



# Agriculture Across Michigan

## Biotechnology Varieties

The use of biotechnology varieties for corn decreased in Michigan in 2015. Biotechnology varieties accounted for 92 percent of the corn acres planted in Michigan, down from 93 percent last year. Soybean plantings included 94 percent biotechnology varieties, up 3 percent from last year.

Nationally, biotechnology varieties of corn totaled 92 percent of the acres planted, down 1 percent from 2014. Soybean acreage planted to biotech varieties was unchanged at 94 percent.

The data are based on responses from the June Agricultural Survey. Farmers were asked if they planted corn or soybeans that, through biotechnology, are resistant to herbicides, insects, or both. Conventionally bred herbicide resistant varieties are excluded. Insect resistant varieties include only those containing *bacillus thuringiensis* (Bt). The Bt varieties include those that contain more than one gene that can resist different types of insects. Stacked gene varieties include only those containing biotech traits for both herbicide and insect resistance.

## June 1 Grain Stocks

On June 1, 2015, Michigan corn stocks totaled 88.6 million bushels, 8 percent lower than a year earlier. About 51 percent of the corn was stored on farms. The third quarter disappearance was 85.3 million bushels, compared with 89.6 million bushels a year earlier. Soybean stocks on June 1, 2015, were 17.0 million bushels. That was 136 percent higher than stocks a year earlier. The third quarter indicated disappearance was 16.4 million bushels, compared with 10.3 million bushels during the same period in 2014. Farm stocks of soybeans were 5.0 million bushels. Wheat stocks on June 1, 2015, were 12.9 million bushels, 16 percent below a year ago. Approximately 96 percent of wheat stocks were in commercial storage. Fourth quarter indicated disappearance was 7.9 million bushels, 15.4 percent of supply.

## May Agricultural Prices

Prices received by Michigan farmers for the full month of May 2015 are listed in the table below. Some Michigan highlights were: May corn, at \$3.59 per bushel, decreased \$0.19 from April and decreased \$1.05 from last year; May soybeans, at \$9.61 per bushel,

decreased \$0.39 from last month and decreased \$5.29 from last year; May wheat, at \$5.89 per bushel, decreased \$0.29 from April and decreased \$1.04 from last year; May milk, at \$16.00 per cwt., decreased \$0.20 from last month and decreased \$8.50 from last year.

### Prices Received by Farmers<sup>1</sup>, May 2015

| Commodity               | Michigan    |          |          | United States |          |          |        |
|-------------------------|-------------|----------|----------|---------------|----------|----------|--------|
|                         | May 2014    | Apr 2015 | May 2015 | May 2014      | Apr 2015 | May 2015 |        |
| Beans, dry edible ..... | dollars/cwt | 53.20    | 39.80    | 38.90         | 38.10    | 32.20    | 35.70  |
| Corn .....              | dollars/bu  | 4.64     | 3.78     | 3.59          | 4.71     | 3.75     | 3.62   |
| Hay, alfalfa .....      | dollars/ton | 170.00   | 175.00   | 165.00        | 225.00   | 184.00   | 192.00 |
| Hay, other .....        | dollars/ton | 130.00   | 130.00   | 140.00        | 151.00   | 142.00   | 134.00 |
| Oats .....              | dollars/bu  | 3.45     | 3.28     | (D)           | 3.98     | 2.82     | 2.90   |
| Potatoes .....          | dollars/cwt | 13.20    | (D)      | 13.70         | 9.53     | 9.82     | 9.40   |
| Soybeans .....          | dollars/bu  | 14.90    | 10.00    | 9.61          | 14.40    | 9.70     | 9.60   |
| Wheat, winter .....     | dollars/bu  | 6.93     | 6.18     | 5.89          | 7.26     | 5.50     | 5.19   |
| Milk, all .....         | dollars/cwt | 24.50    | 16.20    | 16.00         | 24.20    | 16.50    | 16.70  |

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

<sup>1</sup> Entire month weighted average price.

## Chickens and Eggs

All layers in Michigan totaled 12.8 million during May, down 2 percent from a year ago. Egg production totaled 324 million eggs, virtually unchanged from last year. The rate of lay during May was 2,535 eggs per 100 layers. On June 1, in the East North Central Region, which includes Michigan, Illinois, Indiana, Ohio, and

Wisconsin, there were 9.6 million egg-type eggs in incubators, up 2 percent from a year earlier. In the same region, there were 14.6 million broiler-type eggs in incubators, up 2 percent from the previous year. There were 22.3 million turkey poults hatched in the U.S. in May, down 8 percent from the previous year.

