



# Prospective Plantings

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## **Corn Planted Acreage Up Less than 1 Percent from 2020** **Soybean Acreage Up 5 Percent** **All Wheat Acreage Up 5 Percent** **All Cotton Acreage Down Less than 1 Percent**

**Corn** planted area for all purposes in 2021 is estimated at 91.1 million acres, up less than 1 percent or an increase of 325,000 acres from last year. Compared with last year, planted acreage is expected to be up or unchanged in 24 of the 48 estimating States.

**Soybean** planted area for 2021 is estimated at 87.6 million acres, up 5 percent from last year. Compared with last year, planted acreage is up or unchanged in 23 of the 29 estimating States.

**All wheat** planted area for 2021 is estimated at 46.4 million acres, up 5 percent from 2020. This represents the fourth lowest all wheat planted area since records began in 1919. The 2021 winter wheat planted area, at 33.1 million acres, is up 9 percent from last year and up 3 percent from the previous estimate. Of this total, about 23.2 million acres are Hard Red Winter, 6.42 million acres are Soft Red Winter, and 3.48 million acres are White Winter. Area expected to be planted to other spring wheat for 2021 is estimated at 11.7 million acres, down 4 percent from 2020. Of this total, about 10.9 million acres are Hard Red Spring wheat. Durum planted area for 2021 is expected to total 1.54 million acres, down 9 percent from the previous year.

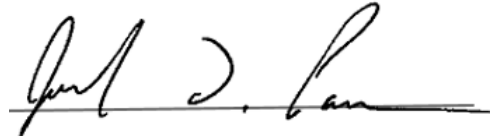
**All cotton** planted area for 2021 is estimated at 12.0 million acres, down less than 1 percent from last year. Upland area is estimated at 11.9 million acres, up slightly from 2020. American Pima area is estimated at 142,000 acres, down 30 percent from 2020.

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This report was approved on March 31, 2021.



Secretary of Agriculture  
Designate  
Seth Meyer



Agricultural Statistics Board  
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Joseph L. Parsons

## Contents

|  |    |
|--|----|
| Principal Crops Area Planted – States and United States: 2019-2021 .....             | 5  |
| Corn Area Planted – States and United States: 2019-2021 .....                        | 6  |
| Corn and Soybean Planted Acreage – United States Chart.....                          | 7  |
| Sorghum Area Planted – States and United States: 2019-2021 .....                     | 7  |
| Oat Area Planted – States and United States: 2019-2021 .....                         | 8  |
| Barley Area Planted – States and United States: 2019-2021 .....                      | 9  |
| All Wheat Area Planted – States and United States: 2019-2021 .....                   | 10 |
| Winter Wheat Area Planted – States and United States: 2019-2021 .....                | 11 |
| Durum Wheat Area Planted – States and United States: 2019-2021 .....                 | 12 |
| Other Spring Wheat Area Planted – States and United States: 2019-2021 .....          | 12 |
| All Hay Area Harvested – States and United States: 2019-2021 .....                   | 13 |
| Rice Area Planted by Class – States and United States: 2019-2021 .....               | 14 |
| Canola Area Planted – States and United States: 2019-2021.....                       | 14 |
| Soybean Area Planted – States and United States: 2019-2021 .....                     | 15 |
| Peanut Area Planted – States and United States: 2019-2021 .....                      | 15 |
| Sunflower Area Planted by Type – States and United States: 2019-2021 .....           | 16 |
| Flaxseed Area Planted – States and United States: 2019-2021.....                     | 16 |
| Cotton Area Planted by Type – States and United States: 2019-2021 .....              | 17 |
| Sugarbeet Area Planted – States and United States: 2019-2021 .....                   | 18 |
| Tobacco Area Harvested – States and United States: 2019-2021 .....                   | 18 |
| Tobacco Area Harvested by Class and Type – States and United States: 2019-2021 ..... | 19 |
| Dry Edible Bean Area Planted – States and United States: 2019-2021 .....             | 20 |
| Chickpea Area Planted – States and United States: 2019-2021 .....                    | 21 |
| Lentil Area Planted – States and United States: 2019-2021 .....                      | 22 |
| Dry Edible Pea Area Planted – States and United States: 2019-2021 .....              | 22 |

Crop Area Planted and Harvested, Yield, and Production in Domestic Units – United States: 2020 and 2021 ..... 23

Crop Area Planted and Harvested, Yield, and Production in Metric Units – United States: 2020 and 2021..... 25

Winter Weather Summary ..... 27

Crop Comments ..... 29

Statistical Methodology..... 32

Reliability of Prospective Plantings Planted Acreage Estimates ..... 33

Information Contacts..... 34

## Principal Crops Area Planted – States and United States: 2019-2021

[Crops included in area planted are corn, sorghum, oats, barley, rye, winter wheat, Durum wheat, other spring wheat, rice, soybeans, peanuts, sunflower, cotton, dry edible beans, chickpeas, potatoes, sugarbeets, canola, and proso millet. Harvested acreage is used for all hay, tobacco, and sugarcane in computing total area planted. Values for 2021 were carried forward from 2020 for potatoes, proso millet, rye, and sugarcane. Includes double cropped acres and unharvested small grains planted as cover crops]

| State                            | 2019<br>(1,000 acres) | 2020<br>(1,000 acres) | 2021 <sup>1</sup><br>(1,000 acres) |
|----------------------------------|-----------------------|-----------------------|------------------------------------|
| Alabama .....                    | 2,115                 | 2,130                 | 2,190                              |
| Alaska .....                     | 28                    | 28                    | 29                                 |
| Arizona .....                    | 637                   | 573                   | 571                                |
| Arkansas .....                   | 6,603                 | 6,891                 | 6,986                              |
| California .....                 | 2,983                 | 2,621                 | 2,529                              |
| Colorado .....                   | 6,091                 | 5,744                 | 5,731                              |
| Connecticut .....                | 70                    | 70                    | 71                                 |
| Delaware .....                   | 435                   | 440                   | 430                                |
| Florida .....                    | 1,079                 | 1,098                 | 1,115                              |
| Georgia .....                    | 3,359                 | 3,368                 | 3,427                              |
| Idaho .....                      | 4,111                 | 4,111                 | 4,147                              |
| Illinois .....                   | 21,590                | 22,720                | 22,810                             |
| Indiana .....                    | 11,250                | 11,900                | 11,900                             |
| Iowa .....                       | 23,935                | 24,330                | 24,300                             |
| Kansas .....                     | 23,313                | 23,469                | 24,332                             |
| Kentucky .....                   | 5,712                 | 6,096                 | 6,131                              |
| Louisiana .....                  | 3,024                 | 3,088                 | 3,153                              |
| Maine .....                      | 228                   | 226                   | 220                                |
| Maryland .....                   | 1,556                 | 1,554                 | 1,525                              |
| Massachusetts .....              | 65                    | 74                    | 82                                 |
| Michigan .....                   | 5,552                 | 6,366                 | 6,383                              |
| Minnesota .....                  | 18,350                | 19,303                | 19,381                             |
| Mississippi .....                | 3,822                 | 4,009                 | 4,175                              |
| Missouri .....                   | 12,827                | 13,408                | 13,713                             |
| Montana .....                    | 9,981                 | 9,790                 | 9,802                              |
| Nebraska .....                   | 19,177                | 19,780                | 19,803                             |
| Nevada .....                     | 450                   | 333                   | 323                                |
| New Hampshire .....              | 61                    | 55                    | 63                                 |
| New Jersey .....                 | 282                   | 312                   | 323                                |
| New Mexico .....                 | 833                   | 740                   | 769                                |
| New York .....                   | 2,591                 | 2,636                 | 2,666                              |
| North Carolina .....             | 4,400                 | 4,336                 | 4,329                              |
| North Dakota .....               | 23,223                | 20,903                | 23,111                             |
| Ohio .....                       | 8,595                 | 9,895                 | 9,915                              |
| Oklahoma .....                   | 9,390                 | 9,197                 | 9,191                              |
| Oregon .....                     | 1,913                 | 1,911                 | 1,905                              |
| Pennsylvania .....               | 3,686                 | 4,042                 | 4,003                              |
| Rhode Island .....               | 7                     | 7                     | 7                                  |
| South Carolina .....             | 1,428                 | 1,411                 | 1,492                              |
| South Dakota .....               | 13,816                | 15,581                | 16,812                             |
| Tennessee .....                  | 4,836                 | 4,861                 | 5,103                              |
| Texas .....                      | 21,516                | 21,872                | 22,159                             |
| Utah .....                       | 908                   | 947                   | 901                                |
| Vermont .....                    | 241                   | 252                   | 246                                |
| Virginia .....                   | 2,609                 | 2,637                 | 2,505                              |
| Washington .....                 | 3,560                 | 3,663                 | 3,700                              |
| West Virginia .....              | 567                   | 591                   | 628                                |
| Wisconsin .....                  | 7,625                 | 8,141                 | 8,363                              |
| Wyoming .....                    | 1,504                 | 1,429                 | 1,540                              |
| United States <sup>2</sup> ..... | 303,073               | 310,114               | 316,164                            |

<sup>1</sup> Intended plantings in 2021 as indicated by reports from farmers.

<sup>2</sup> States do not add to United States due to rye unallocated acreage.

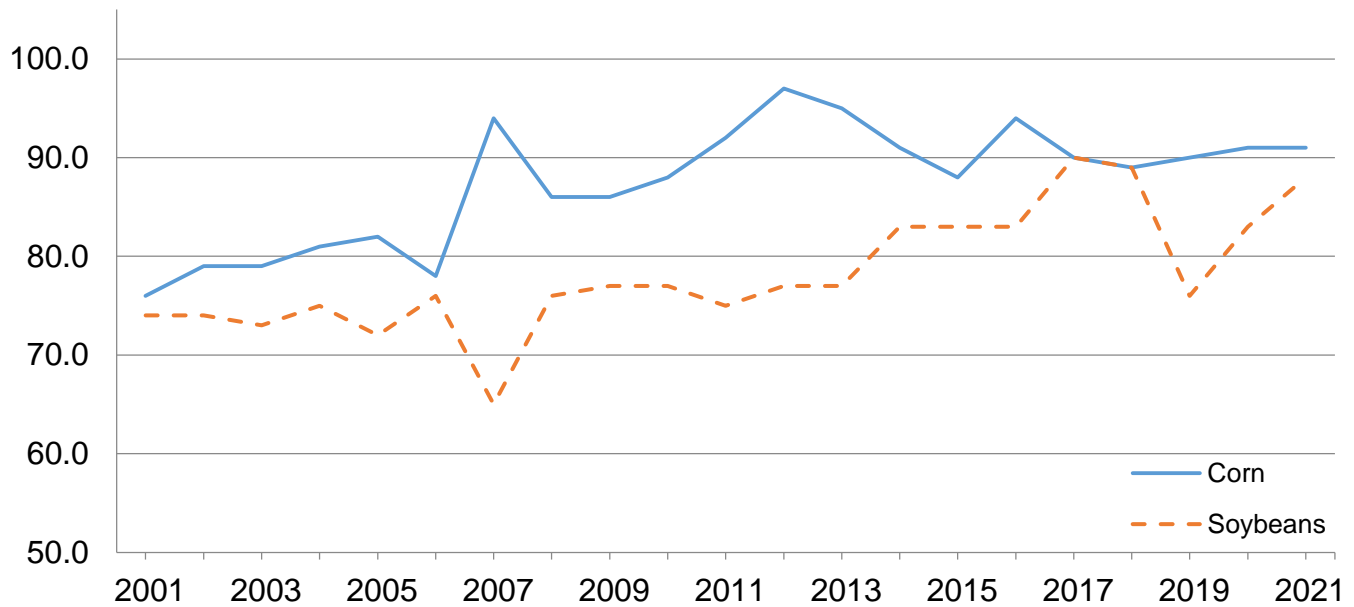
## Corn Area Planted – States and United States: 2019-2021

