

# NMP Update

February 4, 2020

# UVM Extension NMP Assistance

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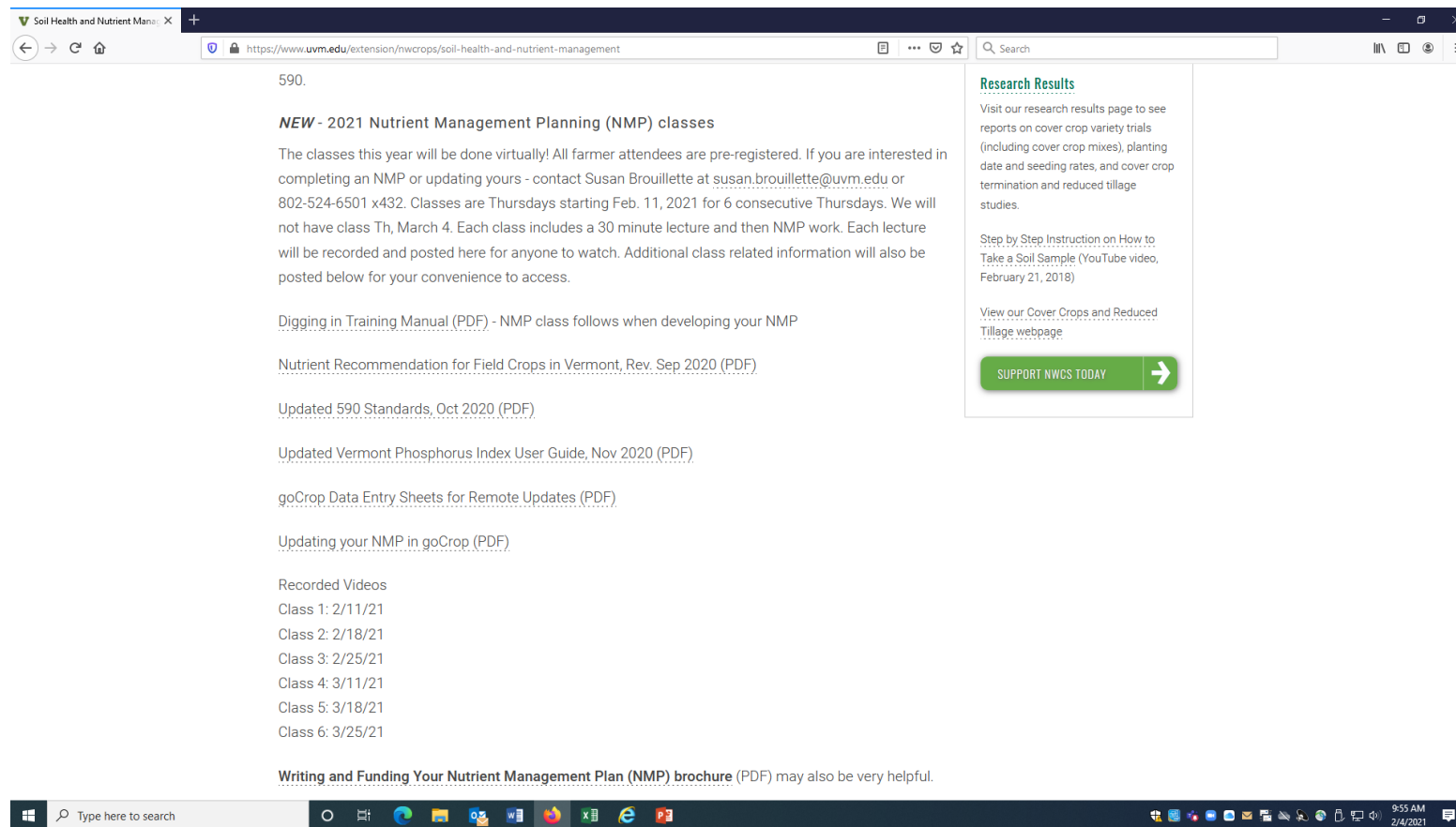
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# UVM Extension NMP Assistance

