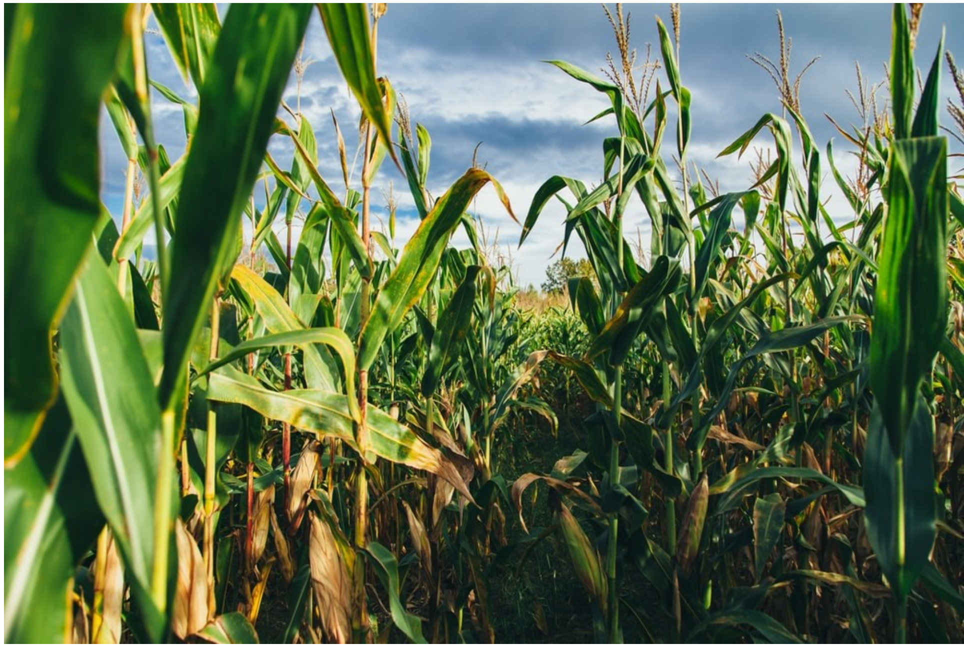
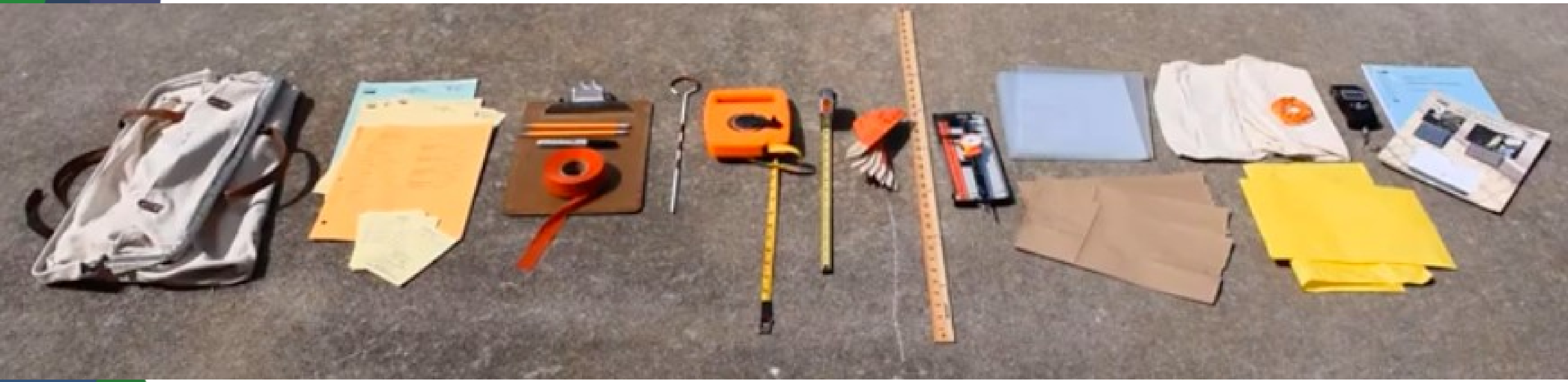
