



# Cattle on Feed

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## United States Cattle on Feed Down 1 Percent

**Cattle and calves on feed** for slaughter market in the United States for feedlots with capacity of 1,000 or more head totaled 10.6 million head on May 1, 2014. The inventory was 1 percent below May 1, 2013.

**Placements** in feedlots during April totaled 1.64 million, 5 percent below 2013. Net placements were 1.55 million head. During April, placements of cattle and calves weighing less than 600 pounds were 385,000, 600-699 pounds were 255,000, 700-799 pounds were 396,000, and 800 pounds and greater were 600,000.

**Marketings** of fed cattle during April totaled 1.78 million, 2 percent below 2013. Marketings for April are the lowest for the month since the series began in 1996.

**Other disappearance** totaled 83,000 during April, 20 percent above 2013.

**Number of Cattle on Feed, Placements, Marketings, and Other Disappearance on 1,000+ Capacity Feedlots – United States: May 1, 2013 and 2014**

| Item                                   | Number       |              | Percent of previous year |
|--|--------------|--------------|--------------------------|
|  | 2013         | 2014         |                          |
|  | (1,000 head) | (1,000 head) | (percent)                |
| On feed April 1 .....                  | 10,924       | 10,873       | 100                      |
| Placed on feed during April .....      | 1,720        | 1,636        | 95                       |
| Fed cattle marketed during April ..... | 1,815        | 1,778        | 98                       |
| Other disappearance during April ..... | 69           | 83           | 120                      |
| On feed May 1 .....                    | 10,760       | 10,648       | 99                       |

**Number of Cattle on Feed, Placements, Marketings, and Other Disappearance on 1,000+ Capacity Feedlots – United States: April 1, 2013 and 2014**

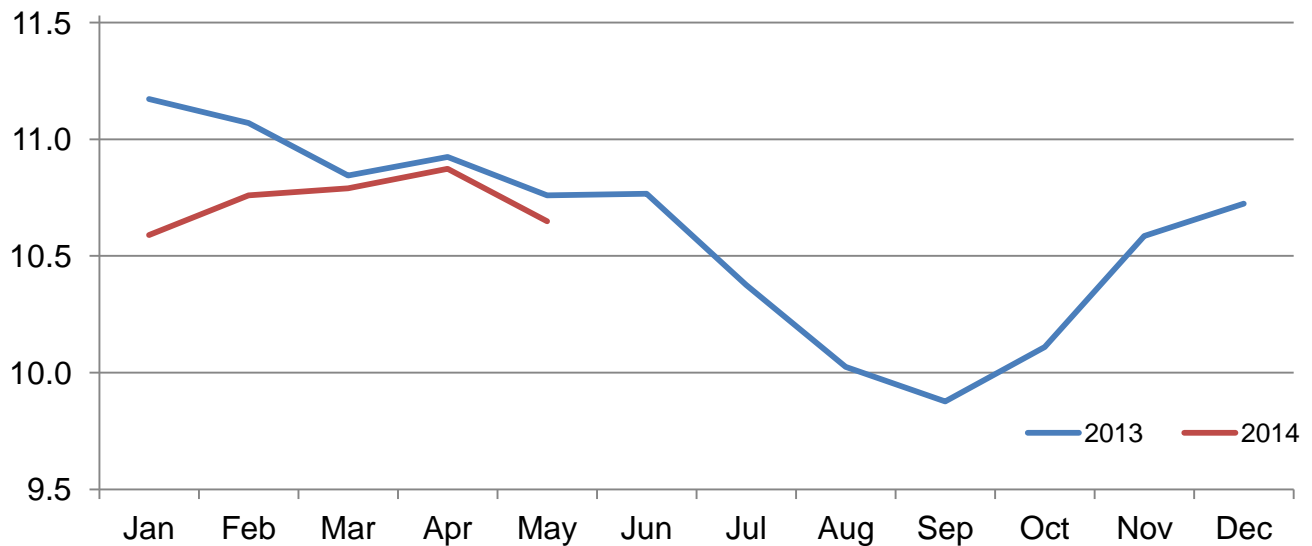
| Item                                   | Number       |              | Percent of previous year |
|--|--------------|--------------|--------------------------|
|  | 2013         | 2014         |                          |
|  | (1,000 head) | (1,000 head) | (percent)                |
| On feed March 1 .....                  | 10,845       | 10,790       | 99                       |
| Placed on feed during March .....      | 1,884        | 1,808        | 96                       |
| Fed cattle marketed during March ..... | 1,724        | 1,660        | 96                       |
| Other disappearance during March ..... | 81           | 65           | 80                       |
| On feed April 1 .....                  | 10,924       | 10,873       | 100                      |