| State                | Area planted  |               |                   | Percent of previous year |
|----------------------|---------------|---------------|-------------------|--------------------------|
|                      | 2019          | 2020          | 2021 <sup>1</sup> |                          |
|                      | (1,000 acres) | (1,000 acres) | (1,000 acres)     | (percent)                |
| Alabama .....        | 320           | 330           | 330               | 100                      |
| Arizona .....        | 90            | 75            | 85                | 113                      |
| Arkansas .....       | 770           | 620           | 700               | 113                      |
| California .....     | 480           | 440           | 460               | 105                      |
| Colorado .....       | 1,550         | 1,420         | 1,280             | 90                       |
| Connecticut .....    | 23            | 24            | 26                | 108                      |
| Delaware .....       | 185           | 180           | 170               | 94                       |
| Florida .....        | 95            | 100           | 110               | 110                      |
| Georgia .....        | 395           | 420           | 480               | 114                      |
| Idaho .....          | 390           | 390           | 400               | 103                      |
| Illinois .....       | 10,500        | 11,300        | 10,900            | 96                       |
| Indiana .....        | 5,000         | 5,400         | 5,200             | 96                       |
| Iowa .....           | 13,500        | 13,600        | 13,200            | 97                       |
| Kansas .....         | 6,400         | 6,100         | 5,800             | 95                       |
| Kentucky .....       | 1,550         | 1,490         | 1,550             | 104                      |
| Louisiana .....      | 570           | 500           | 610               | 122                      |
| Maine .....          | 29            | 30            | 27                | 90                       |
| Maryland .....       | 510           | 480           | 470               | 98                       |
| Massachusetts .....  | 14            | 14            | 14                | 100                      |
| Michigan .....       | 2,000         | 2,350         | 2,250             | 96                       |
| Minnesota .....      | 7,800         | 8,000         | 8,000             | 100                      |
| Mississippi .....    | 660           | 510           | 640               | 125                      |
| Missouri .....       | 3,200         | 3,450         | 3,400             | 99                       |
| Montana .....        | 115           | 115           | 100               | 87                       |
| Nebraska .....       | 10,100        | 10,200        | 9,900             | 97                       |
| Nevada .....         | 15            | 13            | 13                | 100                      |
| New Hampshire .....  | 12            | 13            | 13                | 100                      |
| New Jersey .....     | 77            | 87            | 85                | 98                       |
| New Mexico .....     | 150           | 125           | 100               | 80                       |
| New York .....       | 1,020         | 1,050         | 1,050             | 100                      |
| North Carolina ..... | 990           | 1,000         | 900               | 90                       |
| North Dakota .....   | 3,500         | 1,950         | 3,300             | 169                      |
| Ohio .....           | 2,800         | 3,550         | 3,400             | 96                       |
| Oklahoma .....       | 370           | 360           | 350               | 97                       |
| Oregon .....         | 85            | 100           | 120               | 120                      |
| Pennsylvania .....   | 1,450         | 1,500         | 1,480             | 99                       |
| Rhode Island .....   | 2             | 2             | 2                 | 100                      |
| South Carolina ..... | 380           | 400           | 390               | 98                       |
| South Dakota .....   | 4,350         | 4,950         | 5,600             | 113                      |
| Tennessee .....      | 970           | 870           | 1,000             | 115                      |
| Texas .....          | 2,500         | 2,250         | 2,100             | 93                       |
| Utah .....           | 85            | 90            | 90                | 100                      |
| Vermont .....        | 81            | 85            | 81                | 95                       |
| Virginia .....       | 540           | 560           | 510               | 91                       |
| Washington .....     | 175           | 180           | 165               | 92                       |
| West Virginia .....  | 52            | 51            | 53                | 104                      |
| Wisconsin .....      | 3,800         | 4,000         | 4,150             | 104                      |
| Wyoming .....        | 95            | 95            | 90                | 95                       |
| United States .....  | 89,745        | 90,819        | 91,144            | 100                      |

<sup>1</sup> Intended plantings in 2021 as indicated by reports from farmers.

# Corn and Soybean Planted Acreage - United States

Million acres



## Sorghum Area Planted – States and United States: 2019-2021

| State               | Area planted  |               |                   | Percent of previous year |
|---------------------|---------------|---------------|-------------------|--------------------------|
|                     | 2019          | 2020          | 2021 <sup>1</sup> |                          |
|                     | (1,000 acres) | (1,000 acres) | (1,000 acres)     | (percent)                |
| Colorado .....      | 365           | 370           | 410               | 111                      |
| Kansas .....        | 2,600         | 3,000         | 3,600             | 120                      |
| Nebraska .....      | 200           | 195           | 300               | 154                      |
| Oklahoma .....      | 300           | 305           | 380               | 125                      |
| South Dakota .....  | 250           | 210           | 250               | 119                      |
| Texas .....         | 1,550         | 1,800         | 2,000             | 111                      |
| United States ..... | 5,265         | 5,880         | 6,940             | 118                      |

<sup>1</sup> Intended plantings in 2021 as indicated by reports from farmers.

## Oat Area Planted – States and United States: 2019-2021

[Includes area planted in preceding fall]

| State                | Area planted  |               |                   | Percent of previous year |
|----------------------|---------------|---------------|-------------------|--------------------------|
|                      | 2019          | 2020          | 2021 <sup>1</sup> |                          |
|                      | (1,000 acres) | (1,000 acres) | (1,000 acres)     | (percent)                |
| Arkansas .....       | 5             | 8             | 10                | 125                      |
| California .....     | 90            | 80            | 85                | 106                      |
| Georgia .....        | 70            | 80            | 70                | 88                       |
| Idaho .....          | 60            | 50            | 55                | 110                      |
| Illinois .....       | 70            | 60            | 60                | 100                      |
| Iowa .....           | 215           | 170           | 150               | 88                       |
| Kansas .....         | 120           | 140           | 110               | 79                       |
| Maine .....          | 22            | 26            | 23                | 88                       |
| Michigan .....       | 70            | 70            | 75                | 107                      |
| Minnesota .....      | 240           | 255           | 180               | 71                       |
| Missouri .....       | 50            | 35            | 40                | 114                      |
| Montana .....        | 75            | 70            | 60                | 86                       |
| Nebraska .....       | 120           | 135           | 120               | 89                       |
| New York .....       | 56            | 52            | 47                | 90                       |
| North Carolina ..... | 22            | 37            | 38                | 103                      |
| North Dakota .....   | 355           | 365           | 320               | 88                       |
| Ohio .....           | 75            | 55            | 65                | 118                      |
| Oklahoma .....       | 100           | 110           | 100               | 91                       |
| Oregon .....         | 20            | 20            | 15                | 75                       |
| Pennsylvania .....   | 85            | 86            | 65                | 76                       |
| South Dakota .....   | 245           | 310           | 200               | 65                       |
| Texas .....          | 400           | 470           | 400               | 85                       |
| Wisconsin .....      | 265           | 300           | 200               | 67                       |
| United States .....  | 2,830         | 2,984         | 2,488             | 83                       |

<sup>1</sup> Intended plantings in 2021 as indicated by reports from farmers.



## Barley Area Planted – States and United States: 2019-2021

[Includes area planted in preceding fall]

| State                | Area planted  |               |                   | Percent of previous year |
|----------------------|---------------|---------------|-------------------|--------------------------|
|                      | 2019          | 2020          | 2021 <sup>1</sup> |                          |
|                      | (1,000 acres) | (1,000 acres) | (1,000 acres)     | (percent)                |
| Alaska .....         | 6             | 6             | 6                 | 100                      |
| Arizona .....        | 18            | 12            | 17                | 142                      |
| California .....     | 65            | 55            | 55                | 100                      |
| Colorado .....       | 54            | 53            | 49                | 92                       |
| Delaware .....       | 21            | 21            | 21                | 100                      |
| Idaho .....          | 550           | 530           | 510               | 96                       |
| Kansas .....         | 14            | 16            | 12                | 75                       |
| Maine .....          | 15            | 15            | 15                | 100                      |
| Maryland .....       | 32            | 34            | 35                | 103                      |
| Michigan .....       | 11            | 11            | 15                | 136                      |
| Minnesota .....      | 70            | 70            | 50                | 71                       |
| Montana .....        | 950           | 890           | 950               | 107                      |
| New York .....       | 10            | 9             | 9                 | 100                      |
| North Carolina ..... | 11            | 14            | 14                | 100                      |
| North Dakota .....   | 580           | 530           | 480               | 91                       |
| Oregon .....         | 45            | 37            | 45                | 122                      |
| Pennsylvania .....   | 35            | 45            | 39                | 87                       |
| South Dakota .....   | 37            | 35            | 30                | 86                       |
| Utah .....           | 18            | 17            | 21                | 124                      |
| Virginia .....       | 30            | 31            | 30                | 97                       |
| Washington .....     | 95            | 90            | 90                | 100                      |
| Wisconsin .....      | 24            | 26            | 18                | 69                       |
| Wyoming .....        | 81            | 74            | 79                | 107                      |
| United States .....  | 2,772         | 2,621         | 2,590             | 99                       |

<sup>1</sup> Intended plantings in 2021 as indicated by reports from farmers.

## All Wheat Area Planted – States and United States: 2019-2021

[Includes area planted in preceding fall]

| State                | Area planted  |               |                   | Percent of previous year |
|----------------------|---------------|---------------|-------------------|--------------------------|
|                      | 2019          | 2020          | 2021 <sup>1</sup> |                          |
|                      | (1,000 acres) | (1,000 acres) | (1,000 acres)     | (percent)                |
| Alabama .....        | 130           | 135           | 180               | 133                      |
| Arizona .....        | 36            | 44            | 45                | 102                      |
| Arkansas .....       | 110           | 145           | 190               | 131                      |
| California .....     | 420           | 385           | 355               | 92                       |
| Colorado .....       | 2,150         | 1,900         | 2,050             | 108                      |
| Delaware .....       | 60            | 75            | 60                | 80                       |
| Georgia .....        | 150           | 190           | 210               | 111                      |
| Idaho .....          | 1,195         | 1,240         | 1,270             | 102                      |
| Illinois .....       | 650           | 570           | 700               | 123                      |
| Indiana .....        | 330           | 300           | 380               | 127                      |
| Kansas .....         | 7,100         | 6,600         | 7,300             | 111                      |
| Kentucky .....       | 460           | 510           | 530               | 104                      |
| Maryland .....       | 345           | 355           | 330               | 93                       |
| Michigan .....       | 550           | 490           | 560               | 114                      |
| Minnesota .....      | 1,450         | 1,430         | 1,380             | 97                       |
| Mississippi .....    | 45            | 40            | 80                | 200                      |
| Missouri .....       | 550           | 480           | 650               | 135                      |
| Montana .....        | 5,450         | 5,540         | 5,360             | 97                       |
| Nebraska .....       | 1,070         | 900           | 900               | 100                      |
| New Jersey .....     | 19            | 25            | 23                | 92                       |
| New Mexico .....     | 365           | 330           | 350               | 106                      |
| New York .....       | 90            | 150           | 150               | 100                      |
| North Carolina ..... | 290           | 450           | 450               | 100                      |
| North Dakota .....   | 7,505         | 6,650         | 6,435             | 97                       |
| Ohio .....           | 500           | 530           | 570               | 108                      |
| Oklahoma .....       | 4,200         | 4,250         | 4,300             | 101                      |
| Oregon .....         | 740           | 740           | 720               | 97                       |
| Pennsylvania .....   | 180           | 235           | 250               | 106                      |
| South Carolina ..... | 70            | 110           | 130               | 118                      |
| South Dakota .....   | 1,500         | 1,400         | 1,510             | 108                      |
| Tennessee .....      | 280           | 300           | 400               | 133                      |
| Texas .....          | 4,600         | 4,900         | 5,500             | 112                      |
| Utah .....           | 125           | 110           | 110               | 100                      |
| Virginia .....       | 180           | 220           | 220               | 100                      |
| Washington .....     | 2,270         | 2,340         | 2,330             | 100                      |
| Wisconsin .....      | 195           | 160           | 260               | 163                      |
| Wyoming .....        | 125           | 120           | 120               | 100                      |
| United States .....  | 45,485        | 44,349        | 46,358            | 105                      |

<sup>1</sup> Intended plantings for 2021 as indicated by reports from farmers.

