

NUTRIENT MANAGEMENT AND PESTICIDE MANAGEMENT PLANNING

NUTRIENT MANAGEMENT PLANNING

Nutrient Management Planning is a way for Wisconsin farmers to ensure that their crops get the right source of nutrients at the right rate, time and place to match crop needs and minimize nutrient losses from fields.

COST SHARE

- 1) Is a flat rate of \$28 per acre.
 - a) A four year plan that includes soil sampling and annual updates and is done by a qualified nutrient management professional.
 - i) Can be done by a farmer who has participated in training or is qualified
 - b) For all acres where nutrients will be applied and it can include pastures
 - c) Continued support from Land & Water Conservation staff with updating updating and tailoring the plan to fit your needs.

WHY PRACTICE NUTRIENT MANAGEMENT ON YOUR FARM?

- 1) Enhances profitability by significantly reducing purchased fertilizer costs
- 2) Protects surface water quality by minimizing nutrients, organic matter and pathogens in agricultural runoff
- 3) Protects groundwater in wellhead protection areas from nitrate contamination
- 4) Improves soil quality and productivity by increasing nutrient retention and water holding capacity and enhancing soil structure
- 5) Minnesota Extension estimated that 86% of Minnesota farmers could save more than \$6/acre and 56% could save more than \$10/acre in fertilizer costs. This was based on calculations by roughly 700 Minnesota farmers who prepared their own nutrient management plans at Extension workshops.

TAKING MANURE FOR WHAT IT'S WORTH!

At fertilizer prices of \$0.53/lb for N, \$0.50/lb for phosphate, and \$0.48/lb for potash, a herd of 100 cows is producing over \$17,000 worth of organic fertilizer.

	N	P ₂ O ₅	K ₂ O
Fertilizer prices	\$0.53/lb	\$0.50/lb	\$0.48/lb
1st yr. nutrient availability per ton (solid)	3 lb	3 lb	7 lb
1st yr. nutrient availability per 1,000 gallon (liquid)	7 lb	5 lb	16 lb
Manure production per cow	27 tons/year	6500 gal/year	
Total value manure produced per cow (solid manure)	\$174.15		
Total value manure produced per cow (liquid manure)	\$90.29		

CONDITIONS

- 1) Landowner agrees to maintain the nutrient management practice in each year for which cost-sharing is provided.

Additional Cost Share

THE FOLLOWING CONSERVATION PRACTICES:

- 1) For contour farming, \$9 per acre per year.
- 2) For cover crop, \$25 per acre per year.
- 3) For high residue management systems, no-till systems, ridge till systems, and mulch till systems, \$18.50 per acre per year.
- 4) For stripcropping, \$13.50 per acre per year.

CONDITIONS FOR ADDITIONAL COST SHARE

1. A nutrient management plan covering the cropland acres
2. The practice identified above is required to meet "T"

TRAINING

Training is also available to help farmers interested in doing their own nutrient management plans. This training includes learning how to use SnapPlus. Depending on interest classes are periodically offered. If interested contact the Land and Conservation Department to discuss, phone or email.

If there is enough interest a grant can be applied which can pay:

- 1) Soil sample collection and testing not to exceed \$2 per acre for each participant who prepares a nutrient management plan (not to exceed \$500 per participant).
- 2) Incentive stipends to participants not to exceed \$500 per participant.