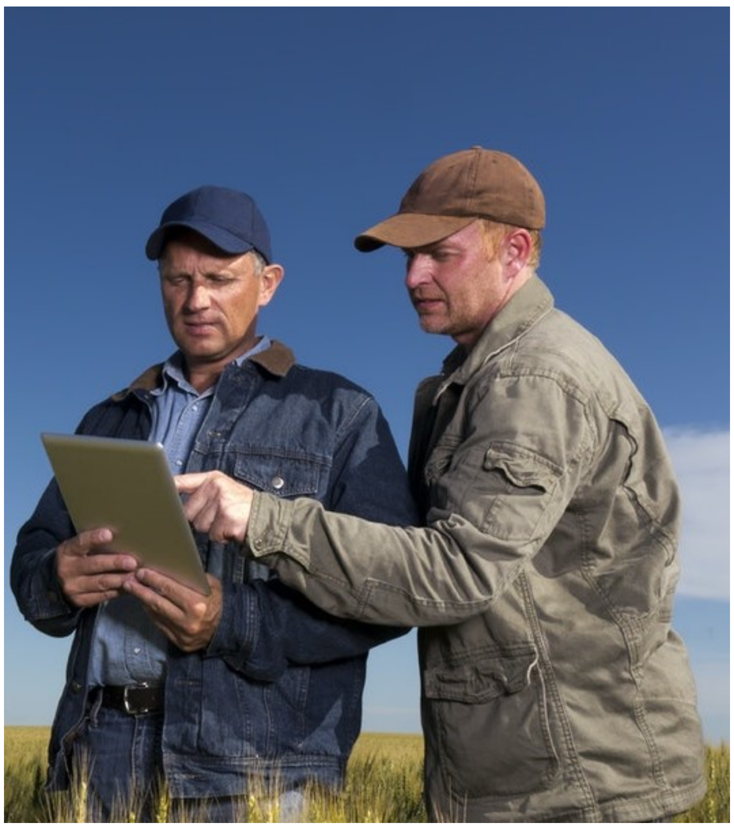
Purpose of Objective Yield Survey