## Winter Wheat Area Planted – States and United States: 2019-2021

[Includes area planted in preceding fall]

| State                | Area planted  |               |               | Percent of previous year |
|----------------------|---------------|---------------|---------------|--------------------------|
|                      | 2019          | 2020          | 2021          |                          |
|                      | (1,000 acres) | (1,000 acres) | (1,000 acres) | (percent)                |
| Alabama .....        | 130           | 135           | 180           | 133                      |
| Arkansas .....       | 110           | 145           | 190           | 131                      |
| California .....     | 390           | 355           | 330           | 93                       |
| Colorado .....       | 2,150         | 1,900         | 2,050         | 108                      |
| Delaware .....       | 60            | 75            | 60            | 80                       |
| Georgia .....        | 150           | 190           | 210           | 111                      |
| Idaho .....          | 730           | 720           | 730           | 101                      |
| Illinois .....       | 650           | 570           | 700           | 123                      |
| Indiana .....        | 330           | 300           | 380           | 127                      |
| Kansas .....         | 7,100         | 6,600         | 7,300         | 111                      |
| Kentucky .....       | 460           | 510           | 530           | 104                      |
| Maryland .....       | 345           | 355           | 330           | 93                       |
| Michigan .....       | 550           | 490           | 560           | 114                      |
| Mississippi .....    | 45            | 40            | 80            | 200                      |
| Missouri .....       | 550           | 480           | 650           | 135                      |
| Montana .....        | 2,000         | 1,550         | 1,750         | 113                      |
| Nebraska .....       | 1,070         | 900           | 900           | 100                      |
| New Jersey .....     | 19            | 25            | 23            | 92                       |
| New Mexico .....     | 365           | 330           | 350           | 106                      |
| New York .....       | 90            | 150           | 150           | 100                      |
| North Carolina ..... | 290           | 450           | 450           | 100                      |
| North Dakota .....   | 85            | 40            | 85            | 213                      |
| Ohio .....           | 500           | 530           | 570           | 108                      |
| Oklahoma .....       | 4,200         | 4,250         | 4,300         | 101                      |
| Oregon .....         | 740           | 740           | 720           | 97                       |
| Pennsylvania .....   | 180           | 235           | 250           | 106                      |
| South Carolina ..... | 70            | 110           | 130           | 118                      |
| South Dakota .....   | 860           | 630           | 760           | 121                      |
| Tennessee .....      | 280           | 300           | 400           | 133                      |
| Texas .....          | 4,600         | 4,900         | 5,500         | 112                      |
| Utah .....           | 125           | 110           | 110           | 100                      |
| Virginia .....       | 180           | 220           | 220           | 100                      |
| Washington .....     | 1,750         | 1,800         | 1,750         | 97                       |
| Wisconsin .....      | 195           | 160           | 260           | 163                      |
| Wyoming .....        | 125           | 120           | 120           | 100                      |
| United States .....  | 31,474        | 30,415        | 33,078        | 109                      |

## Durum Wheat Area Planted – States and United States: 2019-2021

[Includes area planted in preceding fall in Arizona and California]

| State               | Area planted  |               |                   | Percent of previous year |
|---------------------|---------------|---------------|-------------------|--------------------------|
|                     | 2019          | 2020          | 2021 <sup>1</sup> |                          |
|                     | (1,000 acres) | (1,000 acres) | (1,000 acres)     | (percent)                |
| Arizona .....       | 36            | 44            | 45                | 102                      |
| California .....    | 30            | 30            | 25                | 83                       |
| Idaho .....         | 5             | 10            | 10                | 100                      |
| Montana .....       | 550           | 690           | 710               | 103                      |
| North Dakota .....  | 720           | 910           | 750               | 82                       |
| United States ..... | 1,341         | 1,684         | 1,540             | 91                       |

<sup>1</sup> Intended plantings in 2021 as indicated by reports from farmers.

## Other Spring Wheat Area Planted – States and United States: 2019-2021

| State               | Area planted  |               |                   | Percent of previous year |
|---------------------|---------------|---------------|-------------------|--------------------------|
|                     | 2019          | 2020          | 2021 <sup>1</sup> |                          |
|                     | (1,000 acres) | (1,000 acres) | (1,000 acres)     | (percent)                |
| Idaho .....         | 460           | 510           | 530               | 104                      |
| Minnesota .....     | 1,450         | 1,430         | 1,380             | 97                       |
| Montana .....       | 2,900         | 3,300         | 2,900             | 88                       |
| North Dakota .....  | 6,700         | 5,700         | 5,600             | 98                       |
| South Dakota .....  | 640           | 770           | 750               | 97                       |
| Washington .....    | 520           | 540           | 580               | 107                      |
| United States ..... | 12,670        | 12,250        | 11,740            | 96                       |

<sup>1</sup> Intended plantings in 2021 as indicated by reports from farmers.

## All Hay Area Harvested – States and United States: 2019-2021

| State                | Area harvested |               |                   | Percent of previous year |
|----------------------|----------------|---------------|-------------------|--------------------------|
|                      | 2019           | 2020          | 2021 <sup>1</sup> |                          |
|                      | (1,000 acres)  | (1,000 acres) | (1,000 acres)     | (percent)                |
| Alabama .....        | 700            | 750           | 750               | 100                      |
| Alaska .....         | 22             | 22            | 23                | 105                      |
| Arizona .....        | 325            | 310           | 305               | 98                       |
| Arkansas .....       | 1,253          | 1,273         | 1,300             | 102                      |
| California .....     | 1,010          | 825           | 840               | 102                      |
| Colorado .....       | 1,460          | 1,380         | 1,330             | 96                       |
| Connecticut .....    | 47             | 46            | 45                | 98                       |
| Delaware .....       | 14             | 14            | 14                | 100                      |
| Florida .....        | 270            | 280           | 270               | 96                       |
| Georgia .....        | 560            | 570           | 560               | 98                       |
| Idaho .....          | 1,300          | 1,300         | 1,300             | 100                      |
| Illinois .....       | 420            | 490           | 450               | 92                       |
| Indiana .....        | 520            | 500           | 520               | 104                      |
| Iowa .....           | 1,020          | 1,160         | 1,150             | 99                       |
| Kansas .....         | 2,280          | 2,590         | 2,550             | 98                       |
| Kentucky .....       | 1,945          | 2,195         | 2,050             | 93                       |
| Louisiana .....      | 390            | 400           | 390               | 98                       |
| Maine .....          | 110            | 104           | 104               | 100                      |
| Maryland .....       | 189            | 200           | 210               | 105                      |
| Massachusetts .....  | 51             | 60            | 68                | 113                      |
| Michigan .....       | 780            | 780           | 820               | 105                      |
| Minnesota .....      | 1,100          | 1,230         | 1,100             | 89                       |
| Mississippi .....    | 610            | 650           | 610               | 94                       |
| Missouri .....       | 3,360          | 3,070         | 3,200             | 104                      |
| Montana .....        | 3,000          | 2,860         | 3,000             | 105                      |
| Nebraska .....       | 2,450          | 2,740         | 2,700             | 99                       |
| Nevada .....         | 435            | 320           | 310               | 97                       |
| New Hampshire .....  | 49             | 42            | 50                | 119                      |
| New Jersey .....     | 91             | 106           | 110               | 104                      |
| New Mexico .....     | 245            | 225           | 270               | 120                      |
| New York .....       | 1,180          | 1,060         | 1,080             | 102                      |
| North Carolina ..... | 816            | 665           | 655               | 98                       |
| North Dakota .....   | 2,420          | 2,220         | 2,230             | 100                      |
| Ohio .....           | 920            | 860           | 880               | 102                      |
| Oklahoma .....       | 3,005          | 2,790         | 2,700             | 97                       |
| Oregon .....         | 970            | 960           | 950               | 99                       |
| Pennsylvania .....   | 1,210          | 1,355         | 1,350             | 100                      |
| Rhode Island .....   | 5              | 5             | 5                 | 100                      |
| South Carolina ..... | 270            | 310           | 320               | 103                      |
| South Dakota .....   | 3,350          | 3,050         | 3,000             | 98                       |
| Tennessee .....      | 1,763          | 1,749         | 1,700             | 97                       |
| Texas .....          | 4,920          | 5,010         | 4,800             | 96                       |
| Utah .....           | 680            | 730           | 680               | 93                       |
| Vermont .....        | 160            | 167           | 165               | 99                       |
| Virginia .....       | 1,145          | 1,135         | 1,075             | 95                       |
| Washington .....     | 640            | 690           | 750               | 109                      |
| West Virginia .....  | 515            | 540           | 575               | 106                      |
| Wisconsin .....      | 1,300          | 1,370         | 1,200             | 88                       |
| Wyoming .....        | 1,150          | 1,080         | 1,200             | 111                      |
| United States .....  | 52,425         | 52,238        | 51,714            | 99                       |

<sup>1</sup> Intended area harvested in 2021 as indicated by reports from farmers.

## Rice Area Planted by Class – States and United States: 2019-2021

| Class and State               | Area planted  |               |                   | Percent of previous year |
|-------------------------------|---------------|---------------|-------------------|--------------------------|
|                               | 2019          | 2020          | 2021 <sup>1</sup> |                          |
|                               | (1,000 acres) | (1,000 acres) | (1,000 acres)     | (percent)                |
| <b>Long grain</b>             |               |               |                   |                          |
| Arkansas .....                | 955           | 1,325         | 1,130             | 85                       |
| California .....              | 10            | 12            | 8                 | 67                       |
| Louisiana .....               | 370           | 430           | 410               | 95                       |
| Mississippi .....             | 115           | 165           | 120               | 73                       |
| Missouri .....                | 180           | 220           | 225               | 102                      |
| Texas .....                   | 153           | 180           | 185               | 103                      |
| United States .....           | 1,783         | 2,332         | 2,078             | 89                       |
| <b>Medium grain</b>           |               |               |                   |                          |
| Arkansas .....                | 205           | 135           | 120               | 89                       |
| California .....              | 460           | 465           | 425               | 91                       |
| Louisiana .....               | 55            | 50            | 35                | 70                       |
| Mississippi .....             | 2             | 1             | -                 | (X)                      |
| Missouri .....                | 7             | 8             | 8                 | 100                      |
| Texas .....                   | 4             | 4             | 5                 | 125                      |
| United States .....           | 733           | 663           | 593               | 89                       |
| <b>Short grain</b>            |               |               |                   |                          |
| Arkansas .....                | 1             | 1             | 1                 | 100                      |
| California <sup>2</sup> ..... | 33            | 40            | 38                | 95                       |
| United States .....           | 34            | 41            | 39                | 95                       |
| <b>All</b>                    |               |               |                   |                          |
| Arkansas .....                | 1,161         | 1,461         | 1,251             | 86                       |
| California .....              | 503           | 517           | 471               | 91                       |
| Louisiana .....               | 425           | 480           | 445               | 93                       |
| Mississippi .....             | 117           | 166           | 120               | 72                       |
| Missouri .....                | 187           | 228           | 233               | 102                      |
| Texas .....                   | 157           | 184           | 190               | 103                      |
| United States .....           | 2,550         | 3,036         | 2,710             | 89                       |

- Represents zero.

(X) Not applicable.

<sup>1</sup> Intended plantings in 2021 as indicated by reports from farmers.

<sup>2</sup> Includes sweet rice.

## Canola Area Planted – States and United States: 2019-2021

| State               | Area planted  |               |                   | Percent of previous year |
|---------------------|---------------|---------------|-------------------|--------------------------|
|                     | 2019          | 2020          | 2021 <sup>1</sup> |                          |
|                     | (1,000 acres) | (1,000 acres) | (1,000 acres)     | (percent)                |
| Kansas .....        | 29.0          | 5.0           | 8.0               | 160                      |
| Minnesota .....     | 51.0          | 50.0          | 58.0              | 116                      |
| Montana .....       | 150.0         | 155.0         | 160.0             | 103                      |
| North Dakota .....  | 1,700.0       | 1,510.0       | 1,780.0           | 118                      |
| Oklahoma .....      | 35.0          | 12.0          | 14.0              | 117                      |
| Washington .....    | 75.0          | 93.0          | 95.0              | 102                      |
| United States ..... | 2,040.0       | 1,825.0       | 2,115.0           | 116                      |

<sup>1</sup> Intended plantings in 2021 as indicated by reports from farmers.

## Soybean Area Planted – States and United States: 2019-2021

| State                | Area planted  |               |                   | Percent of previous year |
|----------------------|---------------|---------------|-------------------|--------------------------|
|                      | 2019          | 2020          | 2021 <sup>1</sup> |                          |
|                      | (1,000 acres) | (1,000 acres) | (1,000 acres)     | (percent)                |
| Alabama .....        | 265           | 280           | 290               | 104                      |
| Arkansas .....       | 2,650         | 2,820         | 3,000             | 106                      |
| Delaware .....       | 155           | 150           | 165               | 110                      |
| Georgia .....        | 100           | 100           | 110               | 110                      |
| Illinois .....       | 9,950         | 10,300        | 10,700            | 104                      |
| Indiana .....        | 5,400         | 5,700         | 5,800             | 102                      |
| Iowa .....           | 9,200         | 9,400         | 9,800             | 104                      |
| Kansas .....         | 4,550         | 4,750         | 4,700             | 99                       |
| Kentucky .....       | 1,700         | 1,850         | 1,950             | 105                      |
| Louisiana .....      | 890           | 1,050         | 1,100             | 105                      |
| Maryland .....       | 480           | 485           | 480               | 99                       |
| Michigan .....       | 1,760         | 2,200         | 2,250             | 102                      |
| Minnesota .....      | 6,850         | 7,400         | 7,800             | 105                      |
| Mississippi .....    | 1,660         | 2,090         | 2,200             | 105                      |
| Missouri .....       | 5,100         | 5,850         | 5,800             | 99                       |
| Nebraska .....       | 4,900         | 5,200         | 5,500             | 106                      |
| New Jersey .....     | 95            | 94            | 105               | 112                      |
| New York .....       | 235           | 315           | 330               | 105                      |
| North Carolina ..... | 1,540         | 1,600         | 1,650             | 103                      |
| North Dakota .....   | 5,600         | 5,750         | 7,000             | 122                      |
| Ohio .....           | 4,300         | 4,900         | 5,000             | 102                      |
| Oklahoma .....       | 465           | 560           | 550               | 98                       |
| Pennsylvania .....   | 620           | 640           | 640               | 100                      |
| South Carolina ..... | 335           | 310           | 390               | 126                      |
| South Dakota .....   | 3,500         | 4,950         | 5,700             | 115                      |
| Tennessee .....      | 1,400         | 1,650         | 1,700             | 103                      |
| Texas .....          | 80            | 120           | 80                | 67                       |
| Virginia .....       | 570           | 570           | 560               | 98                       |
| Wisconsin .....      | 1,750         | 2,000         | 2,250             | 113                      |
| United States .....  | 76,100        | 83,084        | 87,600            | 105                      |

<sup>1</sup> Intended plantings in 2021 as indicated by reports from farmers.