### Egg and Hatchery Production, May 2015

| Item                             | Unit | 2014    | 2015    | Percent Change |
|----------------------------------|------|---------|---------|----------------|
| <b>Michigan</b>                  |      |         |         |                |
| All layers                       | Thou | 12,991  | 12,780  | -2             |
| Eggs per hundred layers          | Num  | 2,486   | 2,535   | 2              |
| Eggs produced                    | Mil  | 323     | 324     | 0              |
| <b>East North Central Region</b> |      |         |         |                |
| Eggs in incubators, Jun 1        |      |         |         |                |
| Egg-type                         | Thou | 9,396   | 9,550   | 2              |
| Broiler type                     | Thou | 14,345  | 14,637  | 2              |
| <b>U.S.</b>                      |      |         |         |                |
| All Layers                       | Thou | 360,383 | 341,874 | -5             |
| Eggs per hundred layers          | Num  | 2,339   | 2,339   | 0              |
| Eggs produced                    | Mil  | 8,428   | 7,997   | -5             |
| Turkey Eggs in incubators, Jun 1 | Thou | 28,918  | 27,370  | -5             |
| Turkey Poults hatched, May       | Thou | 24,189  | 22,268  | -8             |

## Acres Summary

Cool spring temperatures and wet fields delayed the start of planting in Michigan by about a week. Conditions improved by early May to where planting of corn and soybeans was ahead of the average progress.

Michigan corn growers planted 2.50 million acres, down 50 thousand acres from last year but up 50 thousand acres from the March Intentions report. Harvested acres of corn for grain were set at 2.13 million acres.

Michigan soybean growers planted 2.10 million acres, down 50 thousand acres from last year. Growers expect to harvest 2.09 million acres of soybeans in 2015.

Winter wheat growers planted 530,000 acres in Michigan, down 7 percent from 2014. Harvested acres of winter wheat for grain are anticipated to be 500,000 acres, up 15 thousand acres from a year ago.

### Acres by Crop, Michigan and United States: 2013-2015

| Commodity                   | Michigan |       |       | United States |         |         |
|-----------------------------|----------|-------|-------|---------------|---------|---------|
|                             | 2013     | 2014  | 2015  | 2013          | 2014    | 2015    |
| Barley                      |          |       |       |               |         |         |
| Planted ..... 1,000 acres   | 10       | 8     | 12    | 3,528         | 2,975   | 3,413   |
| Harvested ..... 1,000 acres | 9        | 7     | 10    | 3,040         | 2,443   | 2,919   |
| Beans, dry                  |          |       |       |               |         |         |
| Planted ..... 1,000 acres   | 175.0    | 250.0 | 250.0 | 1,359.7       | 1,718.9 | 1,708.9 |
| Harvested ..... 1,000 acres | 172.0    | 245.3 | 246.0 | 1,316.3       | 1,665.7 | 1,656.8 |
| Corn, all                   |          |       |       |               |         |         |
| Planted ..... 1,000 acres   | 2,600    | 2,550 | 2,500 | 95,365        | 90,597  | 88,897  |
| Corn, grain                 |          |       |       |               |         |         |
| Harvested ..... 1,000 acres | 2,230    | 2,210 | 2,130 | 87,451        | 83,136  | 81,101  |
| Hay, alfalfa                |          |       |       |               |         |         |
| Harvested ..... 1,000 acres | 610      | 640   | 700   | 17,673        | 18,445  | 18,337  |
| Hay, other                  |          |       |       |               |         |         |
| Harvested ..... 1,000 acres | 330      | 340   | 350   | 40,224        | 38,647  | 38,202  |
| Oats                        |          |       |       |               |         |         |
| Planted ..... 1,000 acres   | 50       | 50    | 65    | 2,980         | 2,723   | 3,064   |
| Harvested ..... 1,000 acres | 30       | 40    | 45    | 1,009         | 1,029   | 1,220   |
| Soybeans                    |          |       |       |               |         |         |
| Planted ..... 1,000 acres   | 1,930    | 2,150 | 2,100 | 76,840        | 83,701  | 85,139  |
| Harvested ..... 1,000 acres | 1,920    | 2,140 | 2,090 | 76,253        | 83,061  | 84,449  |
| Sugarbeets                  |          |       |       |               |         |         |
| Planted ..... 1,000 acres   | 154      | 151   | 154   | 1,198         | 1,163.4 | 1,164.4 |
| Harvested ..... 1,000 acres | 153      | 150   | 153   | 1,154         | 1,147   | 1,140   |
| Wheat, winter               |          |       |       |               |         |         |
| Planted ..... 1,000 acres   | 620      | 570   | 530   | 43,230        | 42,399  | 40,620  |
| Harvested ..... 1,000 acres | 590      | 485   | 500   | 32,650        | 32,304  | 33,329  |

## 2015 Michigan Cherry Production Forecast

Michigan tart cherry production is forecast at 134 million pounds, 34 percent less than the 2014 crop. While optimism was high for the crop in early spring, a hard freeze in late May damaged much of the crop. The northern and central parts of the State lost significant amounts of tart cherries, while yield potential still looks good in the southwest.

Michigan sweet cherry production is forecast at 15,900 tons. This would be a 47 percent decrease from 2014, as sweet cherries were similarly damaged by the freeze in May.