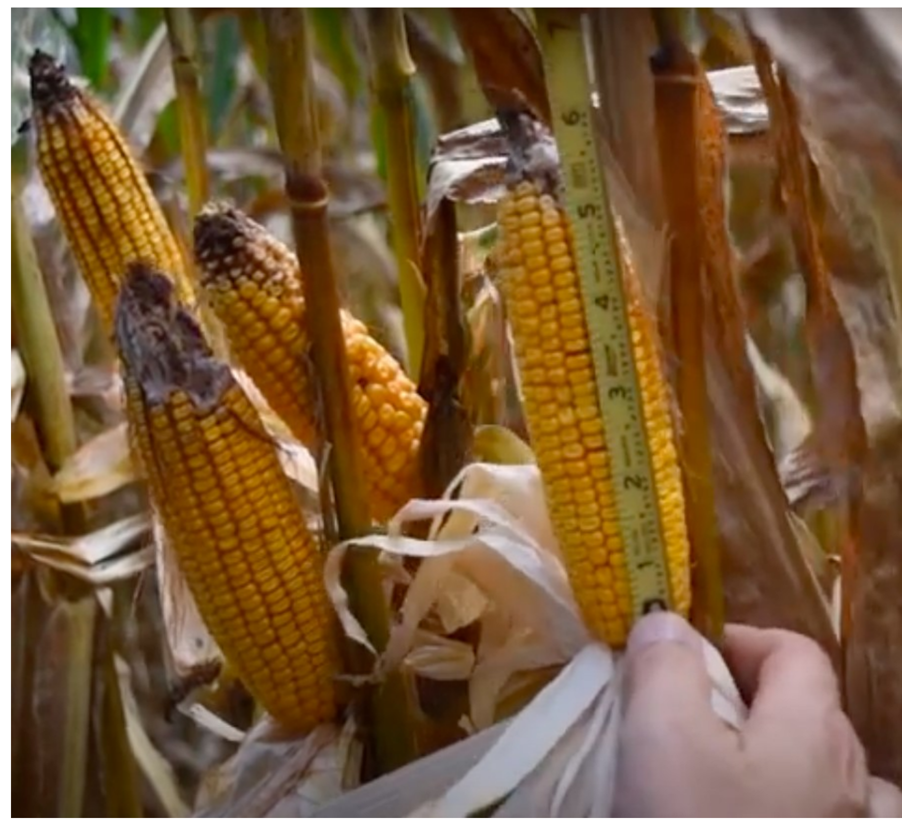




Setting Crop Production Estimates

1. Grower Reported Survey (Subjective)
2. Actual Counts and Measurements (Objective)





Crop Production Forecasts

Survey Results are Published Monthly by USDA

Crop Production

ISSN: 1936-3737

Released October 9, 2020, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

Special Note

Each October, NASS has the opportunity to revise planted and harvested acreage estimates for corn, sorghum, soybeans, sunflower, canola, sugarbeets, and dry edible beans. Revisions are based on all available data, including the latest certified acreage data from the Farm Service Agency (FSA). All States in the estimating program for these crops were subject to review and updating. Detailed estimates are found on pages 6, 9, 11, 14, 17, 22, and 23.

Corn Production Down 1 Percent from September Forecast
Soybean Production Down 1 Percent
Cotton Production Down Less Than 1 Percent
Orange Production Down 11 Percent from Last Season

Corn production for grain is forecast at 14.7 billion bushels, down 1 percent from the previous forecast but up 8 percent from 2019. Based on conditions as of October 1, yields are expected to average a record high 178.4 bushels per harvested acre, down 0.1 bushel from the previous forecast but up 10.9 bushels from last year. Area harvested for grain is forecast at 82.5 million acres, down 1 percent from the previous forecast, but up 1 percent from the previous year. Acreage updates were made in several States based on a thorough review of all available data.

Soybean production for beans is forecast at 4.27 billion bushels, down 1 percent from the previous forecast but up 20 percent from last year. Based on conditions as of October 1, yields are expected to average a record high 51.9 bushels per harvested acre, unchanged from the previous forecast but up 4.5 bushels from 2019. Area harvested for beans in the United States is forecast at 82.3 million acres, down 1 percent from the previous forecast but up 10 percent from 2019. Acreage updates were made in several States based on a thorough review of all available data.

USDA United States Department of Agriculture

World Agricultural Supply and Demand Estimates

ISSN: 1554-9089

Office of the Chief Economist | Agricultural Marketing Service | Farm Service Agency | Economic Research Service | Foreign Agricultural Service

WASDE - 604 | Approved by the World Agricultural Outlook Board | September 11, 2020

WHEAT: The 2020/21 U.S. wheat supply and demand outlook is unchanged this month but there are offsetting by-class changes for wheat exports. The projected season-average farm price remains at $4.50 per bushel.

The 2020/21 global wheat outlook is for larger supplies, increased consumption, greater exports, and higher stocks. Supplies are raised 3.3 million tons to 1,070.3 million, mostly on higher production in Australia and Canada more than offsetting a smaller crop in Argentina. Australia's production is raised 2.5 million tons to 28.5 million, mainly based on the ABARES production forecast issued September 7. Canada's production is increased 2.0 million tons to 36.0 million, primarily on the Statistics Canada forecast issued August 31. This is the second and third-highest wheat production on record for Canada and Australia, respectively. Argentina's production is lowered 1.0 million tons to 19.5 million on continued dry conditions and possible frost damage. On net, global 2020/21 production is raised 4.5 million tons to a record high 770.5 million.

World consumption is increased 0.8 million tons to 750.9 million, primarily on higher feed and residual usage for Australia and Canada. Projected 2020/21 global trade is raised 1.5 million tons to 189.4 million on higher exports for Australia and Canada. The largest import change this month is for China, where imports are raised 1.0 million tons to 7.0 million on an early strong pace of U.S. sales and shipments to China and increased exportable supplies from Australia and Canada. If realized, these would be the largest China wheat imports since 1995/96. Projected 2020/21 world ending stocks are increased 2.6 million tons to 319.4 million to a new record, with China and India accounting for 51 and 10 percent of the total, respectively.

