

# Low Disturbance Manure Injection for Producers



## Yahara CLEAN Low Disturbance Manure Injection

Low Disturbance Manure Injection (LDMI) systems cut through residue, lift the soil, and inject nutrients. These systems create very little soil disturbance, are compatible with no-till planting, and allow producers/landowners to apply manure in a manner that reduces the risk of runoff and maintains residue on cropped fields.

### How can I participate in this program?

This program is offered by the Dane County Land and Water Resources Department, in collaboration with Yahara Pride Farms, to provide cost-share assistance to offset some of the costs for producers/landowners to purchase LDMI equipment. This program is available to eligible Dane County producers who own or operate land located in the Yahara River Watershed and currently surface apply or incorporate manure to cropped fields.

### Program requirements:

- ☛ Use of LDMI equipment to apply at least 25% of the total volume of liquid manure applied each year for at least five years.
- ☛ Compliance with an approved conservation plan for all land where LDMI will be used.
- ☛ Applicants who apply manure in the fall agree to use the LDMI equipment with no other tillage occurring in the fall, or with low disturbance subsoil tillage or strip tillage and the seeding of a cover crop.

**For more information, please contact:**

Land Conservation Division  
(608) 224-3730  
landcon@countyofdane.com

- ✦ Maintenance of all LDMI equipment in good working condition during the grant period.
- ✦ Dane County staff will inventory enrolled land and verify LDMI application and phosphorus reductions over the course of the grant period.
- ✦ Applicants who apply manure in the fall agree to use the LDMI equipment with no other tillage occurring in the fall, **or** with low disturbance subsoil tillage or strip tillage and the seeding of a cover crop.

## Funding Assistance

Funding is available to purchase equipment with maximum cost-share assistance provided below:





- ✦ LDMI tool bar (including hoses).....75% of the total cost, not to exceed \$30,000
- ✦ Flow meter and corresponding sensors.....25% of the total cost not to exceed \$8,000
- ✦ GPS mapping and equipment.....25% of the total cost not to exceed \$2,000

**Total Funds Not to Exceed \$40,000**

Used equipment can be purchased provided that the equipment dealer signs a written statement that the equipment is in good repair and that it still functions as designed.

One or more producers can apply to purchase equipment under one application. Priority will be given to applications where more than one producer will be using the equipment. Priority will also be given to applicants who plan to implement the practice on a greater number of acres in the Yahara Watershed.

## Cost-share agreement process:

	<p><b>1</b> Work with an agronomist or Dane County staff to develop/update a nutrient management plan using SNAP Plus. Include an estimate of phosphorus reductions resulting from LDMI equipment use.</p>
	<p><b>2</b> Applications are reviewed anonymously by Yahara Pride Farms Board for equipment eligibility and by Dane County staff for program eligibility and phosphorus reduction potential.</p>
	<p><b>3</b> Applicant signs a cost-share agreement and receives 40% of the applicable cost-share funds for purchase of the equipment.</p>
	<p><b>4</b> Cost-share recipient receives a payment of 20% of the applicable cost-share agreement each year for three years once staff verify LDMI application.</p>

\*\*If at any time, Dane County determines that a violation of the terms of the LDMI cost-share agreement has occurred, the cost-share recipient shall immediately refund all cost-share funds received under the agreement.

**Applications will be taken on a continuous basis until all available funds have been exhausted.**

Applications can be found online at: <https://lcd-lwrd.countyofdane.com/>