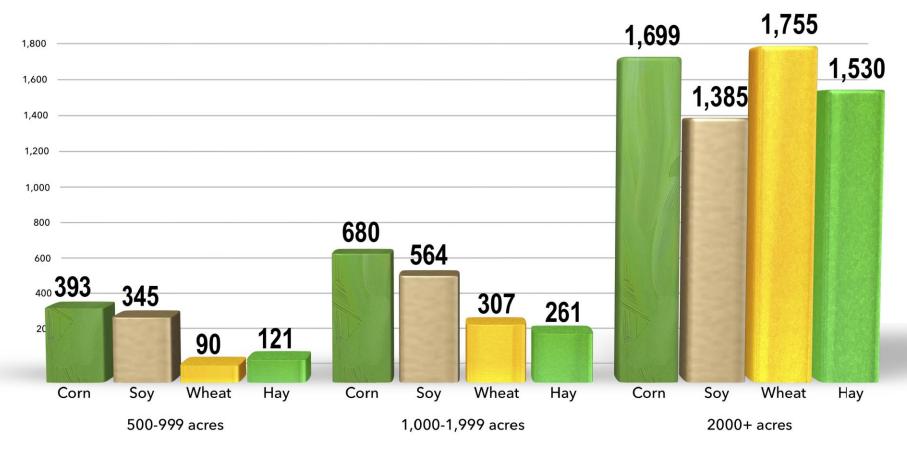


AVERAGE CROP ACRES FOR 2019

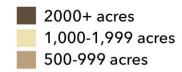
BY FARMER ACRE CATEGORY



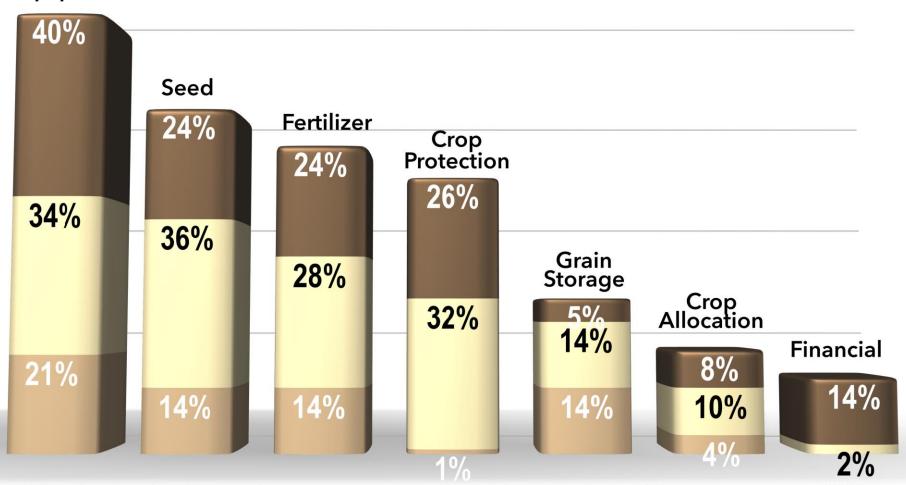
Q: How many acres of the following crops do you intend to grow this year?



2019 TOP CHANGES RANKED



Equipment



Q: In which of the following areas, if any, have you made or will you make changes for the 2019 season, compared to 2018?

With the potential of genetics to make more yield from every acre...

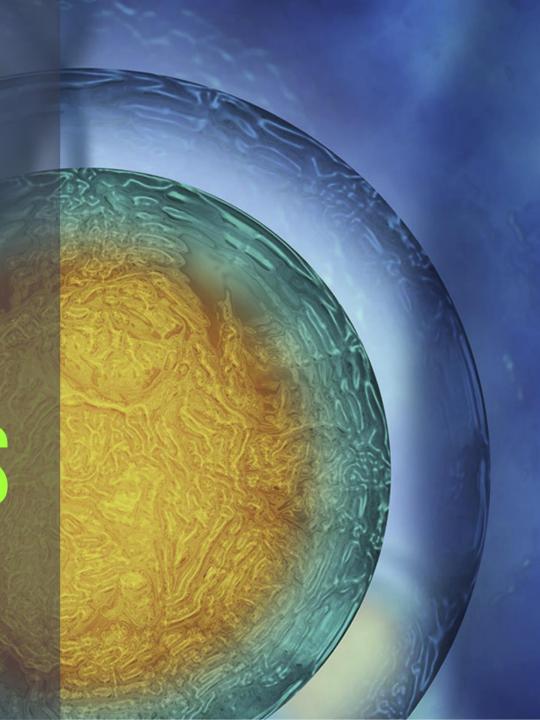
SEED TOPS LIST OF INPUT CHANGES



Farmers use record number of traits in seed to protect yields

1/2 OF ACRES GET FULL TRAITS

Farmer adoption of seed-based technology shows little change given the promise of higher yields and more effective weed control.



Crop protection dominated by the advent of new tools

DICAMBA GETS HIGH MARKS

The second year of field use proves the effectiveness of the system. Farmers rated their satisfaction as 8.1 overall, with an 8.8 rating for 2000+ acre farmers.



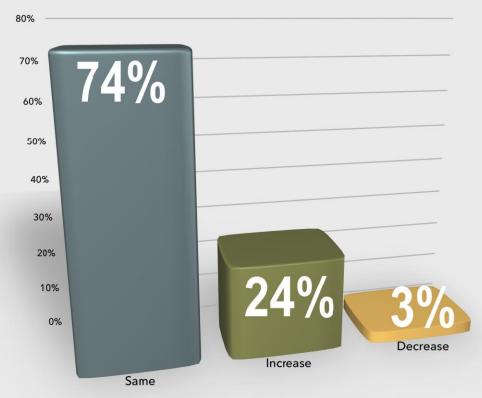
Dicamba soybean technology is on the rise

INCREASED USE IN 2019 EXPECTED

- Yield increases reported by 49% of dicamba users
- Average yield increase was 10%
- Among 2000+ acre growers the yield increase was 12%

With the positive impact on weed control and the yield results of 10-12% improvement, it is no surprise that dicamba-traits in soybeans and dicamba herbicides dominate the conversations about weed control today. It is a vital system to combat resistant weed populations in key soybean production areas and farmers intend to expand its use in 2019.

2019 PLANS FOR PLANTING DICAMBA-TRAIT SOYBEANS



Prices are only going up so farmers continue to pursue...

MANAGING NUTRIENTS BETTER

This major input has opportunities for improved efficiency and our research show multiple approaches are being used to maximize the investment and minimize losses into the environment.



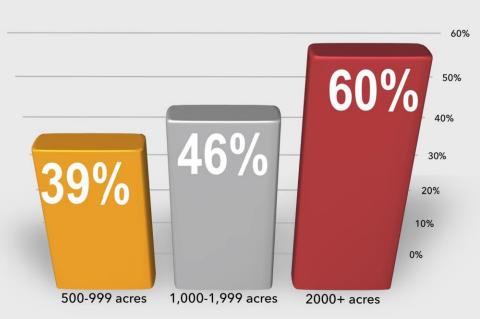
As acres increase so does the likelihood a farmer in our survey is making

CHANGES FOR FERTILIZER EFFICIENCY

 A wide range of changes are included in what farmers will do differently on their farms in 2019

MANAGING FERTILITY IS A KEY COMPONENT FOR YIELD AND REMAINS A FOCUS FOR FARMERS

70%



% of Farmers Changing Fertilizer Practices

Q: When thinking about fertilizer application and efficiency, what do you expect to be your approach?