Farmers Benefit from This Information

Marketing strategies

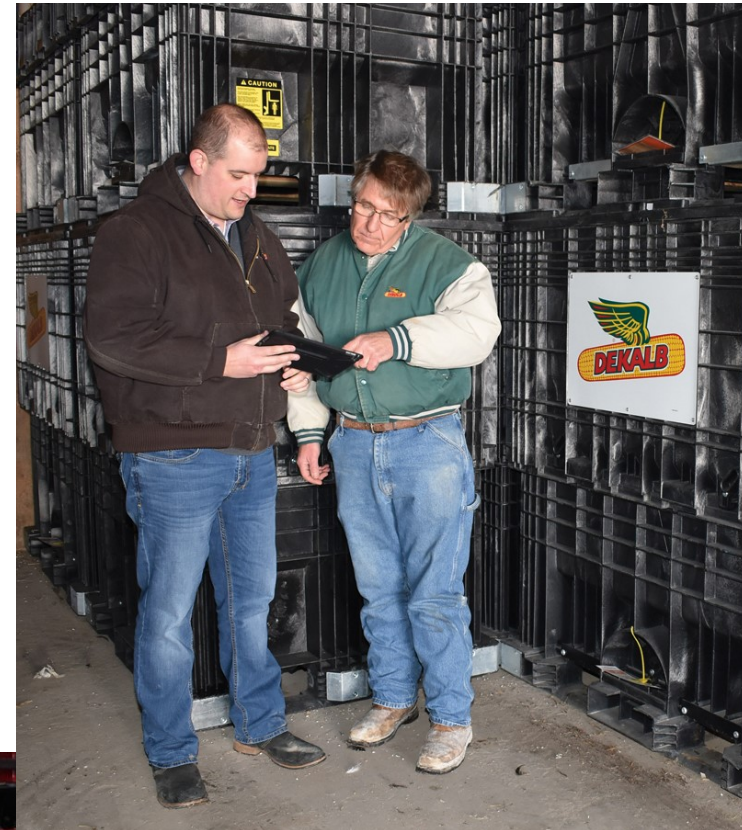
- Forward Contracts?
- Hedge on Futures Markets?
- Sell on Cash Market?