<https://www.uvm.edu/extension/nwcrops/soil-health-and-nutrient-management>



The screenshot shows a web browser window with the URL <https://www.uvm.edu/extension/nwcrops/soil-health-and-nutrient-management>. The page content includes:

- A heading "590." followed by a section titled "**NEW - 2021 Nutrient Management Planning (NMP) classes**".
- A paragraph stating: "The classes this year will be done virtually! All farmer attendees are pre-registered. If you are interested in completing an NMP or updating yours - contact Susan Brouillette at [susan.brouillette@uvm.edu](mailto:susan.brouillette@uvm.edu) or 802-524-6501 x432. Classes are Thursdays starting Feb. 11, 2021 for 6 consecutive Thursdays. We will not have class Th, March 4. Each class includes a 30 minute lecture and then NMP work. Each lecture will be recorded and posted here for anyone to watch. Additional class related information will also be posted below for your convenience to access."
- A list of links: [Digging in Training Manual \(PDF\)](#) - NMP class follows when developing your NMP; [Nutrient Recommendation for Field Crops in Vermont, Rev. Sep 2020 \(PDF\)](#); [Updated 590 Standards, Oct 2020 \(PDF\)](#); [Updated Vermont Phosphorus Index User Guide, Nov 2020 \(PDF\)](#); [goCrop Data Entry Sheets for Remote Updates \(PDF\)](#); [Updating your NMP in goCrop \(PDF\)](#).
- A section titled "Recorded Videos" with a list: Class 1: 2/11/21, Class 2: 2/18/21, Class 3: 2/25/21, Class 4: 3/11/21, Class 5: 3/18/21, Class 6: 3/25/21.
- A link: [Writing and Funding Your Nutrient Management Plan \(NMP\) brochure \(PDF\)](#) may also be very helpful.

On the right side of the page, there is a sidebar with the following content:

- A section titled "Research Results" with a paragraph: "Visit our research results page to see reports on cover crop variety trials (including cover crop mixes), planting date and seeding rates, and cover crop termination and reduced tillage studies."
- A link: [Step by Step Instruction on How to Take a Soil Sample \(YouTube video, February 21, 2018\)](#).
- A link: [View our Cover Crops and Reduced Tillage webpage](#).
- A green button labeled "SUPPORT NWCS TODAY" with a right-pointing arrow.

The Windows taskbar at the bottom shows the search bar and various application icons. The system clock indicates 8:55 AM on 2/4/2021.



*There are three steps to updating your NMP. The first step is updating your goCrop license so that it is active if you have not already. The second is entering crop records from the past season (2020), and the third step is creating/updating a cropping plan for the coming season (2021).*

#### **Before you get started**

There are a number of documents and information that you will need to have in order to complete the following steps. You will need:

1. Any new soil tests
2. New manure tests
3. RUSLE2 rotation erosion values
4. Soil factsheets or an up to date field inventory sheet
5. All field records including tillage, planting, insect scouting and control, nutrient applications, harvest, and weather (associated with nutrient applications)
6. A credit card to pay the annual license fee

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#### ***Step 1: Updating your license***

If you log into your goCrop account and see *Review This Farm* next to your farm name instead of *Work With This Farm* your license has expired. You will only be able to view information previously entered into goCrop but will not be able to update your plan.

# Update Requirements - Records

<https://agriculture.vermont.gov/nmp#A2>

## **Record Keeping:**

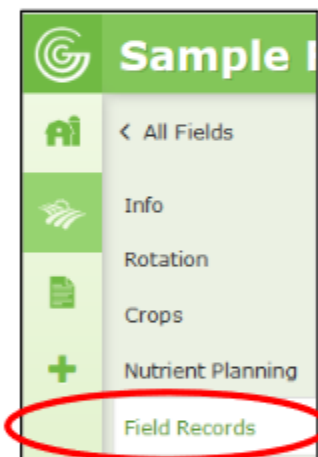
- Soil, manure, and plant tissue test results shall be kept on-farm for at least 5 years.
- Document dates and method(s) of nutrient applications, source of nutrients, and rates of application;
- Must include weather conditions and soil moisture at the time of application, lapsed time to manure incorporation, and rainfall or irrigation event;
- Document crops planted, planting and harvest dates, yields, nutrient analyses of harvested biomass, and crop residues removed;
- Indicate dates of plan review, name of reviewer, and recommended changes resulting from the review;
- Identify all enhanced efficiency fertilizer products used.



