United States during February; however, beginning mid-month, a series of strong cold fronts delivered sub-freezing temperatures to many regions. Conversely, portions of Montana and New England recorded monthly temperatures averaging more than 6 degrees above normal. For much of the West, February was a relatively dry month, compounding the effects of preexisting soil moisture shortages. Monthly precipitation in portions of the northern Rocky Mountains and Southwest totaled less than 2 percent of normal. Elsewhere, beneficial rain and snow aided developing small grain crops in the central and southern Great Plains, as well as in the Southeast.

Mild temperatures coupled with mostly dry conditions allowed producers in the southern half of the country ample time to prepare farm equipment and fields for spring planting. Hay was steadily harvested from more than half of Arizona's alfalfa fields throughout the month. In Texas, row crop producers in the Plains regions applied fertilizers and herbicides ahead of forecasted precipitation, while dry conditions in the Edward's Plateau and South Central regions delayed cotton planting. Sugarcane harvest continued in Florida and Texas throughout the month.

Late-month storms delivered much-needed moisture to the hard red winter wheat growing region in the central and southern Great Plains, helping to improve crop condition. On February 24, thirty-six percent of Kansas' winter wheat was reported in very poor to poor condition, compared with 39 percent on January 27. Additionally, 86 percent of the crop was free of freeze damage following cold temperatures toward month's end despite limited snow cover. Fifty-four percent of the wheat crop in Oklahoma was reported in very poor to poor condition on February 24, compared with 69 percent on January 27. In California, small grain crops in southern locations were irrigated due to unfavorably dry conditions, while cool weather limited crop growth in northern portions of the State.

Warm temperatures in Florida prompted an early-month start to bud swell and bloom development in early variety tree fruit crops. Elsewhere, citrus producers in the San Joaquin Valley used wind machines and irrigation to protect their crops as overnight temperatures dipped to near freezing. Florida's early and mid-season citrus harvest neared completion mid-month, as the Valencia harvest gained speed toward month's end. General orchard and grove maintenance was ongoing throughout February.

## Crop Comments

**Sugarcane:** Production of sugarcane for sugar and seed in 2012 is estimated at 32.2 million tons, of which 30.4 million tons was utilized for sugar and 1.73 million tons for seed. Total production for sugar and seed is down 1 percent from

February but up 10 percent from 2011. Sugarcane producers harvested 896,000 acres for sugar and seed in 2012, down 3,000 acres from the February forecast. Yield for sugar and seed is estimated at 35.9 tons per acre, down 0.4 ton from February. In Florida, harvest continued with very few weather interruptions. Estimates for Hawaii, Louisiana, and Texas were carried forward from January.

**Grapefruit:** The 2012-2013 United States grapefruit crop is forecast at 1.09 million tons, down 4 percent from the February forecast and down 7 percent from last season's final utilization. In Florida, droppage for both white and colored grapefruit is expected to be the highest of any season not affected by a freeze or hurricane. The average size is expected to be the smallest since the 1968-1969 season. The row count survey conducted February 26-27 in Florida indicated that 30 percent of the white grapefruit and 50 percent of the colored grapefruit had been harvested. California and Texas grapefruit production forecasts are carried forward from the January 1 forecast.

**Tangelos:** Florida's tangelo forecast is 1.00 million boxes (45,000 tons), unchanged from the February forecast but down 13 percent from last season's final utilization. Florida's row count survey conducted February 26-27 showed 99 percent of the rows were harvested.

**Tangerines and mandarins:** The United States tangerine and mandarin crop is forecast at 656,000 tons, unchanged from the February forecast but up 1 percent from last season's final utilization. In Florida, sizes for all varieties of tangerines are expected to be below average with above average droppage. Arizona and California estimates are carried forward from the January 1 forecast.

**Florida citrus:** In the citrus growing region, high temperatures for the month were in the mid 70s to low 80s. Lows reached the upper 20s in the northern areas, but no damage was reported. Rainfall was sparse, worsening the drought conditions in nearly all of the citrus producing regions. Harvesting of early and mid oranges neared completion. Harvesting of grapefruit, tangelos, and tangerines continued, while the Valencia harvest began. Harvesting, mowing, and general grove maintenance were the primary grove activities.