**Number of Cattle on Feed on 1,000+ Capacity Feedlots by Month – States and United States: 2013 and 2014**

| State               | May 1, 2013  | April 1, 2014 | May 1, 2014  |                          |                           |
|---------------------|--------------|---------------|--------------|--------------------------|---------------------------|
|                     |              |               | Number       | Percent of previous year | Percent of previous month |
|                     | (1,000 head) | (1,000 head)  | (1,000 head) | (percent)                | (percent)                 |
| Arizona .....       | 275          | 277           | 277          | 101                      | 100                       |
| California .....    | 495          | 475           | 450          | 91                       | 95                        |
| Colorado .....      | 960          | 970           | 960          | 100                      | 99                        |
| Idaho .....         | 210          | 210           | 215          | 102                      | 102                       |
| Iowa .....          | 620          | 670           | 660          | 106                      | 99                        |
| Kansas .....        | 2,070        | 2,090         | 2,010        | 97                       | 96                        |
| Minnesota .....     | 130          | 136           | 138          | 106                      | 101                       |
| Nebraska .....      | 2,400        | 2,500         | 2,490        | 104                      | 100                       |
| Oklahoma .....      | 295          | 275           | 255          | 86                       | 93                        |
| South Dakota .....  | 225          | 240           | 235          | 104                      | 98                        |
| Texas .....         | 2,540        | 2,500         | 2,430        | 96                       | 97                        |
| Washington .....    | 220          | 210           | 208          | 95                       | 99                        |
| Other States .....  | 320          | 320           | 320          | 100                      | 100                       |
| United States ..... | 10,760       | 10,873        | 10,648       | 99                       | 98                        |