## Peanut Area Planted – States and United States: 2019-2021

| State                | Area planted  |               |                   | Percent of previous year |
|----------------------|---------------|---------------|-------------------|--------------------------|
|                      | 2019          | 2020          | 2021 <sup>1</sup> |                          |
|                      | (1,000 acres) | (1,000 acres) | (1,000 acres)     | (percent)                |
| Alabama .....        | 160.0         | 185.0         | 190.0             | 103                      |
| Arkansas .....       | 34.0          | 39.0          | 45.0              | 115                      |
| Florida .....        | 165.0         | 175.0         | 180.0             | 103                      |
| Georgia .....        | 675.0         | 810.0         | 790.0             | 98                       |
| Mississippi .....    | 20.0          | 23.0          | 25.0              | 109                      |
| New Mexico .....     | 4.7           | 6.2           | 6.5               | 105                      |
| North Carolina ..... | 104.0         | 108.0         | 110.0             | 102                      |
| Oklahoma .....       | 15.0          | 15.0          | 17.0              | 113                      |
| South Carolina ..... | 65.0          | 85.0          | 65.0              | 76                       |
| Texas .....          | 165.0         | 190.0         | 170.0             | 89                       |
| Virginia .....       | 25.0          | 28.0          | 27.0              | 96                       |
| United States .....  | 1,432.7       | 1,664.2       | 1,625.5           | 98                       |

<sup>1</sup> Intended plantings in 2021 as indicated by reports from farmers.

## Sunflower Area Planted by Type – States and United States: 2019-2021

| Varietal type and State | Area planted  |               |                   | Percent of previous year |
|-------------------------|---------------|---------------|-------------------|--------------------------|
|                         | 2019          | 2020          | 2021 <sup>1</sup> |                          |
|                         | (1,000 acres) | (1,000 acres) | (1,000 acres)     | (percent)                |
| <b>Oil</b>              |               |               |                   |                          |
| California .....        | 49.0          | 43.0          | 41.0              | 95                       |
| Colorado .....          | 47.0          | 42.0          | 60.0              | 143                      |
| Kansas .....            | 37.0          | 54.0          | 44.0              | 81                       |
| Minnesota .....         | 53.0          | 68.0          | 51.0              | 75                       |
| Nebraska .....          | 28.0          | 40.0          | 38.0              | 95                       |
| North Dakota .....      | 470.0         | 640.0         | 380.0             | 59                       |
| South Dakota .....      | 485.0         | 570.0         | 430.0             | 75                       |
| Texas .....             | 28.0          | 33.0          | 35.0              | 106                      |
| United States .....     | 1,197.0       | 1,490.0       | 1,079.0           | 72                       |
| <b>Non-oil</b>          |               |               |                   |                          |
| California .....        | 1.6           | 1.2           | 1.0               | 83                       |
| Colorado .....          | 12.0          | 18.0          | 12.0              | 67                       |
| Kansas .....            | 8.0           | 19.0          | 18.0              | 95                       |
| Minnesota .....         | 5.0           | 5.5           | 5.0               | 91                       |
| Nebraska .....          | 9.0           | 10.0          | 8.0               | 80                       |
| North Dakota .....      | 65.0          | 93.0          | 38.0              | 41                       |
| South Dakota .....      | 48.0          | 52.0          | 38.0              | 73                       |
| Texas .....             | 5.0           | 30.0          | 17.0              | 57                       |
| United States .....     | 153.6         | 228.7         | 137.0             | 60                       |
| <b>All</b>              |               |               |                   |                          |
| California .....        | 50.6          | 44.2          | 42.0              | 95                       |
| Colorado .....          | 59.0          | 60.0          | 72.0              | 120                      |
| Kansas .....            | 45.0          | 73.0          | 62.0              | 85                       |
| Minnesota .....         | 58.0          | 73.5          | 56.0              | 76                       |
| Nebraska .....          | 37.0          | 50.0          | 46.0              | 92                       |
| North Dakota .....      | 535.0         | 733.0         | 418.0             | 57                       |
| South Dakota .....      | 533.0         | 622.0         | 468.0             | 75                       |
| Texas .....             | 33.0          | 63.0          | 52.0              | 83                       |
| United States .....     | 1,350.6       | 1,718.7       | 1,216.0           | 71                       |

<sup>1</sup> Intended plantings in 2021 as indicated by reports from farmers.

## Flaxseed Area Planted – States and United States: 2019-2021

| State               | Area planted  |               |                   | Percent of previous year |
|---------------------|---------------|---------------|-------------------|--------------------------|
|                     | 2019          | 2020          | 2021 <sup>1</sup> |                          |
|                     | (1,000 acres) | (1,000 acres) | (1,000 acres)     | (percent)                |
| Montana .....       | 99            | 105           | 115               | 110                      |
| North Dakota .....  | 275           | 200           | 285               | 143                      |
| United States ..... | 374           | 305           | 400               | 131                      |

<sup>1</sup> Intended plantings in 2021 as indicated by reports from farmers.



## Cotton Area Planted by Type – States and United States: 2019-2021

| Type and State       | Area planted  |               |                   | Percent of previous year |
|----------------------|---------------|---------------|-------------------|--------------------------|
|                      | 2019          | 2020          | 2021 <sup>1</sup> |                          |
|                      | (1,000 acres) | (1,000 acres) | (1,000 acres)     | (percent)                |
| <b>Upland</b>        |               |               |                   |                          |
| Alabama .....        | 540.0         | 450.0         | 450.0             | 100                      |
| Arizona .....        | 160.0         | 125.0         | 115.0             | 92                       |
| Arkansas .....       | 620.0         | 525.0         | 490.0             | 93                       |
| California .....     | 54.0          | 34.0          | 25.0              | 74                       |
| Florida .....        | 112.0         | 98.0          | 110.0             | 112                      |
| Georgia .....        | 1,400.0       | 1,190.0       | 1,200.0           | 101                      |
| Kansas .....         | 175.0         | 195.0         | 190.0             | 97                       |
| Louisiana .....      | 280.0         | 170.0         | 120.0             | 71                       |
| Mississippi .....    | 710.0         | 530.0         | 500.0             | 94                       |
| Missouri .....       | 380.0         | 295.0         | 390.0             | 132                      |
| <br>                 |               |               |                   |                          |
| New Mexico .....     | 63.0          | 43.0          | 34.0              | 79                       |
| North Carolina ..... | 510.0         | 360.0         | 410.0             | 114                      |
| Oklahoma .....       | 640.0         | 525.0         | 510.0             | 97                       |
| South Carolina ..... | 300.0         | 190.0         | 190.0             | 100                      |
| Tennessee .....      | 410.0         | 280.0         | 290.0             | 104                      |
| Texas .....          | 7,050.0       | 6,800.0       | 6,800.0           | 100                      |
| Virginia .....       | 103.0         | 80.0          | 70.0              | 88                       |
| <br>                 |               |               |                   |                          |
| United States .....  | 13,507.0      | 11,890.0      | 11,894.0          | 100                      |
| <b>American Pima</b> |               |               |                   |                          |
| Arizona .....        | 7.5           | 6.5           | 4.0               | 62                       |
| California .....     | 204.0         | 147.0         | 110.0             | 75                       |
| New Mexico .....     | 5.2           | 11.0          | 8.0               | 73                       |
| Texas .....          | 12.0          | 38.0          | 20.0              | 53                       |
| <br>                 |               |               |                   |                          |
| United States .....  | 228.7         | 202.5         | 142.0             | 70                       |
| <b>All</b>           |               |               |                   |                          |
| Alabama .....        | 540.0         | 450.0         | 450.0             | 100                      |
| Arizona .....        | 167.5         | 131.5         | 119.0             | 90                       |
| Arkansas .....       | 620.0         | 525.0         | 490.0             | 93                       |
| California .....     | 258.0         | 181.0         | 135.0             | 75                       |
| Florida .....        | 112.0         | 98.0          | 110.0             | 112                      |
| Georgia .....        | 1,400.0       | 1,190.0       | 1,200.0           | 101                      |
| Kansas .....         | 175.0         | 195.0         | 190.0             | 97                       |
| Louisiana .....      | 280.0         | 170.0         | 120.0             | 71                       |
| Mississippi .....    | 710.0         | 530.0         | 500.0             | 94                       |
| Missouri .....       | 380.0         | 295.0         | 390.0             | 132                      |
| <br>                 |               |               |                   |                          |
| New Mexico .....     | 68.2          | 54.0          | 42.0              | 78                       |
| North Carolina ..... | 510.0         | 360.0         | 410.0             | 114                      |
| Oklahoma .....       | 640.0         | 525.0         | 510.0             | 97                       |
| South Carolina ..... | 300.0         | 190.0         | 190.0             | 100                      |
| Tennessee .....      | 410.0         | 280.0         | 290.0             | 104                      |
| Texas .....          | 7,062.0       | 6,838.0       | 6,820.0           | 100                      |
| Virginia .....       | 103.0         | 80.0          | 70.0              | 88                       |
| <br>                 |               |               |                   |                          |
| United States .....  | 13,735.7      | 12,092.5      | 12,036.0          | 100                      |

<sup>1</sup> Intended plantings in 2021 as indicated by reports from farmers.

## Sugarbeet Area Planted – States and United States: 2019-2021

[Relates to year of intended harvest in all States except California]

| State                         | Area planted  |               |                   | Percent of previous year |
|-------------------------------|---------------|---------------|-------------------|--------------------------|
|                               | 2019          | 2020          | 2021 <sup>1</sup> |                          |
|                               | (1,000 acres) | (1,000 acres) | (1,000 acres)     | (percent)                |
| California <sup>2</sup> ..... | 24.5          | 24.0          | 24.0              | 100                      |
| Colorado .....                | 25.1          | 24.2          | 24.0              | 99                       |
| Idaho .....                   | 171.0         | 172.0         | 173.0             | 101                      |
| Michigan .....                | 146.0         | 157.0         | 155.0             | 99                       |
| Minnesota .....               | 425.0         | 432.0         | 440.0             | 102                      |
| Montana .....                 | 41.8          | 43.6          | 42.0              | 96                       |
| Nebraska .....                | 44.0          | 46.2          | 48.0              | 104                      |
| North Dakota .....            | 212.0         | 221.0         | 223.0             | 101                      |
| Oregon .....                  | 10.0          | 9.4           | 10.0              | 106                      |
| Washington .....              | 2.0           | 1.8           | 2.0               | 111                      |
| Wyoming .....                 | 31.6          | 31.0          | 28.0              | 90                       |
| United States .....           | 1,133.0       | 1,162.2       | 1,169.0           | 101                      |

<sup>1</sup> Intended plantings in 2021 as indicated by reports from processors.

<sup>2</sup> Relates to year of planting for overwintered beets in southern California.

## Tobacco Area Harvested – States and United States: 2019-2021

| State                | Area harvested |         |                   | Percent of previous year |
|----------------------|----------------|---------|-------------------|--------------------------|
|                      | 2019           | 2020    | 2021 <sup>1</sup> |                          |
|                      | (acres)        | (acres) | (acres)           | (percent)                |
| Georgia .....        | 9,000          | 7,900   | 7,000             | 89                       |
| Kentucky .....       | 57,400         | 51,400  | 51,100            | 99                       |
| North Carolina ..... | 117,400        | 102,310 | 102,290           | 100                      |
| Pennsylvania .....   | 5,700          | 5,500   | 3,800             | 69                       |
| South Carolina ..... | 8,300          | 6,000   | 6,500             | 108                      |
| Tennessee .....      | 13,300         | 12,300  | 12,500            | 102                      |
| Virginia .....       | 16,020         | 12,650  | 12,610            | 100                      |
| United States .....  | 227,120        | 198,060 | 195,800           | 99                       |

<sup>1</sup> Intended area harvested in 2021 as indicated by reports from farmers.

