

#### **Farmland Preservation**

**Conservation Standards** 



#### **Current Dodge County Participation:**

**Total Value of Tax Credits: \$725,478** 

**Total Acreage Enrolled: 98159 acres** 

603 claims

Data from WI Department of Revenue, 2014

#### **Landowner Participant Benefits:**

- -\$5.00/acre
- -\$7.50/acre Zoning
- -\$10.00/acre

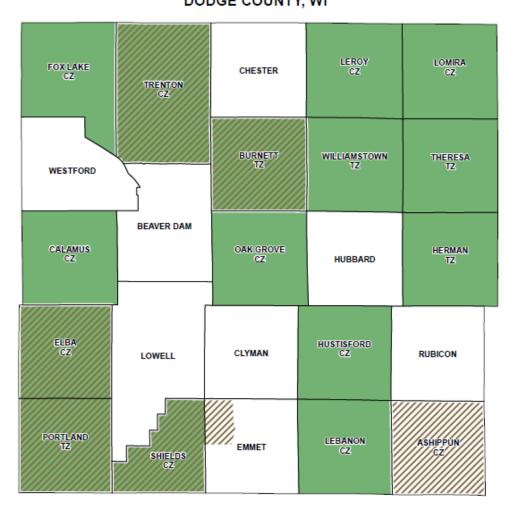
(Payment of deeded acre-not cropland acre)

#### **Dodge County Benefits:**

- -Strong Ag sector economy
- -Jobs
- -Conservation practices get installed



#### FARMLAND PRESERVATION PROGRAM DODGE COUNTY, WI



- Farmland Preservation Zoning
- Farmland Preservation Zoning and Agricultural Enterprise Area
- Agricultural Enterprise Area

CZ -- County Zoning | TZ -- Town Zoning

TOWN Z	ONING CLERKS		
Burnett Herman	Chris Merkes Diane Beine	(920) (920)	210-7892 387-9322
Portland	Nancy Thompson Diane Steger	(920)	478-3724
Williamstow	vnMary Dessereau	(920)	387-4251

Map Produced By: Jesse O'Nell, Dodge County Land Resources & Parks, November 2016



Land Conservation uses this checklist to check for compliance with statewide soil & water conservation standards.

14 Conservation Standards Currently.

\$\$ Cost Sharing may be available to help landowners comply with the standards. Contact Land Conservation @ (920) 386-3660.

#### FARMLAND PRESERVATION PROGRAM CONSERVATION STANDARDS CHECKLIST AND COMPLIANCE SCHEDULE

Owner Name:	Operat	tor Name:
Participating Land Location:		
Township:	Section #:	Total Acres:
Township:		Total Acres:
Township:		
Township:		Total Acres:
Date of Review:	Reviewer 1	Name:

Wisconsin Act 28 (2009-2011 State Budget Bill) made changes to the Wisconsin Farmland Preservation Program that require all program participants to comply with statewide soil and water conservation standards. A summary of these state soil and water conservation standards is provided on the back. The checklist below identifies the status of your compliance with statewide soil and water conservation standards of the Farmland Preservation Program. Items that are checked "Yes" indicate that you are currently in compliance with that particular conservation standard, and that you need to maintain compliance with that standard in the future. Items that are checked "No" indicate that you are currently not in compliance with that conservation standard, and that you need to bring your farm into compliance with that conservation standard by the date indicated under the column titled "Compliance Date". Items that are checked "NA" currently do not apply to your farm operation, but may be applicable if your operation changes in the future.

Soil & Water Conservation Standard		No	NA	Compliance Date
1. Cropland Erosion at Tolerable Rate (Using RUSLE2)	T			
2. Cropland Gully Erosion is Under Control				A PARTICIPATION OF THE PARTICI
3. Livestock Access to Water Bodies Under Control				
4. New/Altered Manure Storage Built to Standards				
5. Existing Manure Storage Facilities Not Leaking				
6. Existing Manure Storage Facilities Not Overflowing	<u> </u>			
7. There Are No Manure Piles In WQMA's*				
8. Landowner Has a Nutrient Management Plan	1			
9. There is No Manure Storage Needing To Be Closed				
10. There is No Direct Feedlot Runoff to Surface Waters	_			
11. Feedlot Clean Water is Diverted from WQMA's*	1			
12. A 5-Foot Tillage Setback Exists By All Surface Waters	1			
13. All Cropland and Pastures Have "PI" of 6 or Less				
14. There is No Significant Discharge of Process Wastewater				

<sup>\*</sup> WQMA stands for Water Quality Management Area and means "the area within 1,000 feet from the ordinary high water mark of navigable waters that consist of a lake, pond or flowage... and the area within 300 feet of the ordinary high water mark of navigable waters that consist of a river or stream...; and a site that is susceptible to groundwater contamination, or that can be a conduit for contamination to reach groundwater".