**Cattle on Feed Inventory on 1,000+ Capacity Feedlots – United States**

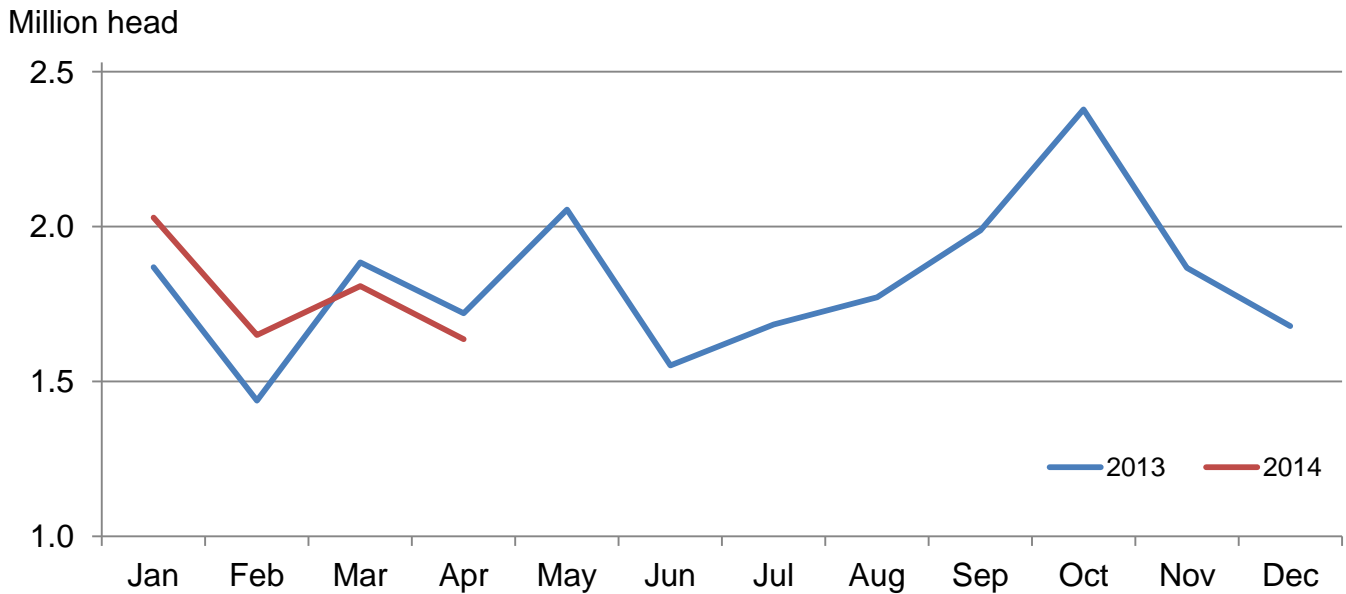
Million head



**Number of Cattle Placed on Feed on 1,000+ Capacity Feedlots by Month – States and United States: 2013 and 2014**

| State               | During April 2013<br>(1,000 head) | During March 2014<br>(1,000 head) | During April 2014      |                                       |  |
|---------------------|-----------------------------------|-----------------------------------|------------------------|---------------------------------------|--|
|                     |                                   |                                   | Number<br>(1,000 head) | Percent of previous year<br>(percent) | Percent of previous month<br>(percent) |
| Arizona .....       | 26                                | 30                                | 26                     | 100                                   | 87                                     |
| California .....    | 62                                | 53                                | 57                     | 92                                    | 108                                    |
| Colorado .....      | 140                               | 165                               | 130                    | 93                                    | 79                                     |
| Idaho .....         | 33                                | 34                                | 32                     | 97                                    | 94                                     |
| Iowa .....          | 89                                | 71                                | 69                     | 78                                    | 97                                     |
| Kansas .....        | 335                               | 390                               | 325                    | 97                                    | 83                                     |
| Minnesota .....     | 16                                | 18                                | 16                     | 100                                   | 89                                     |
| Nebraska .....      | 440                               | 410                               | 420                    | 95                                    | 102                                    |
| Oklahoma .....      | 51                                | 52                                | 43                     | 84                                    | 83                                     |
| South Dakota .....  | 26                                | 37                                | 28                     | 108                                   | 76                                     |
| Texas .....         | 435                               | 470                               | 420                    | 97                                    | 89                                     |
| Washington .....    | 26                                | 43                                | 35                     | 135                                   | 81                                     |
| Other States .....  | 41                                | 35                                | 35                     | 85                                    | 100                                    |
| United States ..... | 1,720                             | 1,808                             | 1,636                  | 95                                    | 90                                     |

**Number of Cattle Placed on 1,000+ Capacity Feedlots – United States**



**Number of Cattle Placed on Feed by Weight Group on 1,000+ Capacity Feedlots by Month – States and United States: 2013 and 2014**

| State               | During April  |              |              |              |              |              |              |              |              |              |
|---------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                     | Under 600 lbs |              | 600-699 lbs  |              | 700-799 lbs  |              | 800+ lbs     |              | Total        |              |
|                     | 2013          | 2014         | 2013         | 2014         | 2013         | 2014         | 2013         | 2014         | 2013         | 2014         |
|                     | (1,000 head)  | (1,000 head) | (1,000 head) | (1,000 head) | (1,000 head) | (1,000 head) | (1,000 head) | (1,000 head) | (1,000 head) | (1,000 head) |
| Colorado .....      | 20            | 25           | 35           | 25           | 40           | 35           | 45           | 45           | 140          | 130          |
| Kansas .....        | 55            | 60           | 50           | 50           | 90           | 90           | 140          | 125          | 335          | 325          |
| Nebraska .....      | 70            | 65           | 70           | 65           | 105          | 95           | 195          | 195          | 440          | 420          |
| Texas .....         | 140           | 140          | 65           | 70           | 115          | 110          | 115          | 100          | 435          | 420          |
| Other States .....  | 85            | 95           | 50           | 45           | 90           | 66           | 145          | 135          | 370          | 341          |
| United States ..... | 370           | 385          | 270          | 255          | 440          | 396          | 640          | 600          | 1,720        | 1,636        |