## Tobacco Area Harvested by Class and Type – States and United States: 2019-2021

| Class, type, and State                     | Area harvested |         |                   | Percent of previous year |
|--|----------------|---------|-------------------|--------------------------|
|  | 2019           | 2020    | 2021 <sup>1</sup> |                          |
|  | (acres)        | (acres) | (acres)           | (percent)                |
| <b>Class 1, Flue-cured (11-14)</b>         |                |         |                   |                          |
| Georgia .....                              | 9,000          | 7,900   | 7,000             | 89                       |
| North Carolina .....                       | 117,000        | 102,000 | 102,000           | 100                      |
| South Carolina .....                       | 8,300          | 6,000   | 6,500             | 108                      |
| Virginia .....                             | 15,000         | 12,000  | 12,000            | 100                      |
| United States .....                        | 149,300        | 127,900 | 127,500           | 100                      |
| <b>Class 2, Fire-cured (21-23)</b>         |                |         |                   |                          |
| Kentucky .....                             | 9,500          | 8,300   | 9,000             | 108                      |
| Tennessee .....                            | 6,300          | 5,800   | 5,800             | 100                      |
| Virginia .....                             | 320            | 250     | 250               | 100                      |
| United States .....                        | 16,120         | 14,350  | 15,050            | 105                      |
| <b>Class 3A, Light air-cured</b>           |                |         |                   |                          |
| Type 31, Burley                            |                |         |                   |                          |
| Kentucky .....                             | 41,000         | 37,000  | 36,000            | 97                       |
| North Carolina .....                       | 400            | 310     | 290               | 94                       |
| Pennsylvania .....                         | 2,500          | 2,800   | 1,400             | 50                       |
| Tennessee .....                            | 4,000          | 2,800   | 2,800             | 100                      |
| Virginia .....                             | 700            | 400     | 360               | 90                       |
| United States .....                        | 48,600         | 43,310  | 40,850            | 94                       |
| Type 32, Southern Maryland                 |                |         |                   |                          |
| Pennsylvania .....                         | 1,000          | 400     | 600               | 150                      |
| United States .....                        | 1,000          | 400     | 600               | 150                      |
| <b>Total light air-cured (31-32)</b> ..... | 49,600         | 43,710  | 41,450            | 95                       |
| <b>Class 3B, Dark air-cured (35-37)</b>    |                |         |                   |                          |
| Kentucky .....                             | 6,900          | 6,100   | 6,100             | 100                      |
| Tennessee .....                            | 3,000          | 3,700   | 3,900             | 105                      |
| United States .....                        | 9,900          | 9,800   | 10,000            | 102                      |
| <b>Class 4, Cigar filler</b>               |                |         |                   |                          |
| Type 41, Pennsylvania Seedleaf             |                |         |                   |                          |
| Pennsylvania .....                         | 2,200          | 2,300   | 1,800             | 78                       |
| United States .....                        | 2,200          | 2,300   | 1,800             | 78                       |
| <b>All tobacco</b>                         |                |         |                   |                          |
| United States .....                        | 227,120        | 198,060 | 195,800           | 99                       |

<sup>1</sup> Intended area harvested in 2021 as indicated by reports from farmers.

## Dry Edible Bean Area Planted – States and United States: 2019-2021

[Excludes beans grown for garden seed]

| State               | Area planted  |               |                   | Percent of previous year |
|---------------------|---------------|---------------|-------------------|--------------------------|
|                     | 2019          | 2020          | 2021 <sup>1</sup> |                          |
|                     | (1,000 acres) | (1,000 acres) | (1,000 acres)     | (percent)                |
| California .....    | 27.9          | 29.0          | 25.0              | 86                       |
| Colorado .....      | 37.0          | 58.0          | 37.0              | 64                       |
| Idaho .....         | 47.0          | 68.0          | 60.0              | 88                       |
| Michigan .....      | 185.0         | 260.0         | 210.0             | 81                       |
| Minnesota .....     | 210.3         | 275.0         | 230.0             | 84                       |
| Nebraska .....      | 120.1         | 165.0         | 140.0             | 85                       |
| North Dakota .....  | 616.5         | 815.0         | 770.0             | 94                       |
| Washington .....    | 26.0          | 41.0          | 45.0              | 110                      |
| Wyoming .....       | 21.0          | 29.0          | 23.0              | 79                       |
| United States ..... | 1,290.8       | 1,740.0       | 1,540.0           | 89                       |

<sup>1</sup> Intended plantings in 2021 as indicated by reports from farmers.

## Chickpea Area Planted – States and United States: 2019-2021

| Size and State                      | Area planted  |               |                   |                          |
|-------------------------------------|---------------|---------------|-------------------|--------------------------|
|                                     | 2019          | 2020          | 2021 <sup>1</sup> | Percent of previous year |
|                                     | (1,000 acres) | (1,000 acres) | (1,000 acres)     | (percent)                |
| <b>Small chickpeas <sup>2</sup></b> |               |               |                   |                          |
| California .....                    | (D)           | (D)           | (D)               | (D)                      |
| Idaho .....                         | 20.0          | 6.6           | 6.0               | 91                       |
| Montana .....                       | 51.0          | 21.7          | 35.0              | 161                      |
| North Dakota .....                  | (D)           | (D)           | (D)               | (D)                      |
| Washington .....                    | 25.0          | 14.9          | 14.0              | 94                       |
| Other States <sup>3</sup> .....     | 9.0           | 5.2           | 4.0               | 77                       |
| United States .....                 | 105.0         | 48.4          | 59.0              | 122                      |
| <b>Large chickpeas <sup>4</sup></b> |               |               |                   |                          |
| California .....                    | (D)           | (D)           | (D)               | (D)                      |
| Idaho .....                         | 68.0          | 54.5          | 73.0              | 134                      |
| Montana .....                       | 148.0         | 94.6          | 95.0              | 100                      |
| North Dakota .....                  | (D)           | (D)           | (D)               | (D)                      |
| Washington .....                    | 87.0          | 56.8          | 54.0              | 95                       |
| Other States <sup>3</sup> .....     | 45.4          | 15.5          | 9.0               | 58                       |
| United States .....                 | 348.4         | 221.4         | 231.0             | 104                      |
| <b>All chickpeas</b>                |               |               |                   |                          |
| California .....                    | 13.4          | 8.3           | 5.0               | 60                       |
| Idaho .....                         | 88.0          | 61.1          | 79.0              | 129                      |
| Montana .....                       | 199.0         | 116.3         | 130.0             | 112                      |
| North Dakota .....                  | 41.0          | 12.4          | 8.0               | 65                       |
| Washington .....                    | 112.0         | 71.7          | 68.0              | 95                       |
| United States .....                 | 453.4         | 269.8         | 290.0             | 107                      |

(D) Withheld to avoid disclosing data for individual operations.

<sup>1</sup> Intended plantings in 2021 as indicated by reports from farmers.

<sup>2</sup> Chickpeas 20/64 inches or smaller.

<sup>3</sup> Includes data withheld above.

<sup>4</sup> Chickpeas larger than 20/64 inches.

### Lentil Area Planted – States and United States: 2019-2021

| State               | Area planted  |               |                   | Percent of previous year |
|---------------------|---------------|---------------|-------------------|--------------------------|
|                     | 2019          | 2020          | 2021 <sup>1</sup> |                          |
|                     | (1,000 acres) | (1,000 acres) | (1,000 acres)     | (percent)                |
| Idaho .....         | 34.0          | 29.0          | 28.0              | 97                       |
| Montana .....       | 295.0         | 370.0         | 440.0             | 119                      |
| North Dakota .....  | 95.0          | 83.0          | 98.0              | 118                      |
| Washington .....    | 62.0          | 46.0          | 45.0              | 98                       |
| United States ..... | 486.0         | 528.0         | 611.0             | 116                      |

<sup>1</sup> Intended plantings in 2021 as indicated by reports from farmers.

### Dry Edible Pea Area Planted – States and United States: 2019-2021

| State               | Area planted  |               |                   | Percent of previous year |
|---------------------|---------------|---------------|-------------------|--------------------------|
|                     | 2019          | 2020          | 2021 <sup>1</sup> |                          |
|                     | (1,000 acres) | (1,000 acres) | (1,000 acres)     | (percent)                |
| Idaho .....         | 28.0          | 35.0          | 31.0              | 89                       |
| Montana .....       | 530.0         | 490.0         | 500.0             | 102                      |
| Nebraska .....      | 31.0          | 36.0          | 34.0              | 94                       |
| North Dakota .....  | 425.0         | 330.0         | 230.0             | 70                       |
| South Dakota .....  | 16.0          | 29.0          | 13.0              | 45                       |
| Washington .....    | 72.0          | 79.0          | 85.0              | 108                      |
| United States ..... | 1,102.0       | 999.0         | 893.0             | 89                       |

<sup>1</sup> Intended plantings in 2021 as indicated by reports from farmers.

## Crop Area Planted and Harvested, Yield, and Production in Domestic Units – United States: 2020 and 2021

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2021 crop year. Blank data cells indicate estimation period has not yet begun]

| Crop                                    | Area planted  |               | Area harvested |               |
|---|---------------|---------------|----------------|---------------|
|   | 2020          | 2021          | 2020           | 2021          |
|   | (1,000 acres) | (1,000 acres) | (1,000 acres)  | (1,000 acres) |
| <b>Grains and hay</b>                   |               |               |                |               |
| Barley .....                            | 2,621         | 2,590         | 2,133          |               |
| Corn for grain <sup>1</sup> .....       | 90,819        | 91,144        | 82,467         |               |
| Corn for silage .....                   | (NA)          |               | 6,719          |               |
| Hay, all .....                          | (NA)          | (NA)          | 52,238         | 51,714        |
| Alfalfa .....                           | (NA)          |               | 16,230         |               |
| All other .....                         | (NA)          |               | 36,008         |               |
| Oats .....                              | 2,984         | 2,488         | 1,004          |               |
| Proso millet .....                      | 609           |               | 484            |               |
| Rice .....                              | 3,036         | 2,710         | 2,987          |               |
| Rye .....                               | 1,955         |               | 330            |               |
| Sorghum for grain <sup>1</sup> .....    | 5,880         | 6,940         | 5,095          |               |
| Sorghum for silage .....                | (NA)          |               | 239            |               |
| Wheat, all .....                        | 44,349        | 46,358        | 36,746         |               |
| Winter .....                            | 30,415        | 33,078        | 23,024         |               |
| Durum .....                             | 1,684         | 1,540         | 1,662          |               |
| Other spring .....                      | 12,250        | 11,740        | 12,060         |               |
| <b>Oilseeds</b>                         |               |               |                |               |
| Canola .....                            | 1,825.0       | 2,115.0       | 1,789.0        |               |
| Cottonseed .....                        | (X)           |               | (X)            |               |
| Flaxseed .....                          | 305           | 400           | 296            |               |
| Mustard seed .....                      | 97.0          |               | 91.4           |               |
| Peanuts .....                           | 1,664.2       | 1,625.5       | 1,615.8        |               |
| Rapeseed .....                          | 11.2          |               | 10.1           |               |
| Safflower .....                         | 136.0         |               | 126.7          |               |
| Soybeans for beans .....                | 83,084        | 87,600        | 82,318         |               |
| Sunflower .....                         | 1,718.7       | 1,216.0       | 1,665.7        |               |
| <b>Cotton, tobacco, and sugar crops</b> |               |               |                |               |
| Cotton, all .....                       | 12,092.5      | 12,036.0      | 8,701.5        |               |
| Upland .....                            | 11,890.0      | 11,894.0      | 8,507.0        |               |
| American Pima .....                     | 202.5         | 142.0         | 194.5          |               |
| Sugarbeets .....                        | 1,162.2       | 1,169.0       | 1,142.3        |               |
| Sugarcane .....                         | (NA)          |               | 947.6          |               |
| Tobacco .....                           | (NA)          | (NA)          | 198.1          | 195.8         |
| <b>Dry beans, peas, and lentils</b>     |               |               |                |               |
| Chickpeas .....                         | 269.8         | 290.0         | 262.9          |               |
| Dry edible beans .....                  | 1,740.0       | 1,540.0       | 1,676.5        |               |
| Dry edible peas .....                   | 999.0         | 893.0         | 973.0          |               |
| Lentils .....                           | 528.0         | 611.0         | 514.0          |               |
| <b>Potatoes and miscellaneous</b>       |               |               |                |               |
| Hops .....                              | (NA)          |               | 58.6           |               |
| Maple syrup .....                       | (NA)          |               | (NA)           |               |
| Mushrooms .....                         | (NA)          |               | (NA)           |               |
| Peppermint oil .....                    | (NA)          |               | 50.1           |               |
| Potatoes .....                          | 921.0         |               | 914.1          |               |
| Spearmint oil .....                     | (NA)          |               | 17.7           |               |

See footnote(s) at end of table.