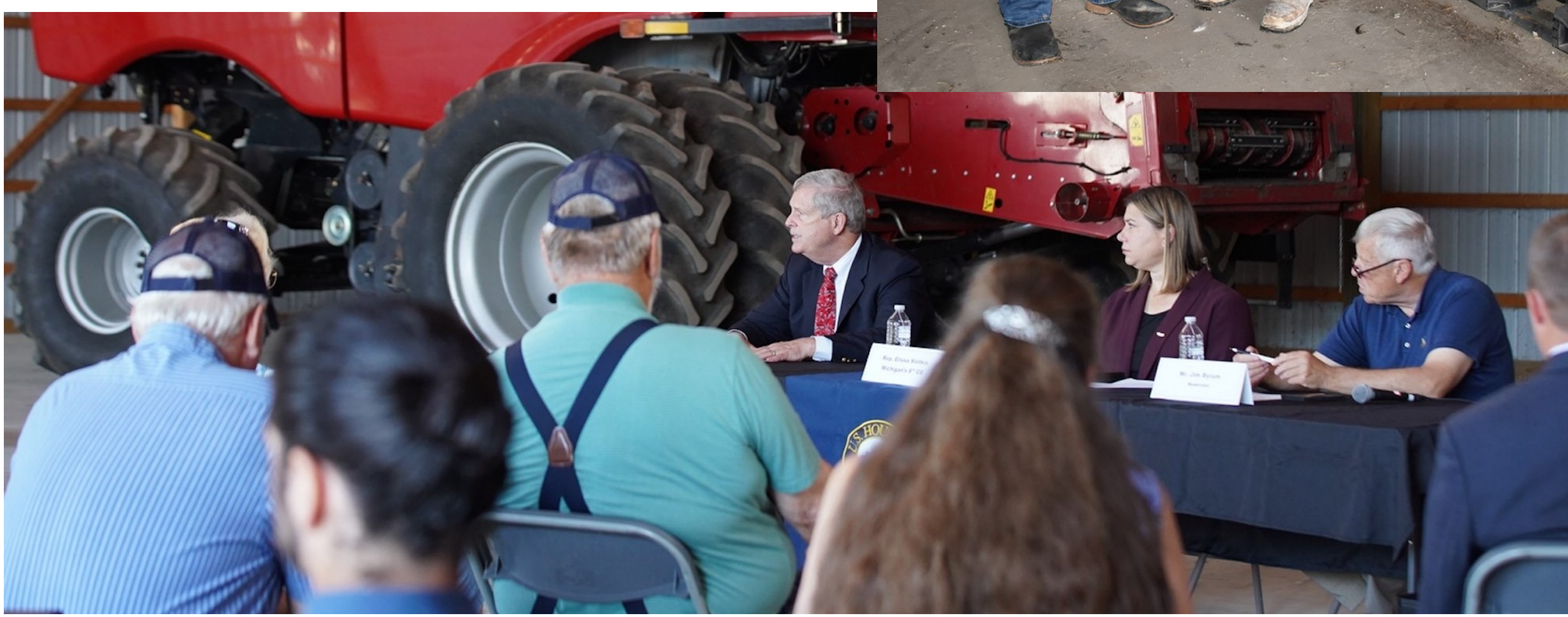
Farm Business Practices

- Evaluate expected prices
- Determine when and how to market their crops.
- On-farm or off-farm storage
- Changing Intended usage

Who Uses the Data?

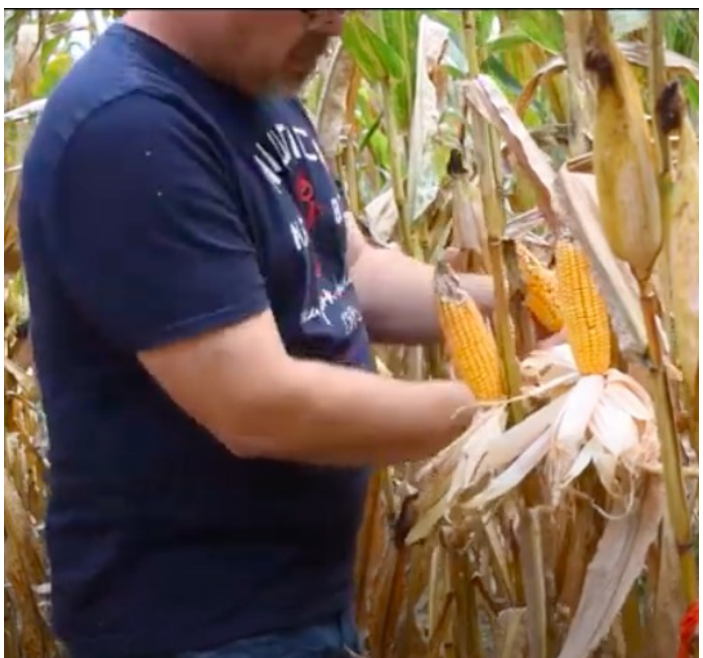
- Agribusinesses
- Legislators
- USDA Agencies
- Other Stakeholders

