



# Minnesota Ag News – Crop Production

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**Corn for grain** production in Minnesota for 2023 was estimated at 1.51 billion bushels, according to the USDA, National Agricultural Statistics Service – *Crop Production 2023 Summary*. Current year production was up 4 percent from the previous year's 1.46 billion bushels. Minnesota's corn for grain yield was estimated at 185.0 bushels per acre. Area harvested for grain was estimated at 8.18 million acres, 690,000 acres above 2022. Corn planted for all purposes in 2023 was estimated at 8.60 million acres.

**Corn for silage** production was estimated at 6.48 million tons, down 33 percent from 2022. The silage yield estimate of 18.5 tons per acre was down 3.0 tons per acre from 2022. Producers harvested 350,000 acres of corn for silage, down 22 percent from 2022.

**Soybean** production was estimated at 349 million bushels in 2023. This was down 5 percent from last year's 370 million bushels. The Minnesota soybean crop yielded 48.0 bushels per acre in 2023. The harvested acreage of 7.28 million was down 110,000 acres from 2022. Soybean planted acreage, at 7.35 million, was down 100,000 acres from 2022.

**All hay** production for the state was estimated at 2.26 million tons, down 28 percent from the 3.14 million tons produced in 2022. Producers averaged 2.11 tons per acre, down 0.53 ton per acre from 2022. All hay harvested acres were estimated at 1.07 million acres, down 120,000 acres from 2022.

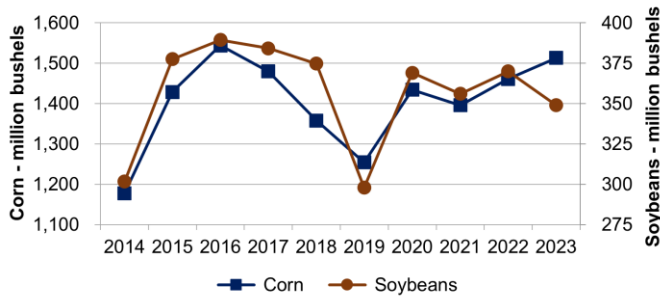
**Alfalfa and alfalfa mixtures for hay** production was estimated at 1.68 million tons, down 15 percent from 2022. Producers averaged 2.55 tons per acre, down 0.55 tons from 2022. Harvested acres were up 20,000 from last year, to 660,000 acres. Minnesota producers seeded 75,000 acres of alfalfa and alfalfa mixtures in 2023, down 44 percent from 2022.

**Other hay** production was estimated at 574 thousand tons, down 50 percent from 2022. Producers averaged 1.40 tons per acre, down 0.70 ton from the 2022 yield. Harvested acres of other hay, at 410,000, were down 140,000 acres from 2022.

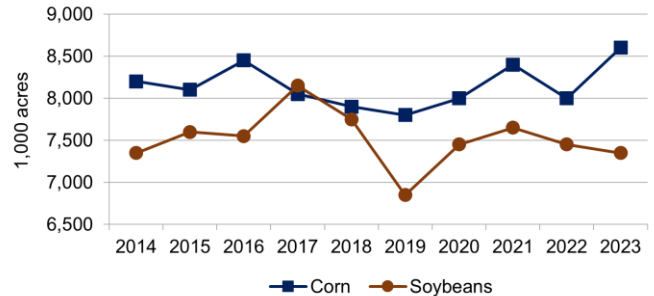
**Sugarbeet** production was estimated at 12.6 million tons, up 13 percent from 2022. Producers averaged 28.7 tons per acre, up 3.0 tons from 2022. Producers harvested 438,000 acres, up 7,000 acres from 2022.

**Oil sunflower** production was estimated at 110 million pounds, down 28 percent from 2022. Producers averaged 2,300 pounds per acre, down 3 percent from 2022. Oil sunflower harvested area was 48,000 acres. **Non-oil sunflower** production was estimated at 21.6 million pounds, up 23 percent from 2022. Yield was estimated at 2,400 pounds per acre, up 9 percent from 2022. Area harvested for non-oil sunflowers was 9,000 acres.