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**Crop Area Planted and Harvested, Yield, and Production in Domestic Units – United States:  
2020 and 2021 (continued)**

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2021 crop year. Blank data cells indicate estimation period has not yet begun]

| Crop                                    | Yield per acre |       | Production |         |
|---|----------------|-------|------------|---------|
|   | 2020           | 2021  | 2020       | 2021    |
|   |                |       | (1,000)    | (1,000) |
| <b>Grains and hay</b>                   |                |       |            |         |
| Barley .....                            | bushels        | 77.5  | 165,324    |         |
| Corn for grain .....                    | bushels        | 172.0 | 14,182,479 |         |
| Corn for silage .....                   | tons           | 20.5  | 137,729    |         |
| Hay, all .....                          | tons           | 2.43  | 126,812    |         |
| Alfalfa .....                           | tons           | 3.27  | 53,067     |         |
| All other .....                         | tons           | 2.05  | 73,745     |         |
| Oats .....                              | bushels        | 65.1  | 65,355     |         |
| Proso millet .....                      | bushels        | 19.0  | 9,210      |         |
| Rice <sup>2</sup> .....                 | cwt            | 7,619 | 227,583    |         |
| Rye .....                               | bushels        | 34.9  | 11,532     |         |
| Sorghum for grain .....                 | bushels        | 73.2  | 372,960    |         |
| Sorghum for silage .....                | tons           | 13.1  | 3,125      |         |
| Wheat, all .....                        | bushels        | 49.7  | 1,825,820  |         |
| Winter .....                            | bushels        | 50.9  | 1,171,022  |         |
| Durum .....                             | bushels        | 41.4  | 68,808     |         |
| Other spring .....                      | bushels        | 48.6  | 585,990    |         |
| <b>Oilseeds</b>                         |                |       |            |         |
| Canola .....                            | pounds         | 1,931 | 3,454,950  |         |
| Cottonseed .....                        | tons           | (X)   | 4,587.0    |         |
| Flaxseed .....                          | bushels        | 19.3  | 5,706      |         |
| Mustard seed .....                      | pounds         | 895   | 81,770     |         |
| Peanuts .....                           | pounds         | 3,796 | 6,133,900  |         |
| Rapeseed .....                          | pounds         | 1,971 | 19,910     |         |
| Safflower .....                         | pounds         | 1,167 | 147,800    |         |
| Soybeans for beans .....                | bushels        | 50.2  | 4,135,477  |         |
| Sunflower .....                         | pounds         | 1,790 | 2,982,410  |         |
| <b>Cotton, tobacco, and sugar crops</b> |                |       |            |         |
| Cotton, all <sup>2</sup> .....          | bales          | 825   | 14,953.0   |         |
| Upland <sup>2</sup> .....               | bales          | 813   | 14,401.0   |         |
| American Pima <sup>2</sup> .....        | bales          | 1,362 | 552.0      |         |
| Sugarbeets .....                        | tons           | 29.4  | 33,618     |         |
| Sugarcane .....                         | tons           | 38.1  | 36,100     |         |
| Tobacco .....                           | pounds         | 1,966 | 389,413    |         |
| <b>Dry beans, peas, and lentils</b>     |                |       |            |         |
| Chickpeas <sup>2</sup> .....            | cwt            | 1,625 | 4,273      |         |
| Dry edible beans <sup>2</sup> .....     | cwt            | 1,966 | 32,963     |         |
| Dry edible peas <sup>2</sup> .....      | cwt            | 2,234 | 21,733     |         |
| Lentils <sup>5</sup> .....              | cwt            | 1,442 | 7,411      |         |
| <b>Potatoes and miscellaneous</b>       |                |       |            |         |
| Hops .....                              | pounds         | 1,770 | 103,810.3  |         |
| Maple syrup .....                       | gallons        | (NA)  | 4,372      |         |
| Mushrooms .....                         | pounds         | (NA)  | 816,367    |         |
| Peppermint oil .....                    | pounds         | 99    | 4,984      |         |
| Potatoes .....                          | cwt            | 453   | 414,248    |         |
| Spearmint oil .....                     | pounds         | 121   | 2,134      |         |

(NA) Not available.

(X) Not applicable.

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

<sup>2</sup> Yield in pounds.



## Crop Area Planted and Harvested, Yield, and Production in Metric Units – United States: 2020 and 2021

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2021 crop year. Blank data cells indicate estimation period has not yet begun]

| Crop                                    | Area planted |            | Area harvested |            |
|---|--------------|------------|----------------|------------|
|   | 2020         | 2021       | 2020           | 2021       |
|   | (hectares)   | (hectares) | (hectares)     | (hectares) |
| <b>Grains and hay</b>                   |              |            |                |            |
| Barley .....                            | 1,060,690    | 1,048,150  | 863,200        |            |
| Corn for grain <sup>1</sup> .....       | 36,753,540   | 36,885,070 | 33,373,570     |            |
| Corn for silage .....                   | (NA)         |            | 2,719,110      |            |
| Hay, all <sup>2</sup> .....             | (NA)         | (NA)       | 21,140,200     | 20,928,140 |
| Alfalfa .....                           | (NA)         |            | 6,568,120      |            |
| All other .....                         | (NA)         |            | 14,572,080     |            |
| Oats .....                              | 1,207,590    | 1,006,870  | 406,310        |            |
| Proso millet .....                      | 246,460      |            | 195,870        |            |
| Rice .....                              | 1,228,640    | 1,096,710  | 1,208,810      |            |
| Rye .....                               | 791,170      |            | 133,550        |            |
| Sorghum for grain <sup>1</sup> .....    | 2,379,580    | 2,808,550  | 2,061,900      |            |
| Sorghum for silage .....                | (NA)         |            | 96,720         |            |
| Wheat, all <sup>2</sup> .....           | 17,947,600   | 18,760,620 | 14,870,740     |            |
| Winter .....                            | 12,308,650   | 13,386,340 | 9,317,580      |            |
| Durum .....                             | 681,500      | 623,220    | 672,590        |            |
| Other spring .....                      | 4,957,450    | 4,751,060  | 4,880,560      |            |
| <b>Oilseeds</b>                         |              |            |                |            |
| Canola .....                            | 738,560      | 855,920    | 723,990        |            |
| Cottonseed .....                        | (X)          |            | (X)            |            |
| Flaxseed .....                          | 123,430      | 161,880    | 119,790        |            |
| Mustard seed .....                      | 39,250       |            | 36,990         |            |
| Peanuts .....                           | 673,490      | 657,820    | 653,900        |            |
| Rapeseed .....                          | 4,530        |            | 4,090          |            |
| Safflower .....                         | 55,040       |            | 51,270         |            |
| Soybeans for beans .....                | 33,623,260   | 35,450,840 | 33,313,270     |            |
| Sunflower .....                         | 695,540      | 492,100    | 674,090        |            |
| <b>Cotton, tobacco, and sugar crops</b> |              |            |                |            |
| Cotton, all <sup>2</sup> .....          | 4,893,710    | 4,870,850  | 3,521,410      |            |
| Upland .....                            | 4,811,760    | 4,813,380  | 3,442,700      |            |
| American Pima .....                     | 81,950       | 57,470     | 78,710         |            |
| Sugarbeets .....                        | 470,330      | 473,080    | 462,280        |            |
| Sugarcane .....                         | (NA)         |            | 383,480        |            |
| Tobacco .....                           | (NA)         | (NA)       | 80,150         | 79,240     |
| <b>Dry beans, peas, and lentils</b>     |              |            |                |            |
| Chickpeas .....                         | 109,190      | 117,360    | 106,390        |            |
| Dry edible beans .....                  | 704,160      | 623,220    | 678,460        |            |
| Dry edible peas .....                   | 404,290      | 361,390    | 393,760        |            |
| Lentils .....                           | 213,680      | 247,270    | 208,010        |            |
| <b>Potatoes and miscellaneous</b>       |              |            |                |            |
| Hops .....                              | (NA)         |            | 23,730         |            |
| Maple syrup .....                       | (NA)         |            | (NA)           |            |
| Mushrooms .....                         | (NA)         |            | (NA)           |            |
| Peppermint oil .....                    | (NA)         |            | 20,270         |            |
| Potatoes .....                          | 372,720      |            | 369,930        |            |
| Spearmint oil .....                     | (NA)         |            | 7,160          |            |

See footnote(s) at end of table.

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**Crop Area Planted and Harvested, Yield, and Production in Metric Units – United States:  
2020 and 2021 (continued)**

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2021 crop year. Blank data cells indicate estimation period has not yet begun]

| Crop                                    | Yield per hectare     |                       | Production            |                       |
|---|-----------------------|-----------------------|-----------------------|-----------------------|
|   | 2020<br>(metric tons) | 2021<br>(metric tons) | 2020<br>(metric tons) | 2021<br>(metric tons) |
| <b>Grains and hay</b>                   |                       |                       |                       |                       |
| Barley .....                            | 4.17                  |                       | 3,599,510             |                       |
| Corn for grain .....                    | 10.79                 |                       | 360,251,560           |                       |
| Corn for silage .....                   | 45.95                 |                       | 124,945,650           |                       |
| Hay, all <sup>2</sup> .....             | 5.44                  |                       | 115,041,910           |                       |
| Alfalfa .....                           | 7.33                  |                       | 48,141,570            |                       |
| All other .....                         | 4.59                  |                       | 66,900,340            |                       |
| Oats .....                              | 2.33                  |                       | 948,630               |                       |
| Proso millet .....                      | 1.07                  |                       | 208,880               |                       |
| Rice .....                              | 8.54                  |                       | 10,322,990            |                       |
| Rye .....                               | 2.19                  |                       | 292,930               |                       |
| Sorghum for grain .....                 | 4.59                  |                       | 9,473,620             |                       |
| Sorghum for silage .....                | 29.31                 |                       | 2,834,950             |                       |
| Wheat, all <sup>2</sup> .....           | 3.34                  |                       | 49,690,680            |                       |
| Winter .....                            | 3.42                  |                       | 31,870,000            |                       |
| Durum .....                             | 2.78                  |                       | 1,872,650             |                       |
| Other spring .....                      | 3.27                  |                       | 15,948,030            |                       |
| <b>Oilseeds</b>                         |                       |                       |                       |                       |
| Canola .....                            | 2.16                  |                       | 1,567,140             |                       |
| Cottonseed .....                        | (X)                   |                       | 4,161,260             |                       |
| Flaxseed .....                          | 1.21                  |                       | 144,940               |                       |
| Mustard seed .....                      | 1.00                  |                       | 37,090                |                       |
| Peanuts .....                           | 4.25                  |                       | 2,782,290             |                       |
| Rapeseed .....                          | 2.21                  |                       | 9,030                 |                       |
| Safflower .....                         | 1.31                  |                       | 67,040                |                       |
| Soybeans for beans .....                | 3.38                  |                       | 112,549,240           |                       |
| Sunflower .....                         | 2.01                  |                       | 1,352,800             |                       |
| <b>Cotton, tobacco, and sugar crops</b> |                       |                       |                       |                       |
| Cotton, all <sup>2</sup> .....          | 0.92                  |                       | 3,255,630             |                       |
| Upland .....                            | 0.91                  |                       | 3,135,450             |                       |
| American Pima .....                     | 1.53                  |                       | 120,180               |                       |
| Sugarbeets .....                        | 65.97                 |                       | 30,497,740            |                       |
| Sugarcane .....                         | 85.40                 |                       | 32,749,370            |                       |
| Tobacco .....                           | 2.20                  |                       | 176,630               |                       |
| <b>Dry beans, peas, and lentils</b>     |                       |                       |                       |                       |
| Chickpeas .....                         | 1.82                  |                       | 193,820               |                       |
| Dry edible beans .....                  | 2.20                  |                       | 1,495,180             |                       |
| Dry edible peas .....                   | 2.50                  |                       | 985,790               |                       |
| Lentils .....                           | 1.62                  |                       | 336,160               |                       |
| <b>Potatoes and miscellaneous</b>       |                       |                       |                       |                       |
| Hops .....                              | 1.98                  |                       | 47,090                |                       |
| Maple syrup .....                       | (NA)                  |                       | 21,860                |                       |
| Mushrooms .....                         | (NA)                  |                       | 370,300               |                       |
| Peppermint oil .....                    | 0.11                  |                       | 2,260                 |                       |
| Potatoes .....                          | 50.79                 |                       | 18,789,970            |                       |
| Spearmint oil .....                     | 0.14                  |                       | 970                   |                       |

(NA) Not available.

(X) Not applicable.

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

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

## Winter Weather Summary

**Highlights:** Historically cold weather struck the Nation’s mid-section for 2 weeks in February, resulting in the lowest temperatures in many communities since at least December 1989—and in a few cases, tying or breaking all-time records. Deep South Texas was disproportionately affected, as citrus and winter vegetables suffered extensive damage. Cold-related impacts extended far beyond crops, dairies, livestock, greenhouses, and nurseries, as extended power outages led to cascading effects that included potable water shortages and frozen or broken water lines.