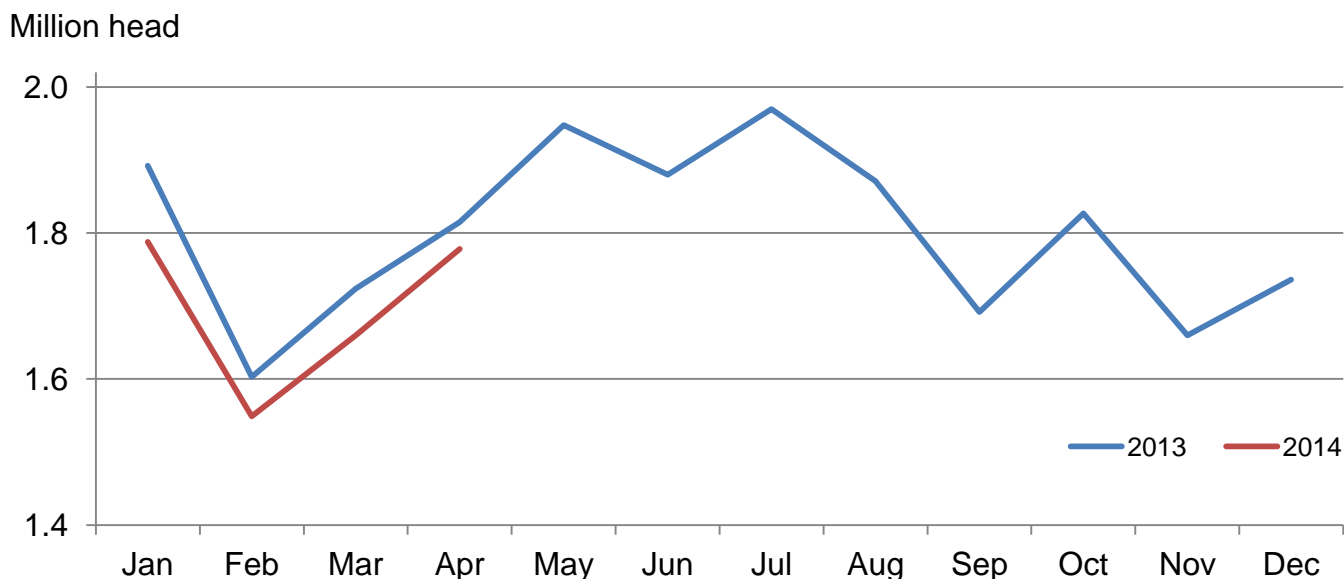
  

| State               | During March  |              |              |              |              |              |              |              |              |              |
|---------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                     | Under 600 lbs |              | 600-699 lbs  |              | 700-799 lbs  |              | 800+ lbs     |              | Total        |              |
|                     | 2013          | 2014         | 2013         | 2014         | 2013         | 2014         | 2013         | 2014         | 2013         | 2014         |
|                     | (1,000 head)  | (1,000 head) | (1,000 head) | (1,000 head) | (1,000 head) | (1,000 head) | (1,000 head) | (1,000 head) | (1,000 head) | (1,000 head) |
| Colorado .....      | 25            | 35           | 30           | 30           | 55           | 50           | 50           | 50           | 160          | 165          |
| Kansas .....        | 60            | 65           | 60           | 55           | 130          | 110          | 175          | 160          | 425          | 390          |
| Nebraska .....      | 55            | 55           | 60           | 65           | 110          | 105          | 175          | 185          | 400          | 410          |
| Texas .....         | 170           | 170          | 115          | 90           | 160          | 125          | 85           | 85           | 530          | 470          |
| Other States .....  | 100           | 100          | 50           | 55           | 80           | 78           | 139          | 140          | 369          | 373          |
| United States ..... | 410           | 425          | 315          | 295          | 535          | 468          | 624          | 620          | 1,884        | 1,808        |