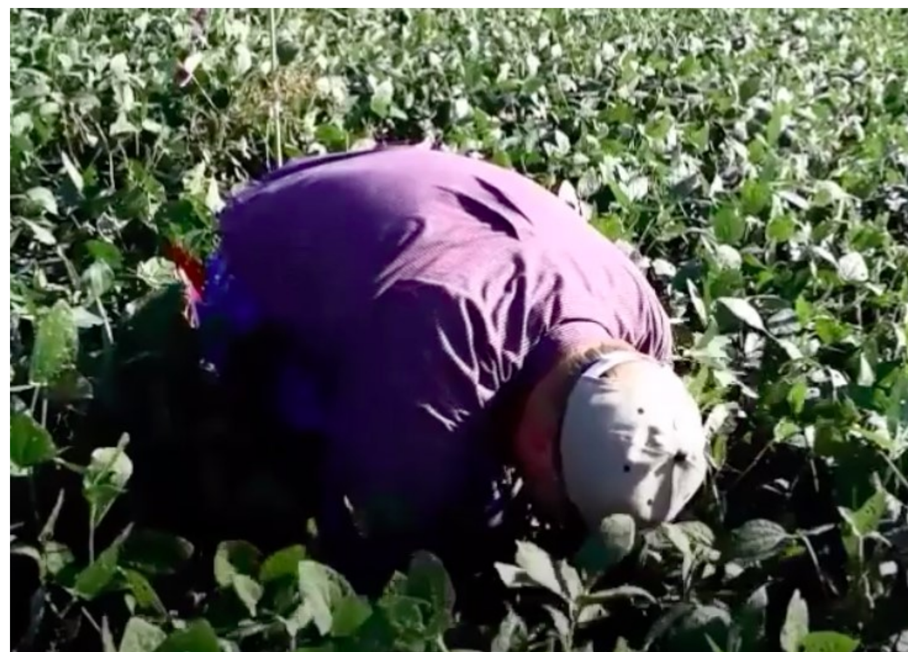




Benefits of Objective Yield Surveys

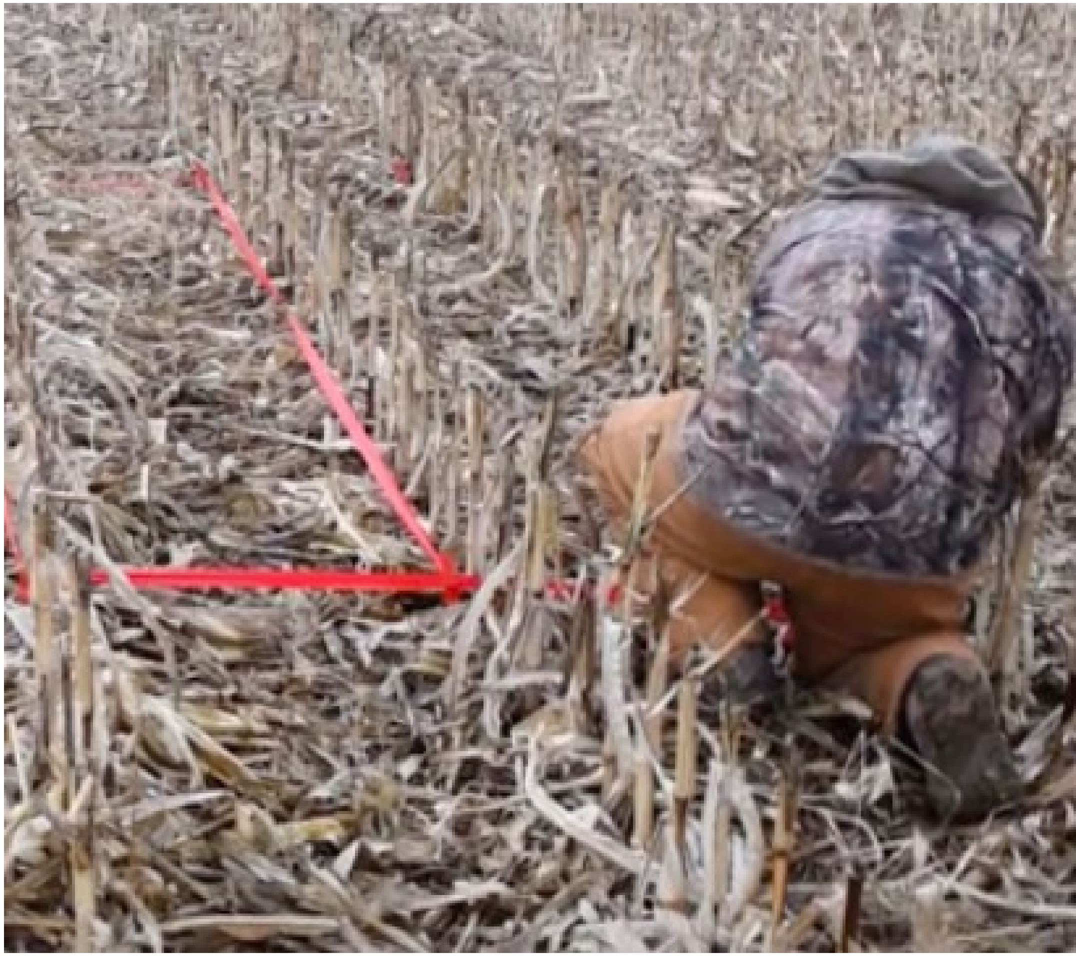
- Scientifically Designed Procedures
- Counts and Measurements after emergence and before maturity
- Accuracy depends upon your efforts