Across portions of the Great Plains, autumn and winter drought—along with potential impacts from February’s extreme cold—left one-fifth to one-third of the winter wheat rated in very poor to poor condition by late February in several States, including Texas, Colorado, Kansas, and Nebraska. Some of the most significant exposure of wheat to sub-zero temperatures occurred across the central Plains, along with minor production areas in northeastern Montana and parts of the western Dakotas.

During the first 2 months of 2021, drought coverage remained nearly steady at 45 to 47 percent of the lower 48 States, according to the United States Drought Monitor, down slightly from a December 2020 peak of 49.6 percent. Significant, late-winter improvement in the drought situation was mostly limited to a swath stretching from the Northwest to the central Rockies, while portions of the northern Plains and Southwest noted worsening drought. As winter ended, excessive rainfall in the Kentucky River basin and environs contributed to moderate to major flooding, while a much broader region stretching from northeastern Texas into the central Appalachians and Ohio Valley experienced minor flooding.

Despite the country experiencing its coldest February in 32 years, winter overall was relatively mild. In fact, above-normal December-February temperatures were common across the North and West, while pockets of below-normal temperatures were mostly limited to the south-central United States. Winter warmth was especially prominent in northern New England, including Maine, where December-February temperatures averaged nearly 7°F above normal.

**Historical Perspective:** According to preliminary data provided by the National Centers for Environmental Information, the contiguous United States experienced its 29<sup>th</sup>-warmest, and 26<sup>th</sup>-driest winter during the 126-year period of record. Across the Lower 48 States, the December-February average temperature of 33.6°F was 1.4°F above the 20<sup>th</sup> century average, while precipitation averaged 6.10 inches (90 percent of normal). The “warm” winter ranking occurred despite the country experiencing its coldest February since 1989, as December and January were rather mild.

Winter warmth was most prominent in the North and Far West, while wetness was largely focused across the middle Atlantic States. However, only a handful of states strayed into top-ten territory for winter rankings. It was the third-warmest winter in Maine and the third-driest winter in North Dakota. Virginia cracked the top ten for winter wetness, ranking ninth.

**December:** Mild weather and occasional storms benefited winter wheat, with crop conditions improving across the Great Plains between late November and the end of the year. Wheat rated in very poor to poor condition at the end of December stood at 5 percent in Montana, 8 percent in South Dakota, 15 percent in Nebraska, 17 percent in Kansas, and 34 percent in Colorado, compared to respective November 29 values of 10, 11, 26, 22, and 38 percent. Despite the mostly favorable December weather, significant soil moisture shortages persisted across parts of the Plains. By December 31, topsoil moisture was rated at least one-half very short to short in several states, including Colorado (77 percent), North Dakota (71 percent), Montana (61 percent), South Dakota (59 percent) and Nebraska (56 percent).

Meanwhile, significant drought persisted from Oregon and California to the central and southern Rockies. By December 29, drought covered 78.6 percent of the 11-state Western region and 49.0 percent of the contiguous United States, according to the Drought Monitor. A week earlier, the Nation’s drought coverage had reached a 7-year high, peaking at 49.6 percent. By month’s end, the average water equivalency of the high-elevation Sierra Nevada snowpack stood at just over 5 inches, barely one-half of late-December normal and about one-fifth of the typical spring maximum. Spring and summer water-supply concerns continued to mount in areas already experiencing below-average reservoir storage; that list included California, Colorado, Nevada, New Mexico, and Oregon. In contrast, a La Niña-driven storm track primarily affected the Pacific Northwest, delivering heavy precipitation in western Washington.

Although heavy snow bypassed much of the West, occasional December accumulations occurred from the Plains into the Midwest and Northeast. At mid-month, one of the most significant winter storms in several years deposited 1 to 3 feet of snow in parts of the Northeast. About a week later, a holiday storm produced blizzard conditions (on December 23) in the upper Midwest and sparked a rain-to-snow event (on December 24-25) from the Appalachians into the lower Great Lakes region. A sharp but short-lived cold outbreak trailed the wintry weather into the Midwest and East. Other cool spells in Florida peaked on December 1-2, 8-9, and 17-18.

However, significant early-winter cold outbreaks were scarce, as December temperatures averaged more than 10°F above normal in parts of North Dakota and eastern Montana. In fact, near- or above-normal temperatures covered the country, except for cooler-than-normal conditions in the southern Atlantic States and parts of the Southwest. Despite a cool December, the warmest year on record wrapped up in numerous Southeastern locations, mainly across Florida, but extending as far north as the mid-Atlantic. In addition, several communities in Virginia, including Lynchburg and Roanoke, as well as some places in neighboring states, completed a record-wet year. Southeastern wetness hampered late-season harvest efforts for crops such as cotton and soybeans.

**January:** Arctic air was notably absent from the United States in January, helping to boost monthly temperatures more than 10°F above normal in parts of the Dakotas, Minnesota, and Montana. Northern warmth was particularly impressive during the first half of January, followed by modest, late-month cold outbreaks. In fact, near- or above-normal temperatures covered the entire country, except for pockets of colder-than-normal weather in the Rockies and Southwest.

During the second half of January, Western storms provided some limited drought relief in the Pacific Coast States and parts of the Southwest. The most impressive storm to strike the West was a sprawling, slow-moving, late-month system, which primarily impacted California but also affected other areas. During a 10-day period ending in early February, the average water equivalency of the high-elevation Sierra Nevada snowpack increased from 6 to nearly 13 inches—but was still only 70 percent of normal at the end of the stormy period—according to the California Department of Water Resources. Dry conditions persisted through the end of January, however, across the northern Plains, leading to drought expansion and intensification.

By January 24, topsoil moisture as being at least one-half very short to short throughout the Great Plains, except in Oklahoma (40 percent). Wyoming led the region with topsoil moisture rated 90 percent very short to short on that date, followed by Colorado (79 percent), North Dakota (75 percent), South Dakota (62 percent), Nebraska (60 percent), Montana (57 percent), Kansas (55 percent), and Texas (51 percent). In some areas, winter wheat condition reflected the lack of moisture, despite few temperature extremes. Among the Plains' major winter wheat production states, Texas led on January 24 with 41 percent of its crop rated very poor to poor, followed by Colorado (36 percent) and Kansas (24 percent).

Across the central Plains, however, a late-month storm—peaking on January 25—delivered heavy snow and beneficial moisture. The storm propelled Lincoln, Nebraska, to its snowiest January on record, with a monthly total of 18.9 inches. Periods of precipitation also fell in the Corn Belt, especially on January 25-26 and 30-31, although parts of the upper Midwest remained mostly dry. Several storms crossed the South and East, with some of the heaviest precipitation falling from western Florida to the middle Atlantic Coast. In contrast, near-record January dryness covered much of Florida's peninsula.

**February:** Two weeks of historically cold weather across the Plains, Midwest, and mid-South followed a previously mild winter, leading to livestock and dairy losses. Deep South Texas bore a disproportionate share of the damage, as the coldest weather since December 1989 froze citrus and winter vegetables. In addition, the Arctic blast may have resulted in long-term injury to citrus trees in Texas and could adversely affect the next sugarcane harvest in both Louisiana and Texas.

The severe cold wave, which began to overspread the Nation's mid-section during the weekend of February 6-7, was accompanied by two significant winter storms. Both systems followed a similar path into the Northwest and across the southern Plains and mid-South, causing widespread travel disruptions while delivering snow, sleet, and freezing rain. In Texas and neighboring areas, mid-month power outages caused a chain reaction of adverse impacts that included potable water shortages; frozen and broken water pipes; cattle and poultry deaths; and ornamental and greenhouse losses.

Monthly temperatures averaged at least 10°F below normal in many locations across the Plains, mid-South, and upper Midwest. Cold air also seeped into the Northwest, but areas largely spared from the severe cold spell included California, the Great Basin, and the Southwest, as well as the Atlantic Coast States. February readings averaged more than 5°F above normal in parts of southern Florida.

In February, significant improvement in the Nation's drought situation was mostly limited to a region stretching from the Northwest to the central Rockies. The central Plains also received some beneficial precipitation, while portions of the northern Plains and Southwest noted worsening drought. Notably, California's key watershed areas saw the return of drier-than-normal conditions, following late-January storminess. Meanwhile, the middle and southern Atlantic States received locally heavy precipitation, leading to lowland flooding. Toward winter's end, locally excessive Southeastern rainfall contributed to mostly minor flooding, although pockets of moderate to major flooding submerged portions of the Kentucky River basin.

## Crop Comments

**Corn:** Growers intend to plant 91.1 million acres of corn for all purposes in 2021, up less than 1 percent from last year.

Planted acreage for 2021 is expected to be up or unchanged from 2020 in 24 of the 48 estimating States. Record high acreage is expected in Idaho and Oregon. Record low acreage is expected in Massachusetts and Rhode Island. Acreage increases from last year of 100,000 or more are expected Louisiana, Mississippi, North Dakota, South Dakota, Tennessee, and Wisconsin.

**Sorghum:** Growers intend to plant 6.94 million acres of sorghum for all purposes in 2021, up 18 percent from last year. Kansas, the leading sorghum-producing State, is expecting 20 percent more sorghum acres in 2021 than last year. Texas growers are expecting to plant 11 percent more acres than last year. As of March 21, Texas growers had planted 34 percent of their expected acreage, 3 percentage points ahead of last year and 6 percentage points ahead of the 5-year average.

**Oats:** Area expected to be seeded to oats for the 2021 crop year is estimated at 2.49 million acres, down 17 percent from 2020. If realized, the United States planted area will be the second lowest on record. Record low planted acreage is expected in Oregon, Pennsylvania, and Texas.

**Barley:** Producers intend to seed 2.59 million acres of barley for the 2021 crop year, down 1 percent from the previous year. If realized, this will represent the fourth lowest planted acreage on record. A record low planted acreage is estimated for California, Minnesota, New York, and Wisconsin.

**Winter wheat:** The 2021 winter wheat planted area is estimated at 33.1 million acres, up 9 percent from last year and up 3 percent from the previous estimate. Of the total acreage, about 23.2 million acres are Hard Red Winter, 6.42 million acres are Soft Red Winter, and 3.48 million acres are White Winter. Record low planted acreage is estimated in Nebraska and Utah.

**Durum wheat:** Area seeded to Durum wheat for 2021 is estimated at 1.54 million acres, down 9 percent from 2020. Acreage increases are expected in Arizona and Montana. Heading of Durum wheat in Arizona was 35 percent complete by March 29.

**Other spring wheat:** Growers intend to plant 11.7 million acres of other spring wheat, down 4 percent from 2020. Of this total, about 10.9 million acres are Hard Red Spring wheat. Compared with last year, acreage decreases are expected in all spring wheat-estimating States, except Idaho and Washington. Planted area in North Dakota, the largest spring wheat-producing State, is estimated at 5.60 million acres, down 2 percent from last year.

**Hay:** Producers intend to harvest 51.7 million acres of all hay in 2021, down 1 percent from 2020. If realized, this will represent the lowest total hay harvested area since 1908. Record low all hay harvested area is expected in Connecticut, Maine, Minnesota, Rhode Island, and Wisconsin. Meanwhile, Alaska and Montana are expecting record high acreages.

**Rice:** Area planted to rice in 2021 is expected to total 2.71 million acres, down 11 percent from 2020. Arkansas, the largest long grain rice-producing State, is expected to decrease long grain acres by 15 percent from the previous year. Compared with last year, medium grain acres are expected to decrease 11 percent and short grain acres are expected to decrease 5 percent. California, the largest medium and short grain-producing State, is expected to decrease medium grain planted area by 9 percent and decrease short grain planted area by 5 percent in 2021.

**Canola:** Producers intend to plant a record high 2.12 million acres in 2021, up 16 percent from last year's planted area. Compared with last year, planted area is expected to increase in all six of the major canola-producing States. If realized, planted area in Montana, North Dakota, and Washington will represent record highs. Despite the increase from last year, planted area will be the second lowest on record in Kansas and Oklahoma, if realized. Planted area in North Dakota, the leading canola-producing State, is expected to increase 18 percent from last year to 1.78 million acres. If realized, that planted area will be 80,000 acres higher than the previous record high for North Dakota established in 2019.

**Soybeans:** Growers intend to plant 87.6 million acres in 2021, up 5 percent from last year. Compared with last year, planted acreage intentions are up or unchanged in 23 of the 29 estimating States. Increases of 250,000 acres or more are anticipated in Illinois, Iowa, Minnesota, Nebraska, North Dakota, South Dakota, and Wisconsin. If realized, the planted area in Kentucky, Pennsylvania, South Dakota, and Wisconsin will be the largest on record.

**Peanuts:** Growers intend to plant 1.63 million acres in 2021, down 2 percent from 2020, but 13 percent above 2019. In Georgia, the largest peanut-producing State, expected planted area is down 2 percent (or 20,000 acres) from 2020. Decreases of 20,000 acres from a year ago are also expected in South Carolina and Texas.