## Updating Your Nutrient Management Plan in goCrop

Fill out the form with the record information including the type of record, field the record is for, date, etc. If you would like to continue to add more records at this time, click *Save and add another* at the bottom of the form. This will save the date and other information you entered and then bring up another record to fill out. This feature can greatly expedite the record entering process.

The other way to enter records is to go to your fields list by clicking *Fields* from the sidebar menu, then clicking on the field you want to enter a record for and then clicking on the *Field records* button that appears at the left as shown below.



The following options are given for records to add:

Add a Record...

Insert Year (s)

# Record Keeping for All Nutrient Management Applications And Crop Yields on

Name of Farm

Provided by:  **VERMONT**  
AGENCY OF AGRICULTURE, FOOD & MARKETS



## Harvest Records

Date \_\_\_\_\_

Field \_\_\_\_\_

Crop \_\_\_\_\_

# Loads & Size of Load \_\_\_\_\_

**OR**

# Bales & Size of Bale \_\_\_\_\_

Field \_\_\_\_\_

Crop \_\_\_\_\_

# Loads & Size of Load \_\_\_\_\_

**OR**

# Bales & Size of Bale \_\_\_\_\_

Field \_\_\_\_\_

Crop \_\_\_\_\_

# Loads & Size of Load \_\_\_\_\_

**OR**

# Bales & Size of Bale \_\_\_\_\_

Field \_\_\_\_\_

Crop \_\_\_\_\_

# Loads & Size of Load \_\_\_\_\_

**OR**

# Bales & Size of Bale \_\_\_\_\_

Date \_\_\_\_\_

Field \_\_\_\_\_

Crop \_\_\_\_\_

# Loads & Size of Load \_\_\_\_\_

**OR**

# Bales & Size of Bale \_\_\_\_\_

Field \_\_\_\_\_

Crop \_\_\_\_\_

# Loads & Size of Load \_\_\_\_\_

**OR**

# Bales & Size of Bale \_\_\_\_\_

Field \_\_\_\_\_

Crop \_\_\_\_\_

# Loads & Size of Load \_\_\_\_\_

**OR**

# Bales & Size of Bale \_\_\_\_\_

Field \_\_\_\_\_

Crop \_\_\_\_\_

# Loads & Size of Load \_\_\_\_\_

**OR**

# Bales & Size of Bale \_\_\_\_\_



# Update Requirements - 2021 PLAN

Automatic Zoom

590 - 1

**NATURAL RESOURCES CONSERVATION  
SERVICE CONSERVATION PRACTICE STANDARD  
NUTRIENT MANAGEMENT  
(Ac.)  
CODE 590**

**DEFINITION**

Managing the amount (rate), source, placement (method of application), and timing of plant nutrients and soil amendments.

**PURPOSE**

To budget, supply, and conserve nutrients for plant production.

To minimize agricultural nonpoint source pollution of surface and groundwater resources.

To properly utilize manure or organic by-products as a plant nutrient source.

To protect air quality by reducing odors, nitrogen emissions (ammonia, oxides of nitrogen), and the formation of atmospheric particulates.

To maintain or improve the physical, chemical, and biological condition of soil.

**CONDITIONS WHERE PRACTICE APPLIES**

This practice applies to all lands where plant nutrients and soil amendments are applied.

**CRITERIA**

# Update Requirements - 2021 PLAN

ADDITION OR SUBTRACTION OF ANIMALS

Manure production/inventory

ADDITION OR SUBTRACTION OF NEW FIELDS OR TRACTS OF LAND

Maps, RULSE2, Soil factsheets, Soil tests

YEARLY MANURE TEST

UPDATED SOIL TESTS (every 3years)

CROP ROTATIONS OR CHANGES

new RUSLE2 if substantial changes

UPDATED MANURE AND FERTILIZER RECOMMENDATIONS

COMPLIANCE WITH P-INDEX

COMPLIANCE FORMS