**Corn and Soybean Production  
Minnesota: 2014-2023**



**Corn and Soybean Planted Acres  
Minnesota: 2014-2023**



## Crop Production Summary - Minnesota and United States: 2022-2023

| Crop                                | Area planted  |               | Area harvested |               | Yield per acre |       | Production |            |
|-------------------------------------|---------------|---------------|----------------|---------------|----------------|-------|------------|------------|
|                                     | 2022          | 2023          | 2022           | 2023          | 2022           | 2023  | 2022       | 2023       |
|                                     | (1,000 acres) | (1,000 acres) | (1,000 acres)  | (1,000 acres) |                |       | (1,000)    | (1,000)    |
| <b>MINNESOTA</b>                    |               |               |                |               |                |       |            |            |
| Barley .....                        | 65            | 60            | 55             | 54            | 72.0           | 74.0  | 3,960      | 3,996      |
| Canola .....                        | 70.0          | 80.0          | 69.0           | 79.0          | 2,410          | 2,470 | 166,290    | 195,130    |
| Corn for grain <sup>1</sup> .....   | 8,000         | 8,600         | 7,490          | 8,180         | 195.0          | 185.0 | 1,460,550  | 1,513,300  |
| Corn for silage .....               | (NA)          | (NA)          | 450            | 350           | 21.5           | 18.5  | 9,675      | 6,475      |
| Dry edible beans <sup>2</sup> ..... | 215.0         | 210.0         | 212.0          | 207.0         | 2,320          | 2,430 | 4,926      | 5,030      |
| Hay, all .....                      | (NA)          | (NA)          | 1,190          | 1,070         | 2.64           | 2.11  | 3,139      | 2,257      |
| Hay, alfalfa .....                  | (NA)          | (NA)          | 640            | 660           | 3.10           | 2.55  | 1,984      | 1,683      |
| Hay, other .....                    | (NA)          | (NA)          | 550            | 410           | 2.10           | 1.40  | 1,155      | 574        |
| Oats .....                          | 200           | 165           | 140            | 87            | 61.0           | 77.0  | 8,540      | 6,699      |
| Potatoes .....                      | 47.0          | 46.0          | 46.7           | 45.6          | 410            | 400   | 19,147     | 18,240     |
| Soybeans .....                      | 7,450         | 7,350         | 7,390          | 7,280         | 50.0           | 48.0  | 369,500    | 349,440    |
| Sugarbeets .....                    | 434           | 442           | 431            | 438           | 25.7           | 28.7  | 11,077     | 12,571     |
| Sunflowers, oil .....               | 67            | 49            | 65             | 48            | 2,370          | 2,300 | 154,050    | 110,400    |
| Sunflowers, non-oil .....           | 8.5           | 9.5           | 8.0            | 9.0           | 2,200          | 2,400 | 17,600     | 21,600     |
| Wheat, spring .....                 | 1,250         | 1,300         | 1,210          | 1,260         | 61.0           | 62.0  | 73,810     | 78,120     |
| <b>UNITED STATES</b>                |               |               |                |               |                |       |            |            |
| Barley .....                        | 2,927         | 3,101         | 2,425          | 2,555         | 71.7           | 72.4  | 173,920    | 185,036    |
| Canola .....                        | 2,206.0       | 2,344.5       | 2,163.7        | 2,319.2       | 1,763          | 1,793 | 3,814,823  | 4,157,420  |
| Corn for grain <sup>1</sup> .....   | 88,162        | 94,641        | 78,705         | 86,513        | 173.4          | 177.3 | 13,650,531 | 15,341,595 |
| Corn for silage .....               | (NA)          | (NA)          | 6,851          | 6,471         | 18.7           | 20.1  | 128,287    | 129,994    |
| Dry edible beans <sup>2</sup> ..... | 1,241.0       | 1,180.0       | 1,219.2        | 1,156.9       | 2,111          | 2,067 | 25,734     | 23,910     |
| Hay, all .....                      | (NA)          | (NA)          | 48,711         | 52,821        | 2.29           | 2.25  | 111,738    | 118,769    |
| Hay, alfalfa .....                  | (NA)          | (NA)          | 15,153         | 15,634        | 3.22           | 3.19  | 48,838     | 49,916     |
| Hay, other .....                    | (NA)          | (NA)          | 33,558         | 37,187        | 1.87           | 1.85  | 62,900     | 68,853     |
| Oats .....                          | 2,582         | 2,555         | 880            | 831           | 65.5           | 68.6  | 57,669     | 57,045     |
| Potatoes .....                      | 923.0         | 965.0         | 918.2          | 960.2         | 438            | 459   | 402,054    | 440,750    |
| Soybeans .....                      | 87,450        | 83,600        | 86,174         | 82,356        | 49.6           | 50.6  | 4,270,381  | 4,164,677  |
| Sugarbeets .....                    | 1,159.6       | 1,137.4       | 1,137.5        | 1,127.3       | 28.7           | 31.2  | 32,644     | 35,226     |
| Sunflowers, oil .....               | 1,544.0       | 1,161.0       | 1,471.0        | 1,125.5       | 1,745          | 1,747 | 2,566,400  | 1,966,715  |
| Sunflowers, non-oil .....           | 143.5         | 154.0         | 128.5          | 142.0         | 1,884          | 2,090 | 242,155    | 296,805    |
| Wheat, spring .....                 | 10,855        | 11,200        | 10,450         | 10,985        | 46.2           | 46.0  | 482,670    | 504,900    |

