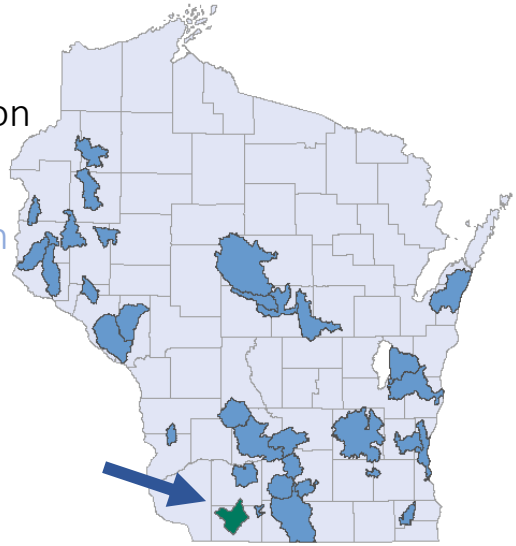
Producer- Led Watershed Protection Grants Program

2020 Conservation Outcomes:

Lafayette Ag Stewardship Alliance



Phosphorus Savings
75,700 lbs*

An estimated **75,700 lbs of P** may have been prevented from leaving farm fields due to LASA farmers planting **7,389 acres of cover crops,** using **strip till planting on 12,461 acres** and **low-disturbance manure application on 9,045 acres.**

For reference, 1 pound of phosphorus that reaches a waterbody can feed 500 pounds of algae; ***excessive algae impairs water quality!***

Sediment Savings
12,125 tons*

These same acres of **cover crops and reduced tillage** practices may have **reduced an estimated 12,125 tons of soil erosion** on LASA fields.

A soil loss of 100 tons is about 10 standard dump truck loads of soil; the ***nutrients in topsoil are most valuable when kept in farm fields and out of waterways!***

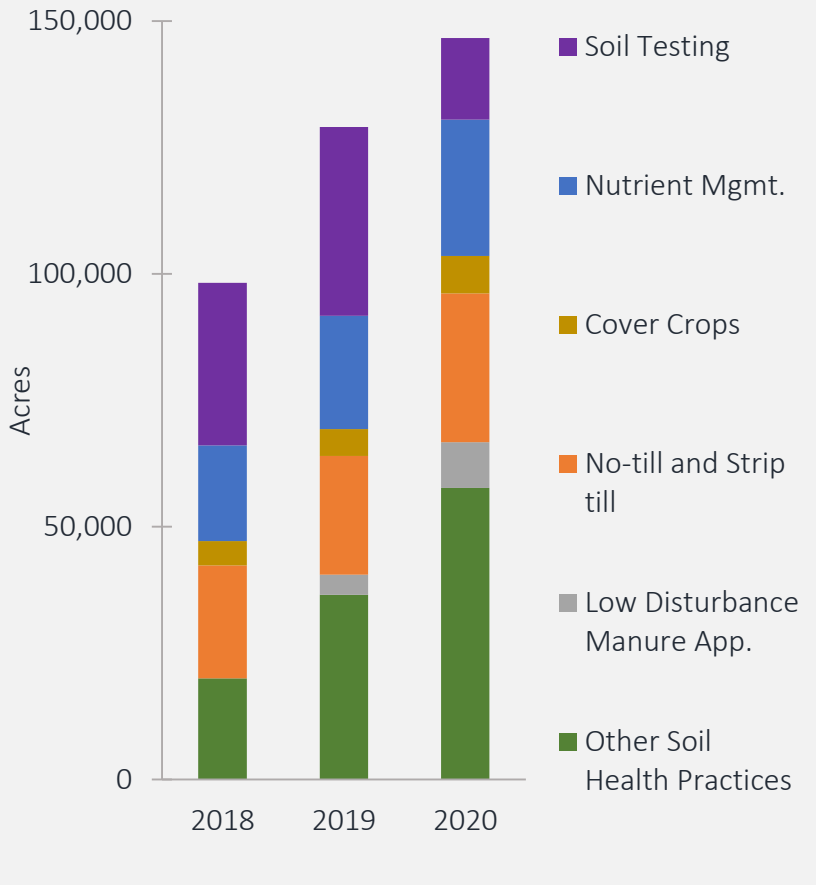
Conservation Practices
+ 49%

There was a **49% increase** in reported conservation practices implemented by farmers in LASA in 2020 compared to 2018.

2018: 98,266 ac
2019: 129,055 ac
2020: 146,685 ac

Many farmers integrate multiple conservation practices into their systems, ***which can result in even greater soil and water quality outcomes!***

LASA Conservation Practices Over Time



*Soil erosion and phosphorus reductions are estimated using models. They are not measured reductions. Actual reductions may be higher or lower than estimated.

For more information on these figures, contact: Dana Christel, Conservation Specialist 608-640-7270, dana.christel@wi.gov

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