Land owners (or their operators) must comply with the following conservation standards:

- 1. Conservation plan. Crop rotation and tillage show soil meets "T".
- 2. No Gully erosion. Grassed waterways in concentrated flow channels.
- 3. Livestock access areas to waters of the state have adequate sod/vegetative cover.
- 4. New/altered manure storage structures must be built to standard.
- 5 & 6. Existing manure storage facilities must not leak or overflow.
- 7. No unconfined manure piles in Water Quality Management Areas.
- 8. Nutrient management plan.
- 9. Unused manure storage facilities must be properly closed.
- 10. No direct runoff from a feedlot to surface waters.
- 11. Clean water must be diverted from feedlots, manure storage & barnyards in water quality management areas.
- 12. 5 foot tillage setback from surface waters.
- 13. All cropland and pastures have phosphorus index of 6 or less.
- 14. No significant discharge of "Process Wastewater".



1. Conservation plan. Crop rotation and tillage methods show soil erosion meets tolerable level.

- -Crop Rotation
- -Contour farming
- -Contour Strip-cropping
- -Residue Management
- -Mulch tillage, Strip-Till
- & No-Till planting
- -Cover crops



SNAP-Plus
Wisconsin's Nutrient Management Planning Software



2. No Gully erosion. Grassed waterways in concentrated flow channels.





3. Livestock access areas to waters of the state have adequate sod/vegetative cover.





4. New/altered manure storage structures must be built to standard.





5. Existing manure storage facilities must not leak.





6. Existing manure storage facilities must not overflow.





7. No unconfined manure piles in Water Quality Management Areas. (300 feet from a stream or river, 1000 feet from a lake, pond or flowage, or areas susceptible to groundwater contamination.)

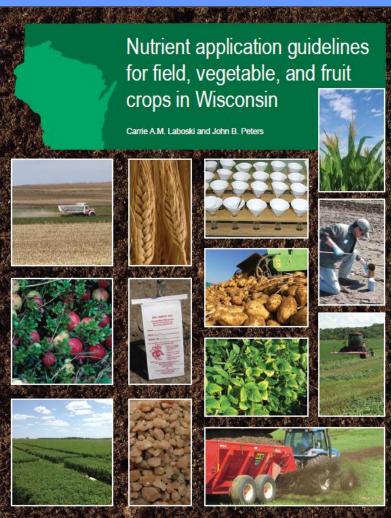




- 8. Nutrient management plan. Includes livestock farms and crop farms.
- -Maps -Soil samples
- -Nutrient crediting for manure and legumes
- -UW recommendations to determine optimal fertilizer rates
- -Phosphorus strategy
- -Grassed waterways to protect concentrated flow areas from gullies.









#### More on Nutrient Management

- Crop FertilityPlan
  - Crop nutrient needs
  - Soil test levels
  - Legume and/or manure credits
  - Commercial fertilizers to balance crop nutrient needs

- Manure ManagementPlan Your RiskManagement Plan
  - Total manure produced
  - Rate of application
  - Timing and placement
  - Manure spreading maps
  - Keep manure from contaminating surface & groundwater



#### **More on Nutrient Management: Manure Spreading**

#### KEY TO MANURE SPREADING RESTRICTION MAPS

#### NON-FROZEN/WARM WEATHER RESTRICTIONS

Manue applications in the following areas are restricted as described below:

- 1. Soil Types w/ Potential to Leach to Groundwater = No manure shall be applied prior to September 15th on idle gropland having soils with less than 20 inches to bedrock, or soils with less than 12 inches to apparent water table, or within 1,000 feet of a municipal we'll when soil temperatures are above 50 F and crops will not be planted until the following spring (except for liquid manuse when a nitrification inhibitor is used and manuse is applied at a rate of less than 120 pounds available N per acre)
- 2. SWQMA's = Surface Water Quality Management Area: Defined as areas within 300 feet of a river, stream or ditch; and or areas within 1,000 feet of a lake, pond or flowagemanuse can only be applied if one or more of the following are implemented:
  - a Manure is injected or incorporated within 72 hours
  - b. More than 30% crop residue cover remains on the soil surface after application
  - Cover crops are established promptly after application
- d. A permanent vegetative buffer is established next to the nearby surface water 3. Environmentally Sensitive Areas = Areas within 200 feet of wells, sinkholes, dosed depressions, tille infets, surface fractured bedrock, sand gravel pits and rock quarries - no manuse can be applied unless it is injected or incorporated within 72 hours







#### Tile Inlets



#### KEY TO MANURE SPREADING RESTRICTION MAPS

#### FROZ EN/SNOW COVERED RESTRICTIONS

Do not apply manure in the following areas when soil is frozen and/or snow covered:

- 1. Slopes Greater than 9% = Crop fields with slopes greater than 9% (except for slopes up to 12% where crop land is either contours trip cropped or contour farmed
- SWQMA's = Surface Water Quality Management Areas Defined as areas within 300 feet of a river, stream or ditch; and or areas within 1,000 feet of a take, pond, or flowage
- Environmentally Sensitive Areas = Areas within 200 feet of wells, sink holes, closed depressions, tile inlets, surface fractured bedrock, sand gravel pits and rock quarries

located within 50 feet of and draining toward road ditch et and property/fence line.)