**Number of Cattle Marketed on 1,000+ Capacity Feedlots by Month – States and United States: 2013 and 2014**

| State               | During April 2013 | During March 2014 | During April 2014 |                          |                           |
|---------------------|-------------------|-------------------|-------------------|--------------------------|---------------------------|
|                     |                   |                   | Number            | Percent of previous year | Percent of previous month |
|                     | (1,000 head)      | (1,000 head)      | (1,000 head)      | (percent)                | (percent)                 |
| Arizona .....       | 28                | 24                | 25                | 89                       | 104                       |
| California .....    | 49                | 70                | 67                | 137                      | 96                        |
| Colorado .....      | 150               | 130               | 130               | 87                       | 100                       |
| Idaho .....         | 36                | 33                | 26                | 72                       | 79                        |
| Iowa .....          | 97                | 69                | 76                | 78                       | 110                       |
| Kansas .....        | 350               | 345               | 385               | 110                      | 112                       |
| Minnesota .....     | 18                | 16                | 13                | 72                       | 81                        |
| Nebraska .....      | 460               | 395               | 415               | 90                       | 105                       |
| Oklahoma .....      | 60                | 46                | 62                | 103                      | 135                       |
| South Dakota .....  | 30                | 35                | 30                | 100                      | 86                        |
| Texas .....         | 460               | 430               | 480               | 104                      | 112                       |
| Washington .....    | 35                | 29                | 36                | 103                      | 124                       |
| Other States .....  | 42                | 38                | 33                | 79                       | 87                        |
| United States ..... | 1,815             | 1,660             | 1,778             | 98                       | 107                       |

## Number of Cattle Marketed on 1,000+ Capacity Feedlots – United States



### Other Disappearance on 1,000+ Capacity Feedlots by Month – States and United States: 2013 and 2014

| State               | During April 2013<br>(1,000 head) | During March 2014<br>(1,000 head) | During April 2014      |                                       |  |
|---------------------|-----------------------------------|-----------------------------------|------------------------|---------------------------------------|--|
|                     |                                   |                                   | Number<br>(1,000 head) | Percent of previous year<br>(percent) | Percent of previous month<br>(percent) |
| Arizona .....       | 1                                 | 1                                 | 1                      | 100                                   | 100                                    |
| California .....    | 3                                 | 8                                 | 15                     | 500                                   | 188                                    |
| Colorado .....      | 10                                | 5                                 | 10                     | 100                                   | 200                                    |
| Idaho .....         | 2                                 | 1                                 | 1                      | 50                                    | 100                                    |
| Iowa .....          | 2                                 | 2                                 | 3                      | 150                                   | 150                                    |
| Kansas .....        | 15                                | 15                                | 20                     | 133                                   | 133                                    |
| Minnesota .....     | 1                                 | 1                                 | 1                      | 100                                   | 100                                    |
| Nebraska .....      | 10                                | 15                                | 15                     | 150                                   | 100                                    |
| Oklahoma .....      | 1                                 | 1                                 | 1                      | 100                                   | 100                                    |
| South Dakota .....  | 1                                 | 2                                 | 3                      | 300                                   | 150                                    |
| Texas .....         | 15                                | 10                                | 10                     | 67                                    | 100                                    |
| Washington .....    | 4                                 | 2                                 | 1                      | 25                                    | 50                                     |
| Other States .....  | 4                                 | 2                                 | 2                      | 50                                    | 100                                    |
| United States ..... | 69                                | 65                                | 83                     | 120                                   | 128                                    |

## Terms and Definitions of Cattle on Feed Estimates

**Cattle on feed** are animals being fed a ration of grain, silage, hay and/or protein supplement for slaughter market that are expected to produce a carcass that will grade select or better. It excludes cattle being "backgrounded only" for later sale as feeders or later placement in another feedlot.

**Placements** are cattle put into a feedlot, fed a ration which will produce a carcass that will grade select or better, and are intended for the slaughter market.

**Marketings** are cattle shipped out of feedlots to a slaughter market.

**Other disappearance** includes death loss, movement from feedlots to pasture, and shipments to other feedlots for further feeding.