## July 1 Small Grains Forecast

Michigan's 2015 winter wheat production is forecast at 38.0 million bushels. This report is based on current conditions, as of July 1, 2015. Some highlights of the Crop Production Report are as follows:

The Michigan winter wheat yield is forecast at 76 bushels per acre, up two bushels from the previous year. Winter wheat progressed ahead of last year, with 26 percent mature by June 28, compared to the 6 percent last year. Condition was 65 percent good to excellent at the end of June. There have been reports of scab and rust in wheat.

Oat yield in Michigan is forecast at 68 bushels per acre, which would be a 1 bushel decrease from last year. Oat planting finished ahead of the 5 year average in late May, but the crop is now behind both last year and the 5 year average. By June 28, 71 percent was headed, compared to 81 percent last year and the 5 year average of 74 percent.

## June Hogs and Pigs

Michigan's total hog and pig inventory on June 1 was estimated at 1.1 million head, up 110,000 head from a year ago. Breeding hog inventory, at 110,000 head, was unchanged from last June. Market hog inventory, at 990,000 head, was up 13 percent from last year. The average pigs saved per litter for the March to May quarter at 10.70 was up 1.80 pigs from last year.

United States inventory of all hogs and pigs on June 1, 2015 was 66.9 million head. This was up 9 percent from June 1, 2014, and up slightly from March 1, 2015. Breeding inventory, at 5.93 million head, was up 1 percent from last year, but down 1 percent from the previous quarter. Market hog inventory, at 61.0 million head, was up 9 percent from last year, and up 1 percent from last quarter.

### Hog inventory and farrowings: Michigan and United States, June 1, 2015

| Hogs and pigs                        | Michigan     |              |           | U.S.         |              |           |
|--------------------------------------|--------------|--------------|-----------|--------------|--------------|-----------|
|                                      | 2014         | 2015         | Change    | 2014         | 2015         | Change    |
|                                      | (1,000 head) | (1,000 head) | (Percent) | (1,000 head) | (1,000 head) | (Percent) |
| Breeding                             | 110          | 110          | 0         | 5,855        | 5,926        | 1         |
| Market                               | 880          | 990          | 13        | 55,713       | 60,975       | 9         |
| Under 50 pounds                      | 270          | 275          | 2         | 18,254       | 19,455       | 7         |
| 50-119 pounds                        | 210          | 255          | 21        | 15,801       | 17,181       | 9         |
| 120-179 pounds                       | 200          | 230          | 15        | 11,491       | 12,810       | 11        |
| 180+ pounds                          | 200          | 230          | 15        | 10,166       | 11,529       | 13        |
| Total                                | 990          | 1,100        | 11        | 61,568       | 66,900       | 9         |
| Sows farrowed, Mar-May               | 52           | 50           | -4        | 2,810        | 2,850        | 1         |
| Pigs/litter, Mar-May                 | 8.90         | 10.70        | 20        | 9.78         | 10.37        | 6         |
| Pig crop, Mar-May                    | 463          | 535          | 16        | 27,495       | 29,563       | 8         |
| Sows farrowing, Jun-Aug <sup>1</sup> | 51           | 50           | -2        | 2,991        | 2,915        | -3        |
| Sows farrowing, Sep-Nov <sup>1</sup> | 53           | 48           | -9        | 2,994        | 2,865        | -4        |

<sup>1</sup> Current Year Represents Intended Farrowings.

## May Milk Production

Dairy herds in Michigan produced 887 million pounds of milk during May, up 7.6 percent from a year ago. The daily rate per cow was 70.5 pounds, up 1.3 pounds from May 2014. The dairy herd was estimated at 406,000 head for May, up 22,000 head from a year earlier. The average price of milk sold in May by Michigan dairy producers was \$16.00 per cwt., \$8.50 less than the price in May 2014.

## Michigan Dairy Summary, May 2015

| Item                 |          | 2013             | 2014  | 2015  |
|----------------------|----------|------------------|-------|-------|
| Cows                 | 1,000 Hd | ( <sup>2</sup> ) | 384   | 406   |
| Milk per cow         | Lb/day   | ( <sup>2</sup> ) | 69.2  | 70.5  |
| Production           | Mil lbs  | 798              | 824   | 887   |
| Milk price, all      | Dol/cwt  | 20.00            | 24.50 | 16.00 |
| Fat test             | Pct      | 3.61             | 3.63  | 3.60  |
| Protein <sup>1</sup> | Pct      | 3.05             | 3.06  | 3.03  |

<sup>1</sup> FMO 33

<sup>2</sup> Due to sequestration, only total milk production was published.

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### Thank You to our Data Providers

The USDA, NASS, Great Lakes Region and enumerator staff are pleased to provide you and the Michigan agricultural industry with current, reliable information as summarized in the following articles. This service is possible because you and other respondents provided us with timely survey responses. Thank you!