**California citrus:** Early in the month, citrus growers had to protect groves from frost at night. Isolated reports of freeze damage in Navels and other citrus varieties were reported. Harvest of Navel oranges, lemons, and Mandarins continued. Grapefruit harvest slowed. Valencia orange harvest is expected to begin soon.

**California noncitrus fruits and nuts:** Peach, prune, and other stone fruit orchards were irrigated, pruned, and planted. Bloom began in early varieties of plums, pluots, nectarines, and peaches. Fungicide applications were ongoing in late season varieties. Dormant spraying was ongoing in cherries. Pruning finished for grapes and kiwi orchards, while it was ongoing for olives. Strawberries and blueberries continued to develop, benefitting from the warmer temperatures. Hass avocado harvest continued. Almond bloom began. Nut orchards were irrigated. Pre-emergent spraying, planting, and pruning continued in walnut and pistachio orchards.

## Statistical Methodology

**Survey procedures:** The orange objective yield survey for the March 1 forecast was conducted in Florida, which accounts for nearly 72 percent of the United States production. Bearing tree numbers are determined at the start of the season based on a fruit tree census conducted every other year, combined with ongoing review based on administrative data or special surveys. From mid-July to mid-September, the number of fruit per tree is determined. In September and subsequent months, fruit size measurement and fruit droppage surveys are conducted, which are combined with the previous components to develop the current forecast of production. California and Texas conduct grower and packer surveys on a quarterly basis in October, January, April, and July. California also conducts objective measurement surveys in September for navel oranges and in March for Valencia oranges.

**Estimating procedures:** State level objective yield estimates for Florida oranges were reviewed for errors, reasonableness, and consistency with historical estimates. Reports from growers and packers in California and Texas were also used for setting estimates. These three States submit their analyses of the current situation to the Agricultural Statistics Board (ASB). The ASB uses the survey data and the State analyses to prepare the published March 1 forecast.

**Revision policy:** The March 1 production forecasts will not be revised. A new forecast will be made each month throughout the growing season. End-of-season estimates will be published in the *Citrus Fruits Summary* released in September. The production estimates are based on all data available at the end of the marketing season, including information from marketing orders, shipments, and processor records. Allowances are made for recorded local utilization and home use.

**Reliability:** To assist users in evaluating the reliability of the March 1 production forecasts, the "Root Mean Square Error," a statistical measure based on past performance, is computed. The deviation between the March 1 production forecast and the final estimate is expressed as a percentage of the final estimate. The average of squared percentage deviations for the latest 20-year period is computed. The square root of the average becomes statistically the "Root Mean Square Error." Probability statements can be made concerning expected differences in the current forecast relative to the final end-of-season estimate, assuming that factors affecting this year's forecast are not different from those influencing recent years.

The "Root Mean Square Error" for the March 1 orange production forecast is 1.9 percent regardless if you exclude the three abnormal production seasons (one freeze season and two hurricane seasons). This means that chances are 2 out of 3 that the current orange production forecast will not be above or below the final estimates by more than 1.9 percent. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 3.3 percent, or 3.2 percent when excluding abnormal seasons.

Changes between the March 1 orange forecast and the final estimates during the past 20 years have averaged 174,000 tons (177,000 tons, excluding abnormal seasons), ranging from 13,000 tons to 503,000 tons regardless of exclusions. The March 1 forecast for oranges has been below the final estimate 10 times and above 10 times (below 9 times and above 8 times, excluding abnormal seasons). The difference does not imply that the March 1 forecasts this year are likely to understate or overstate final production.

## Information Contacts

Listed below are the commodity statisticians in the Crops Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to [nass@nass.usda.gov](mailto:nass@nass.usda.gov)

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| Steve Maliszewski – Cotton, Cotton Ginnings, Sorghum.....  | (202) 720-5944 |
| Anthony Prillaman – Corn, Flaxseed, Proso Millet .....   | (202) 720-9526 |
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| Jorge Garcia-Pratts, Head, Fruits, Vegetables and Special Crops Section.....   | (202) 720-2127 |
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