**FY 2016 MAEAP ENVIRONMENTAL OUTCOMES**

Information collected from MAEAP verified farms used to calculate environmental outcomes:

| | **Totals:** |
|---|---|
| Acres included in a nutrient plan or CNMP | **257,808** |
| Acres of buffer/filter strips | **2,046** |
| Acres of cover crops | **42,931** |
| Acres of conservation tillage | **123,343** |
| Acres of no-till, zone till, or grass cover | **66,468** |
| Number of gullies stabilized | **1,109** |
| Feet of livestock exclusion | **46,730** |
| Size of silage pad (acres) | **49** |
| Acres of Pest Management Plans | **193,579** |

This data was then compiled from farms verified in FY 2016, and the following totals were calculated:

Sediment reduced: **381,041** tons

Phosphorus reduced: **651,525** pounds

Nitrogen reduced: **1,498,576** pounds

Biochemical Oxygen Demand BOD (5-day) from silage leachate: **2,893,273** pounds

**To put this information in terms that the general public might better understand:**

Sediment reduced on MAEAP farms could have filled **33,870** dump trucks (10 yards each)

Phosphorus reduced on MAEAP farms could have grown **325,762,500** pounds of algae in surface waters (**162,881 tons of algae**)

Nitrogen reduced on MAEAP farms could have grown **143,092,974** pounds of algae in surface waters (**71,546 tons of algae**)

Nitrogen reduced on MAEAP farms could have contaminated **17,982,912,000** gallons of water above 10 ppm