

# AGRICULTURE in the LAKE CHAMPLAIN BASIN

2017



## currently funded projects

### Vermont Agronomists

in partnership with UVM-Extension, Vermont DEC and the Poultney-Mettowee NRC

Six agronomists continued working one-on-one with farmers to increase implementation of farm conservation practices that reduce soil and phosphorus runoff into Lake Champlain and its tributaries.

**\$1.6 MILLION**

- \$325,000
- Began in 2011

### New York Agronomist

in partnership with New York State DEC

One full-time agronomist works with New York farmers to promote agricultural best management practices to reduce nutrient loading. Activities include 90 acres of cover cropping, public workshops, nutrient management plans and improved animal trails.



- \$155,000
- Began in 2013

### Increasing Agricultural Engineering Capacity for Project Implementation

in partnership with Cornell University

Cornell University will develop and implement technical trainings to increase the engineering capacity within the Lake Champlain basin.

- \$48,400
- Began in 2016

### Agricultural BMP Effectiveness

in partnership with Vermont NRCS and Stone Environmental



Data on the effectiveness of these BMPs will allow us to better focus our resources on those conservation systems that are most effective in addressing runoff and associated nutrient and sediment losses. This data is needed to strategically align conservation planning and financial assistance programs with those practices that provide the greatest benefit in our landscape.

- \$120,000
- Began in 2011

## Multi-Partner Agricultural Conservation Practice Planning and Tracking Geospatial Database

in partnership with Vermont Agency of Agriculture, Food and Markets

A database is being developed to provide consistent agricultural BMP data collection among partners, allow easy access to field staff, and assist in conservation planning.

- \$48,800
- Began in 2012

## Assessment of Tile Drainage Impacts and Phosphorus Loads in Tile Drainage Water in the Jewett Brook Watershed of St. Albans Bay

in partnership with Stone Environmental

The project team will review published research on nutrient loading impacts of tile drainage systems, monitor tile drainage systems, and estimate phosphorus loading.



- \$200,000
- Began in 2016

## Critical Source Area Conservation Implementation

in partnership with VT Agency of Agriculture, Food and Markets

Targeted conservation practices are being implemented in areas identified as critical source areas of phosphorus.

- \$170,000
- Began in 2012



## Innovative Agricultural Conservation Practices in the St. Albans Bay Watershed

The LCBP released a Request for Proposals in November, 2016 soliciting proposals for innovative solutions to phosphorus loading problems in the St. Albans Bay watershed.

- \$350,000
- Yet to be Awarded

## Effectiveness of Conservation Practices in Reducing Phosphorus Loss from Tile-Drained Agricultural Fields

in partnership with Vermont NRCS

The LCBP released a Request for Proposals in January 2017 for projects to evaluate best conservation management options for tile-drained fields.

- \$240,000
- Yet to be Awarded