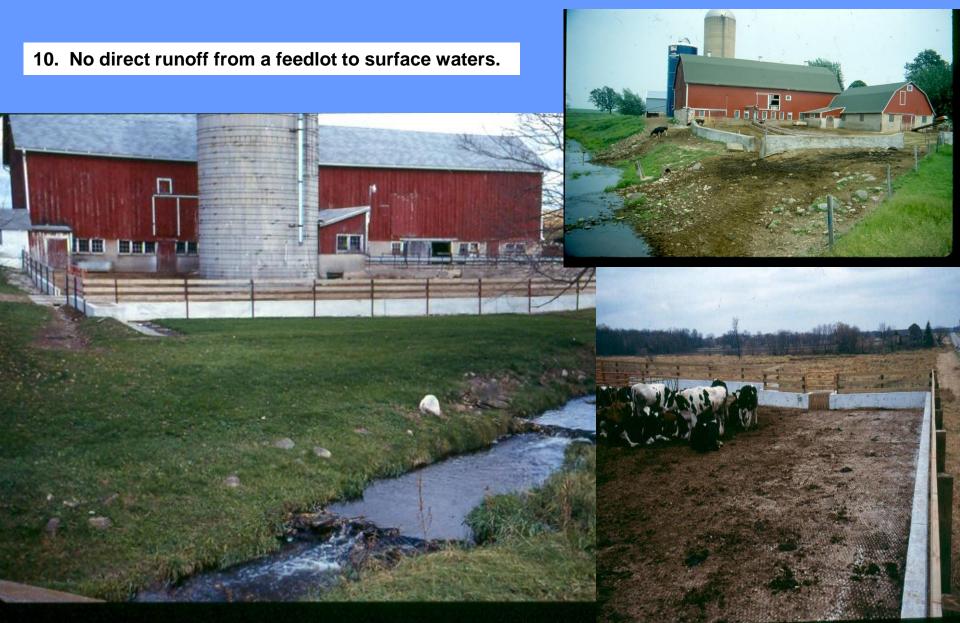




9. Unused manure storage facilities must be properly closed.

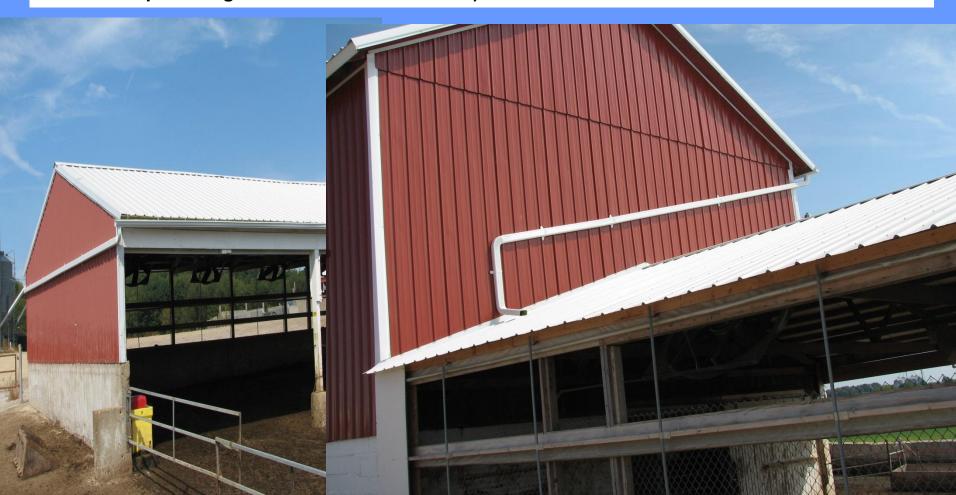




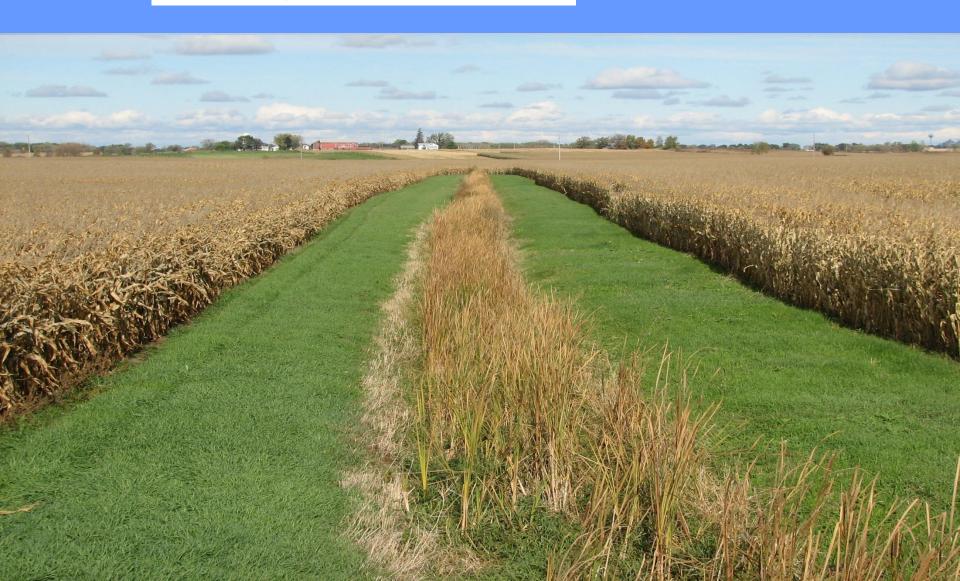




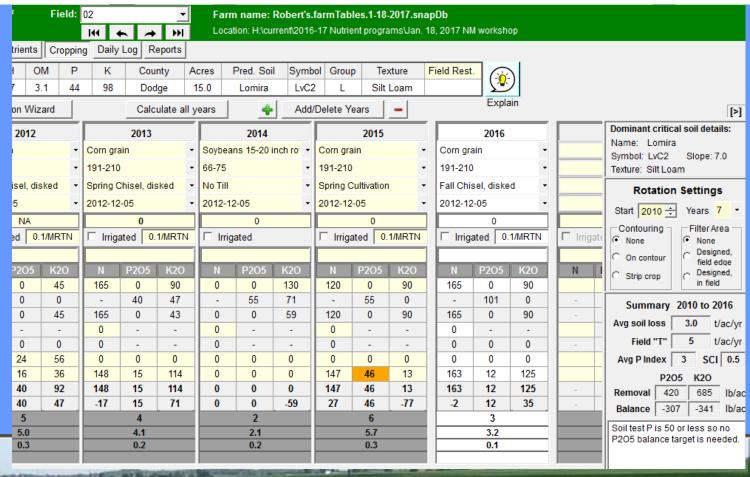
11. Clean water must be diverted from feedlots, manure storage & barnyards in water quality management areas. (300 feet from a stream or river, 1000 feet from a lake, pond or flowage, or areas susceptible to groundwater contamination.)



12. 5 foot tillage setback from surface waters.



13. All cropland and pastures have phosphorus index of 6 or less. (6 lb/acre of Phos. runoff?).



14. No significant discharge of "Process Wastewater". (Silage leachate & milkhouse waste).