(NA) Not available.

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

<sup>2</sup> Yield in pounds, production in hundredweight.

### U.S. Corn Supply and Use <sup>1</sup>

| CORN                         | 2021-2022         | 2022-2023 (Est.)  | 2023-2024 Projections January |
|------------------------------|-------------------|-------------------|-------------------------------|
|                              | (million bushels) | (million bushels) | (million bushels)             |
| Beginning stocks .....       | 1,235             | 1,377             | 1,360                         |
| Production .....             | 15,018            | 13,651            | 15,342                        |
| Imports .....                | 24                | 39                | 25                            |
| Supply, total .....          | 16,277            | 15,066            | 16,727                        |
| Feed & residual .....        | 5,671             | 5,486             | 5,675                         |
| Food, seed & industrial ..   | 6,757             | 6,559             | 6,790                         |
| Ethanol & by-products ...    | 5,320             | 5,176             | 5,375                         |
| Domestic, total .....        | 12,427            | 12,045            | 12,465                        |
| Exports .....                | 2,472             | 1,661             | 2,100                         |
| Use, total .....             | 14,900            | 13,706            | 14,565                        |
| Ending stocks .....          | 1,377             | 1,360             | 2,162                         |
| Avg. farm price (\$/bu) .... | 6.00              | 6.54              | 4.80                          |

<sup>1</sup> Source: USDA OCE World Agricultural Supply and Demand Estimates Report <http://www.usda.gov/oce/commodity/wasde/index.htm>

### U.S. Soybean Supply and Use <sup>1</sup>

| SOYBEANS                    | 2021-2022         | 2022-2023 (Est.)  | 2023-2024 Projections January |
|-----------------------------|-------------------|-------------------|-------------------------------|
|                             | (million bushels) | (million bushels) | (million bushels)             |
| Beginning stocks .....      | 257               | 274               | 264                           |
| Production .....            | 4,464             | 4,270             | 4,165                         |
| Imports .....               | 16                | 25                | 30                            |
| Supply, total .....         | 4,737             | 4,569             | 4,459                         |
| Crushings .....             | 2,204             | 2,212             | 2,300                         |
| Exports .....               | 2,152             | 1,992             | 1,755                         |
| Seed .....                  | 102               | 97                | 101                           |
| Residual .....              | 5                 | 4                 | 23                            |
| Use, total .....            | 4,463             | 4,305             | 4,179                         |
| Ending stocks .....         | 274               | 264               | 280                           |
| Avg. farm price (\$/bu) ... | 13.30             | 14.20             | 12.75                         |

<sup>1</sup> Source: USDA OCE World Agricultural Supply and Demand Estimates Report <http://www.usda.gov/oce/commodity/wasde/index.htm>

## United States Crop Production

Corn for grain production in 2023 was estimated at a record high 15.3 billion bushels, up 12 percent from the 2022 estimate. The average yield in the United States was estimated at a record high 177.3 bushels per acre, 3.9 bushels above the 2022 yield of 173.4 bushels per acre. Area harvested for grain was estimated at 86.5 million acres, up 10 percent from the 2022 estimate.

Soybean production in 2023 totaled 4.16 billion bushels, down 2 percent from 2022. The average yield per acre was estimated at 50.6 bushels, up 1.0 bushel from 2022. Harvested area, at 82.4 million acres, was down 4 percent from last year.

The complete report can be found on the USDA NASS website at [www.nass.usda.gov/Publications](http://www.nass.usda.gov/Publications).