

# SnapPlus

Wisconsin's Nutrient Management Software

## Basic Concepts

### Do I submit my soil samples differently if I am using SnapPlus?

When sampling soils for testing with the intention of creating a nutrient management plan in SnapPlus, *you do not have to complete the entire Soil Submission sheet for the soil testing lab*. Only minimal information is needed—**all contact information** (including email so you receive results in a format that can be uploaded into SnapPlus), **field name** and **soil sample number**. You will enter the rest of the information needed to get your recommendations directly into SnapPlus .

*If you want recommendations as soon as you receive your soil sample results prior to uploading into SnapPlus, then you should fill out the entire submission form.*

### When should you take soil samples?

Fall sampling is ideal, as you will get the results back in time to plan for the next cropping season. Whether you complete sampling in the spring or fall, be sure to resample at a maximum of four years later during the same season (if you sample in the fall, resample in the fall, etc).

### What do soil test results tell you?

Routine analysis of soil samples includes plant-available phosphorus (P) and potassium (K) levels, organic matter content (%), and soil pH. Once uploaded into SnapPlus, the information is used to make crop-specific fertilizer and lime recommendations.

### Interpreting the Results

If you do not plan your nutrient applications in SnapPlus to the University of Wisconsin's recommendation level, the program will show you if you are over (as a positive number) or under (as a negative number). To learn more, see Chapter 7 of A2809 *Nutrient Application Guidelines for Wisconsin*.

<http://learningstore.uwex.edu/Assets/pdfs/A2809.pdf>

### Helpful resources

Now that you have decided to test the soils on your farm, here are some quick references you may find helpful if you plan to complete the soil sampling on your own:

1. **A2100 Sampling Soils for Testing** provides guidance for accurate soil sampling. Available for viewing at <http://learningstore.uwex.edu/Assets/pdfs/A2100.pdf>
2. **VIDEO: Basic Soil Sampling for Wisconsin Soils** is a quick 5 minute "How To" video on soil sampling farm fields. Available for viewing at <http://ipcm.wisc.edu/video/>
3. **Wisconsin Department of Agriculture, Trade and Consumer Protection (WDATCP) Certified Soil Testing Labs:**

UW Soil & Plant Analysis Laboratory	Verona, WI	(608) 262-4364
UW Soil & Forage Lab	Marshfield, WI	(715) 387-2523
A & L Great Lakes Laboratories, Inc.	Fort Wayne, IN	(260) 483-4759
AgSource Cooperative Services	Bonduel, WI	(715) 758-2178
Dairyland Laboratories	Arcadia, WI	(608) 323-2123
Rock River Laboratory	Watertown, WI	(920) 261-0446





Department of Soil Science  
 College of Agricultural and Life Sciences  
 Univ. of Wisconsin – Madison/Extension

Soil & Plant Analysis Lab, 8452 Mineral Point Rd, Verona, WI 53593  
 Soil & Forage Analysis Lab, 2611 Yellowstone Dr, Marshfield, WI 54449  
<http://uwlab.soils.wisc.edu>

## Soil Submission Sheet for Field, Vegetable and Fruit Crops

<b>For Lab Use Only:</b> Date:  Lab No:	Please check how you would like to receive your results: <input type="checkbox"/> U.S. Mail <input type="checkbox"/> Email : Name: Address: City:                      State:                      Zip:                      Phone:	<b>Method of Payment:</b> Account ID <b>OR</b> Amount Paid \$ <input type="checkbox"/> Cash <input type="checkbox"/> Check No. <input type="checkbox"/> Credit Card <i>We'll call for number.</i>
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<b>TOTAL #</b>	<b>PLOW</b>	<b>COUNTY OF SOIL</b>	
<b>SAMPLES:</b>	<b>DEPTH:</b>	<b>ORIGIN (required):</b>	

FIELD ID	SAMPLE NO(S)	Check if irrigated	Check if filed	Check if 0-2" pH Samples	SOIL NAME (required)	Acres in Field	Slope %	4-YEAR CROP ROTATION		FERTILIZER CREDIT INFORMATION						
								Sequence to be Grown (crop code)	Yield Goal	Previous Legume Crop			Manure Applied to Field Since Last Crop			Consec. Years of Application (circle)
										Legume Crop (crop code)	Legume Forage % stand (circle)	Check if more than 8" regrowth in fall	Manure Code (See below)	Application Rate T/a gal/a	Time to Incorporate (Circle one)	
										< 30				>72 hrs	1	
										30-70				1 -72 hrs	2	
										> 70				< 1 hr	3+	
										< 30				>72 hrs	1	
										30-70				1 -72 hrs	2	
										> 70				< 1 hr	3+	
										< 30				>72 hrs	1	
										30-70				1 -72 hrs	2	
										> 70				< 1 hr	3+	
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										> 70				< 1 hr	3+	
										< 30				>72 hrs	1	
										30-70				1 -72 hrs	2	
										> 70				< 1 hr	3+	
										< 30				>72 hrs	1	
										30-70				1 -72 hrs	2	
										> 70				< 1 hr	3+	
										< 30				>72 hrs	1	
										30-70				1 -72 hrs	2	
										> 70				< 1 hr	3+	

<b>Tests include:</b> pH, lime requirement, organic matter, available phosphorus (P) and available potassium (K).  <b>Special Soil Tests (for an additional fee)</b> (List field or sample number) Calcium/Magnesium                      Zinc Boron    Sulfate Manganese                                      Other <b>Soil tests recommended if:</b> growing corn (field or sweet) <b>Zn and SO<sub>4</sub>-S</b> growing potato or apple (with pH < 5.5) <b>Ca/Mg</b> growing legume forage <b>B and SO<sub>4</sub>-S</b> growing specialty or vegetable crops <b>B, Zn, and Mn</b> growing small grain or soybean (with soil pH >7.0) <b>Mn</b> acid or sandy soil with high amounts of applied K <b>Ca/Mg</b>	<b>Manure Code List</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Solid</th> <th style="width: 50%;">Liquid</th> </tr> <tr><td>1 Dairy: semi</td><td>11 Dairy: liquid</td></tr> <tr><td>2 Dairy: solid</td><td>12 Dairy: slurry</td></tr> <tr><td>3 Beef</td><td>13 Veal calf</td></tr> <tr><td>4 Swine</td><td>14 Beef</td></tr> <tr><td>5 Duck</td><td>15 Swine, indoor pit</td></tr> <tr><td>6 Chicken</td><td>16 Swine, outdoor pit</td></tr> <tr><td>7 Turkey</td><td>17 Swine, farrow-nursery indoor pit</td></tr> <tr><td>8 Sheep</td><td>18 Poultry</td></tr> <tr><td>9 Horse</td><td>19 Goat</td></tr> <tr><td>10 Goat</td><td></td></tr> </table>	Solid	Liquid	1 Dairy: semi	11 Dairy: liquid	2 Dairy: solid	12 Dairy: slurry	3 Beef	13 Veal calf	4 Swine	14 Beef	5 Duck	15 Swine, indoor pit	6 Chicken	16 Swine, outdoor pit	7 Turkey	17 Swine, farrow-nursery indoor pit	8 Sheep	18 Poultry	9 Horse	19 Goat	10 Goat	
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