**Sunflower:** Growers intend to plant 1.22 million acres in 2021, a decline of 29 percent from 2020. If realized, this will be the lowest planted area on record for the Nation since 1976. Compared with last year, growers in seven of the eight major sunflower-producing States expect a decrease in acreage this year. Planted acreage in North Dakota is expected to decline 315,000 acres from last year to 418,000 acres, which will represent the lowest planted area for the State since 1974. The only State expecting an increase is Colorado, where planted area is expected to be up 12,000 acres from last year.

Area intended for oil type varieties, at 1.08 million acres, is down 28 percent from 2020, and will be the lowest since 1976, if realized. Compared with last year, growers in six of the eight major sunflower-producing States expect a decline in acreage for oil type varieties. The only States expecting an increase are Colorado and Texas. Area intended for non-oil varieties, at 137,000 acres, is down 40 percent from last year and if realized will be equivalent to the previous record low for the Nation. Record low planted area for non-oil varieties is expected in California, Nebraska, and North Dakota.

**Flaxseed:** Growers intend to plant 400,000 acres of flaxseed in 2021, an increase of 31 percent from 2020 planted acres. Acreage in North Dakota, the largest flaxseed-producing State, is expected to be up 43 percent, or 85,000 acres from 2020. Acreage in Montana is expected to increase 10 percent from the previous year.

**Cotton:** Growers intend to plant 12.0 million acres in 2021, down less than 1 percent from last year. Upland area is expected to total 11.9 million acres, up slightly from 2020. American Pima area is expected to total 142,000 acres, down 30 percent from 2020.

The largest increase in acres is expected in Missouri. Compared with the previous year, 9 States are expected to plant fewer Upland cotton acres in 2021. If realized, Upland cotton planted area in California, at 25,000 acres, will be a record low.

**Sugarbeets:** Area expected to be planted to sugarbeets for the 2021 crop year is estimated at 1.17 million acres, up 1 percent from 2020. Intended acreages are above the previous year in 6 of the 11 estimating States.

**Tobacco:** United States all tobacco area for harvest in 2021 is expected to total 195,800 acres, down 1 percent from 2020. If realized, this will be the lowest tobacco area harvested on record. Flue-cured tobacco, at 127,500 acres, is down slightly from 2020 and accounts for 65 percent of this year's total expected tobacco acreage. Total light air-cured tobacco type area, at 41,450 acres, is down 5 percent from 2020. The burley portion of light-air cured tobacco, at 40,850 acres, is down 6 percent from last year. Fire-cured tobacco, at 15,050 acres, is up 5 percent from 2020. Dark air-cured tobacco,

at 10,000 acres, is up 2 percent from last year. Cigar filler tobacco, at 1,800 acres, is down 22 percent from the previous year.

**Dry beans:** Growers intend to plant 1.54 million acres of dry edible beans in 2021, down 11 percent from the previous season's 1.74 million acres. Planted area is expected to be below last year in all estimating States, except Washington.

**Chickpeas:** Growers intend to plant 290,000 acres of chickpeas in 2021, up 7 percent from the previous year. Small chickpea expected planted area is estimated at 59,000 acres, up 22 percent from 2020. Area expected to be planted for large chickpeas in 2021 is estimated at 231,000 acres, a 4 percent increase from the previous year.

**Lentils:** Growers intend to plant 611,000 acres in 2021, up 16 percent from 2020. Planted area is expected to increase in Montana and North Dakota, while planting intentions are lower in Idaho and Washington.

**Dry edible peas:** Growers intend to plant 893,000 acres in 2021, down 11 percent from 2020. Planted area is expected to be lower than last season in Idaho, Nebraska, North Dakota, and South Dakota.

## Statistical Methodology

**Survey Procedures:** The acreage estimates in this report are based primarily on surveys conducted during the first two weeks of March. The March Agricultural Survey is a probability survey that includes a sample of approximately 78,900 farm operators selected from a list of producers that ensures all operations in the United States have a chance to be selected. Data from operators was collected by mail, internet, telephone, or personal interview to obtain information on crop acreage intentions for the 2021 crop year.

**Estimating Procedures:** National, Regional, State, and grower reported data were reviewed for reasonableness and consistency with historical estimates. Each Regional Field Office submits their analysis of the current situation to the Agricultural Statistics Board (ASB). Survey data are compiled to the National level and are reviewed at this level independently of each State's review. Acreage estimates were based on survey data and the historical relationship of official estimates to the survey data.

**Revision Policy:** Acreage estimates in the *Prospective Plantings* report will not be revised. These estimates are intended to reflect grower intentions as of the survey period. New acreage estimates will be made based on surveys conducted in June when crop acreages have been established or planting intentions are firm. These new estimates will be published in the *Acreage* report scheduled for June 30, 2021. Winter wheat is an exception. Since winter wheat was seeded prior to the March survey, any changes in estimates in this report are considered revisions. The estimate of the harvested acreage of winter wheat will be published on May 12, 2021, along with the first production forecast of the crop year.

**Reliability:** The survey used to make acreage estimates is subject to sampling and non-sampling errors that are common to all surveys. Sampling errors represent the variability between estimates that would result if many different samples were surveyed at the same time. Sampling errors for major crops are generally between 1.0 and 3.0 percent, but they cannot be applied directly to the acreage published in this report to determine confidence intervals because the official estimates represent a composite of information from more than a single source.

Non-sampling errors cannot be measured directly. They may occur due to incorrect reporting and/or recording, data omissions or duplications, and errors in processing. To minimize non-sampling errors, vigorous quality controls are used in the data collection process and all data are carefully reviewed for consistency and reasonableness.

To assist users in evaluating the reliability of acreage estimates in this report, the "Root Mean Square Error," a statistical measure based on past performance, is computed. The deviations between the acreage estimates in this report and the final estimates are expressed as a percentage of the final estimates. 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 estimates relative to the final end of season estimates, assuming that factors affecting this year's estimates are not different from those influencing recent years. For example, the "Root Mean Square Error" for the corn planted estimate is 2.1 percent. This means that chances are 2 out of 3 that the current corn acreage estimate will not be above or below the final estimate by more than 2.1 percent. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 3.7 percent.

Also, shown in the following table is a 20 year record for selected crops of the difference between the *Prospective Plantings* planted acreage estimates and the final estimates. Using corn again as an example, changes between the intentions estimates and the final estimates during the past 20 years have averaged 1.29 million acres, ranging from 32,000 acres to 6.17 million acres. The prospective plantings estimates have been below the final estimate 9 times and above 11 times. This does not imply that the planted estimate this year is likely to understate or overstate the final estimate.



## Reliability of Prospective Plantings Planted Acreage Estimates

[Based on data for the past twenty years]

| Crop                   | Root mean square error | 90 percent confidence interval | Difference between forecast and final estimate |               |               |             |             |
|------------------------|------------------------|--------------------------------|--|---------------|---------------|-------------|-------------|
|                        |                        |                                | Thousand acres                                 |               |               | Years       |             |
|                        |                        |                                | Average  | Smallest      | Largest       | Below final | Above final |
|                        | (percent)              | (percent)                      | (1,000 acres)                                  | (1,000 acres) | (1,000 acres) | (number)    | (number)    |
| Barley .....           | 7.8                    | 13.5                           | 217  | 31            | 401           | 6           | 14          |
| Corn .....             | 2.1                    | 3.7                            | 1,288  | 32            | 6,171         | 9           | 11          |
| Hay <sup>1</sup> ..... | 2.7                    | 4.7                            | 1,195  | 34            | 3,769         | 2           | 18          |
| Oats .....             | 6.5                    | 11.3                           | 149  | 21            | 490           | 5           | 15          |
| Peanuts .....          | 7.7                    | 13.3                           | 99   | 8             | 216           | 12          | 8           |
| Rice .....             | 6.5                    | 11.2                           | 156  | 16            | 329           | 11          | 9           |
| Sorghum .....          | 8.3                    | 14.3                           | 479  | 31            | 1,114         | 11          | 9           |
| Soybeans .....         | 3.2                    | 5.5                            | 1,633  | 185           | 8,517         | 9           | 11          |
| Sugarbeets .....       | 2.0                    | 3.5                            | 18   | (Z)           | 67            | 9           | 11          |
| Upland cotton .....    | 7.0                    | 12.1                           | 665  | 13            | 2,115         | 12          | 8           |
| Wheat                  |                        |                                |  |               |               |             |             |
| Winter wheat .....     | 1.7                    | 3.0                            | 557  | 21            | 1,242         | 6           | 14          |
| Durum wheat .....      | 21.6                   | 37.3                           | 256  | 45            | 1,028         | 13          | 7           |
| Other spring .....     | 5.5                    | 9.6                            | 537  | 78            | 2,083         | 9           | 11          |

(Z) Less than half of the unit shown.

<sup>1</sup> Harvested acreage.

## USDA, National Agricultural Statistics Service 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@usda.gov](mailto:nass@usda.gov)

|   |                |
|---|----------------|
| Lance Honig, Chief, Crops Branch .....  | (202) 720-2127 |
| Chris Hawthorn, Head, Field Crops Section .....   | (202) 720-2127 |
| Irwin Anolik – Crop Weather .....   | (202) 720-7621 |
| Joshua Bates – Oats, Soybeans .....   | (202) 690-3234 |
| David Colwell – Current Agricultural Industrial Reports .....   | (202) 720-8800 |
| Becky Sommer – Cotton, Cotton Ginnings, Sorghum .....   | (202) 720-5944 |
| James Johanson – Barley, County Estimates, Hay .....  | (202) 690-8533 |
| Greg Lemmons – Corn, Flaxseed, Proso Millet .....   | (202) 720-9526 |
| Jean Porter – Rye, Wheat .....  | (202) 720-8068 |
| John Stephens – Peanuts, Rice .....   | (202) 720-7688 |
| Travis Thorson – Sunflower, Other Oilseeds .....  | (202) 720-7369 |
| Fleming Gibson, Head, Fruits, Vegetables and Special Crops Section.....   | (202) 720-2127 |
| Heidi Lanouette – Blueberries, Cranberries, Cucumbers, Pistachios, Potatoes, Pumpkins,<br>Raspberries, Squash, Strawberries, Sugarbeets, Sugarcane, Sweet Potatoes..... | (202) 720-4285 |
| Robert Little – Apricots, Dry Beans, Lettuce, Macadamia, Maple Syrup,<br>Nectarines, Pears, Snap Beans, Spinach, Tomatoes .....   | (202) 720-3250 |
| Anastasiya Osborne – Almonds, Apples, Asparagus, Carrots, Coffee, Onions<br>Plums, Prunes, Sweet Corn, Tobacco .....  | (202) 720-4288 |
| Krishna Rizal – Artichokes, Cauliflower, Celery, Grapefruit, Garlic, Hazelnuts,<br>Kiwifruit, Lemons, Mandarins and tangerines, Mint, Mushrooms, Olives, Oranges .....  | (202) 720-5412 |
| Fleming Gibson – Avocados, Bell Peppers, Broccoli, Cabbage, Chickpeas,<br>Chile Peppers, Dates, Floriculture, Grapes, Hops, Pecans .....                                | (202) 720-2127 |
| Antonio Torres – Cantaloupes, Dry Edible Peas, Green Peas, Honeydews, Lentils,<br>Papayas, Peaches, Sweet Cherries, Tart Cherries, Walnuts, Watermelons.....            | (202) 720-2157 |

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- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist [notifications@usda-esmis.library.cornell.edu](mailto:notifications@usda-esmis.library.cornell.edu) in your email client to avoid the emails going into spam/junk folders.

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**Virtual Meeting**  
**April 14 and 15, 2021**  
**12:00 – 3:00 pm ET**

USDA's National Agricultural Statistics Service (NASS) will hold a virtual meeting for users of U.S. domestic and international agriculture data. Along with NASS, the 2021 Spring Data Users' Meeting will headline the Agricultural Marketing Service, Economic Research Service, Farm Service Agency, Foreign Agricultural Service, World Agricultural Outlook Board – and the Census Bureau's Foreign Trade Division. Representatives will provide agency updates, answer questions, and listen to concerns from data users.

### **Abbreviated Agenda**

#### Day 1 – April 14

Agency Updates– *All agencies*

AMS Market News - *Agricultural Marketing Service*

World Board Meteorology - *World Agricultural Outlook Board*

NASS Grain Stocks Program - *National Agricultural Statistics Service*

Foreign Production, Trade, and Import/Export Data - *World Agricultural Outlook Board, Foreign Agricultural Service, and U.S. Census Bureau*

#### Day 2 – April 15

Open Forum – *All agencies*

NASS Modernization - *National Agricultural Statistics Service*

ERS Research - *Economic Research Service*

For registration details or additional information about the Data Users' Meeting, see the meeting page on the NASS website ([https://www.nass.usda.gov/Education\\_and\\_Outreach/Meeting/index.php](https://www.nass.usda.gov/Education_and_Outreach/Meeting/index.php)).