## Reliability of Cattle on Feed Estimates

**Survey Procedures:** During January and July all known feedlots in the United States with capacity of 1,000 or more head are surveyed to provide data for cattle on feed estimates. During the other months, all known feedlots from 16 States are surveyed. The 16 States account for approximately 98 percent of the cattle on feed in feedlots with capacity of 1,000 or more head. Individual State estimates are published monthly for 11 of the 16 States. Data collected from the remaining 5 States are used to establish the "Other States" estimates. These 5 States include Illinois, Minnesota, New Mexico, Oregon, and Wyoming. The "Other States" category represents all cattle on feed with a capacity of 1,000 or more head for the rest of the United States.

**Estimating Procedures:** These cattle on feed estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by each State office. Regional and State survey data were reviewed for reasonableness with each other and with estimates from the previous month when establishing the current estimates.

**Revision Policy:** Revisions to previous estimates are made to improve month to month relationships. Estimates for the previous month are subject to revision in all States each month when current estimates are made. In February, all monthly estimates for the previous year, and the number of feedlots and annual marketings from two years ago are reviewed and subject to revisions. The reviews are primarily based on slaughter data, state check-off or brand data, and any other data that may have been received after the original estimate was made. Estimates will also be reviewed after data from the Census of Agriculture are available. No revisions will be made after that date and estimates become final.

**Reliability:** Since all 1,000+ capacity cattle on feed operators in every State are not included in the monthly survey, survey estimates are subject to sampling variability. Survey results are also subject to non-sampling errors such as omissions, duplications, and mistakes in reporting, recording, and processing the data. The effects of these errors cannot be measured directly. They are minimized through rigid quality controls in the data collection process and through a careful review of all reported data for consistency and reasonableness.

To assist users in evaluating the reliability of estimates in this report, the "**Root Mean Square Error**" is shown for selected items in the table on the following page. The "Root Mean Square Error" is a statistical measure based on past performance and is computed using the differences between first and latest estimates. The "Root Mean Square Error" for cattle on feed inventory estimates over the past 24 months is 0.1 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 10.6 million head by more than 0.1 percent. Chances are 9 out of 10 that the difference will not exceed 0.2 percent.

The table on the following page shows a 24 month record of the range of differences between first and latest estimates for selected items. Using estimates of number on feed as an example, changes between the first estimate and the latest estimate during the past 24 months have averaged 9,000 head, ranging from 0 to 34,000 head. During this period the initial estimate has been above the latest estimate 9 times and has been below the latest estimate 7 times. This does not imply that the initial estimate is likely to understate or overstate final inventory.

## Reliability of Monthly Cattle on Feed Estimates

[Based on data for the past 24 months]

| Item                 | Root mean square error | 90 percent confidence level | Difference between first and latest estimate |          |         |              |              |
|----------------------|------------------------|-----------------------------|--|----------|---------|--------------|--------------|
|                      |                        |                             | Average                                      | Smallest | Largest | Months       |              |
|                      |                        |                             |  |          |         | Below latest | Above latest |
|                      | (percent)              | (percent)                   | (1,000)                                      | (1,000)  | (1,000) | (number)     | (number)     |
| Number on feed ..... | 0.1                    | 0.2                         | 9  | 0        | 34      | 7            | 9            |
| Placements .....     | 1.6                    | 2.8                         | 16   | 0        | 88      | 4            | 13           |
| Marketings .....     | 1.3                    | 2.3                         | 14   | 0        | 67      | 1            | 12           |

## Information Contacts

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

|   |                |
|---|----------------|
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| Scott Hollis, Head, Livestock Section .....       | (202) 690-2424 |
| Travis Averill – Cattle, Cattle on Feed .....     | (202) 720-3040 |
| Doug Bounds – Hogs and Pigs .....                 | (202) 720-3106 |
| Alissa Cowell-Mytar – Sheep and Goats.....        | (202) 720-4751 |
| Donnie Fike – Dairy Products .....                | (202) 690-3236 |
| Tiffany Hora – Livestock Slaughter .....          | (515) 284-4340 |
| Mike Miller – Milk Production and Milk Cows ..... | (202) 720-3278 |



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For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [nass@nass.usda.gov](mailto:nass@nass.usda.gov).

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