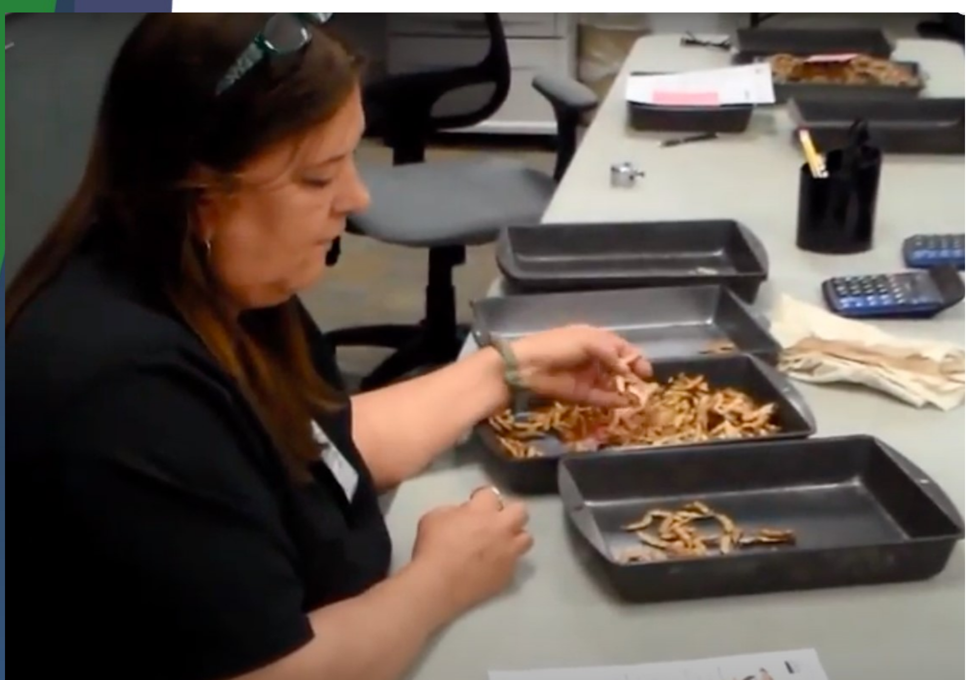
The Objective Yield Survey Provides:

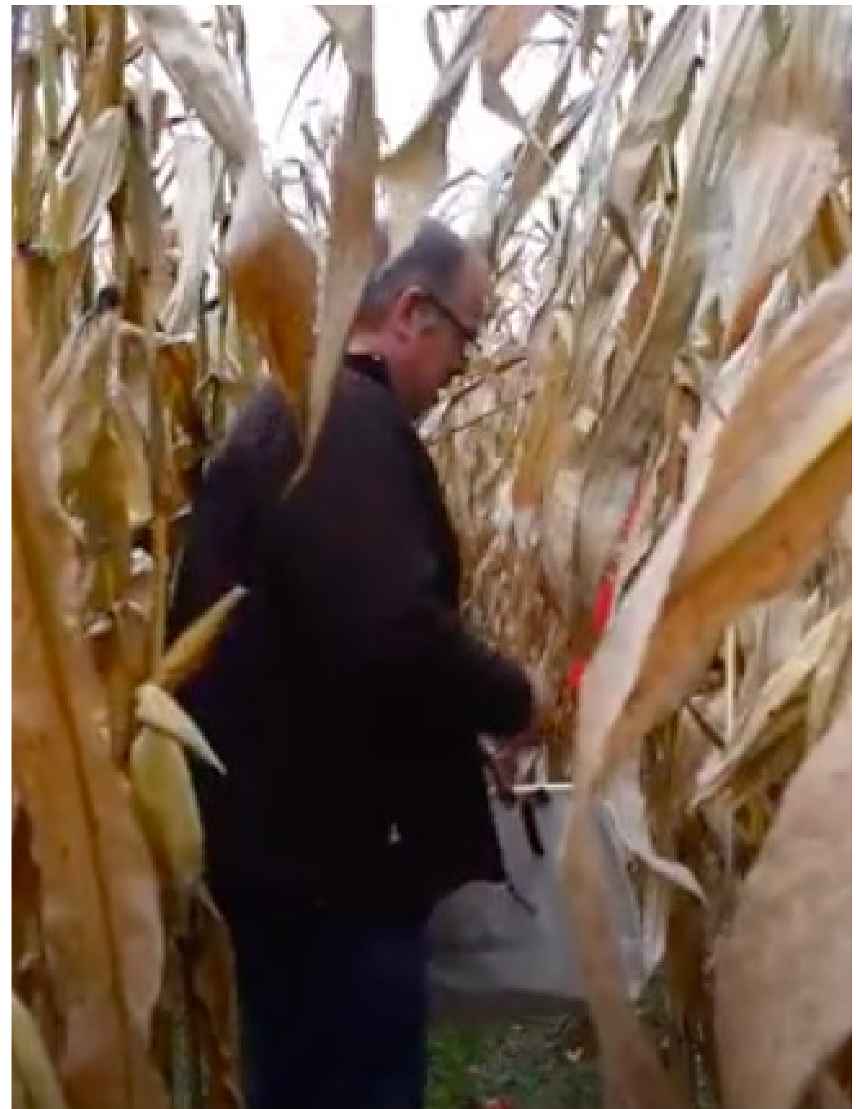
1. Changes in acreage intended for harvest
2. Counts and measurements on the crops
3. Counts and weight of corn/soybeans left in the field



Big Picture: What we do

- Monitor sample fields during the growing season.
- Collect data on plant count, grain count and weight
- Publish results monthly





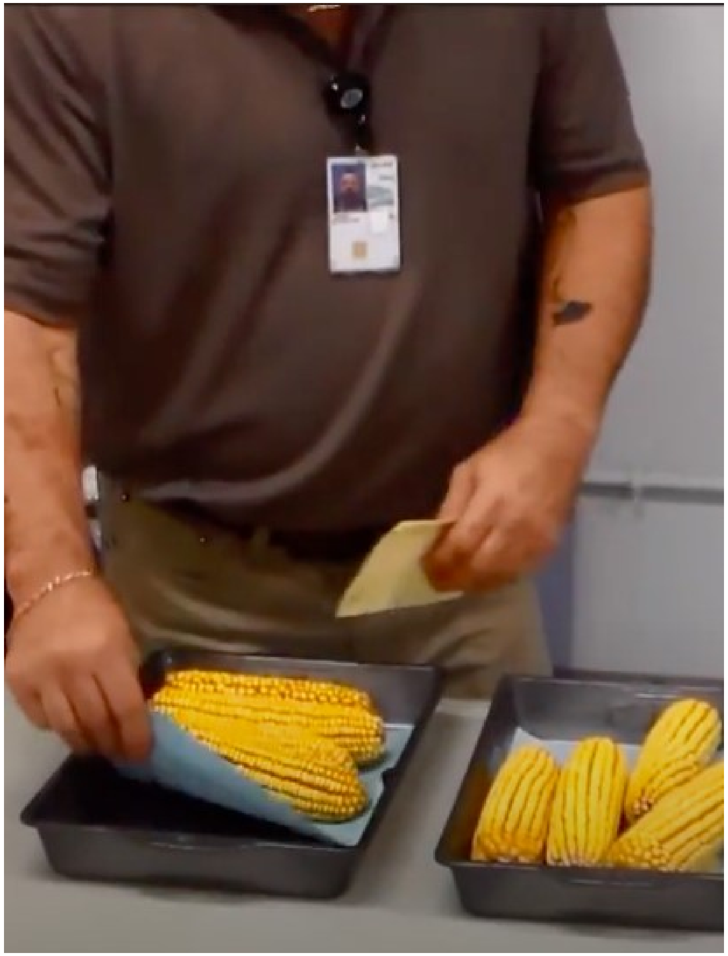
States in the Objective Yield Program

CORN

- Illinois, Indiana, Iowa, Kansas, Minnesota, Missouri, Nebraska, Ohio, South Dakota, and Wisconsin.

SOYBEANS

- Arkansas, Illinois, Indiana, Iowa, Kansas, Minnesota, Missouri, Nebraska, Ohio, North Dakota, and South Dakota



Sample Sizes

U.S.:

- 1,560 Corn Samples
- 1,530 Soybean Samples

Indiana:

- 100 Corn Samples
- 130 Soybean Samples

Ohio:

- 140 Corn Samples
- 150 Soybean Samples