

## Agriculture

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### 2019 Custom Manure Hauler and Agronomist Workshop



Thirty-eight Custom Manure Haulers and agronomists participated in the March 7th, 2019 Manitowoc County Custom Manure Hauler and Certified Crop Advisor Workshop sponsored by Manitowoc County UW-Extension and the Manitowoc County Soil and Water Conservation Department. The intent of the annual workshop is to provide updated information to agricultural professionals who custom haul manure for other dairy farmers and for those who develop nutrient management plans for dairy and cash-crop farmers. A post-meeting evaluation of the workshop indicated the following: Over 340 farms were represented by the 25 individuals who completed the evaluation. These consultants worked with farmers with approximately 140,000 acres of cropland and nearly 62,000 cows. In 2018, over 900,000,000 gallons of manure were hauled by the three custom manure haulers who participated in the workshop and completed the evaluation. Manitowoc County dairy and livestock farms generate about 750 million gallons of manure each year, indicating the three custom manure haulers attending the workshop provide hauling services in surrounding counties as well as Manitowoc County. All 25 of the individuals completing the post-workshop evaluation indicated the following:

- \*The meeting was worth their time
  - \*They would recommend this meeting to their coworkers or friends
  - \*They would consider attending a similar session next year
- Updated "Preventing Manure Spills and Run-off Events" and "Responding to Manure Spills and Run-off Events" guides, authored by the Manitowoc County UW-Extension Office and Soil and Water Conservation Department, were distributed to all meeting participants.

### Save the Date:



Be sure to make plans to attend the 2019 Manitowoc County Breakfast on the Farm scheduled for June 9th from 8 a.m. to noon. This year's host farm is Haelfrisch Dairy Farm located at 23728 U.S. HWY 10, Brillion, WI.

Also, make time to visit the Farm Wisconsin Discovery Center. This state-of-the art Center tells the story of where food comes from and the stewardship that goes into farming in Wisconsin. The Center is open from 9 am to 5 pm daily.



More details are available at <https://farmwisconsin.org/>

## FoodWise

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### Feeding for More than Just Hunger!

*United HealthCare, Extension FoodWise, and Two Rivers Ecumenical Pantry partnering to bring more healthful, nutrient dense foods to food pantry shoppers*

By Laura Apfelbeck, FoodWise Coordinator for Door, Kewaunee and Manitowoc Counties and Danielle Brenner, UW-Green Bay Dietetic Intern

The Center for Disease Control and Prevention states chronic disease affects 6 out of 10 Americans and food insecurity highly correlates with chronic diseases. Low nutrient foods typically offer greater shelf stability and seem inexpensive compared with nutrient dense foods. Unfortunately, processed foods often contain greater amounts of sodium, sugar, and fat without many nutrients, leading to obesity and chronic disease. Chronic disease can be improved or even prevented by eating more healthfully. Two Rivers Ecumenical Pantry (TREP) director identified this issue and partnered with UW-Extension FoodWise to tackle it.

Nutrition education classes with a culinary skill emphasis on slow cookers. Recipes featured underutilized nutrient dense foods from the pantry and flavorful results like Southwestern Pinto Bean Soup, Dal, and Red Beans & Rice. Intern Danielle Brenner surveyed participants & pantry users to identify whether TREP shoppers had common diet-related diseases: heart disease, kidney disease, and diabetes. Over three shopping days, 32 people visited TREP and 30 (94%) agreed to participate in the survey. Of those participants, 10 (33%) indicated heart disease, 7 (23%) indicated kidney disease, 10 (33%) indicated diabetes, and 13 (43%) indicated none. Of 17 participants managing one diagnosis, 9 (50%) indicated two or more diagnoses. Over half of TREP shoppers manage at least one chronic disease.

The goal is to use the data to secure grant funding for TREP director to purchase the nutrient dense foods critical to managing chronic disease. Healthier food also serves as a preventative measure for those without diagnosed diet-related disease.

Photo: Intern Danielle Brenner and survey taker at TREP



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# Hazardous Waste Clean Sweep 2019



## HOUSEHOLD GUIDELINES

- Household participants may dispose of acceptable hazardous waste items at no cost on May 18 between 9am and noon.
- Participants must be residents of Manitowoc County.
- Wastes must be brought in the original containers. Keep materials separate. Do NOT mix chemicals.
- Unknown substances and commercial waste will not be accepted.
- To prepare materials for transport, line a cardboard box with a plastic bag, place them in the box and separate with cardboard.
- When arriving at the Clean Sweep disposal site, slow down and follow traffic directions.
- If unable to attend, then ask a neighbor to take your materials for you.
- Practice reduction by switching to safer alternatives or purchasing smaller amounts.

## FARM GUIDELINES

- Farms and agricultural businesses must pre-register by May 10. Call 683-4333 for instructions.
- Farmers and rural property owners from Manitowoc County may bring chemicals from active and abandoned farms for disposal at no cost on May 17 between 2pm and 4pm.
- Many types of agricultural operations are eligible for disposal service including: livestock, grain, holiday trees, poultry, fruit, vegetable and aquaculture.
- Non-agriculture operations that bring in farm chemicals should register as a business and may be eligible for a 50% disposal subsidy.
- Drums that have contained, or still contain agricultural chemicals will be accepted.

## BUSINESS GUIDELINES

- Businesses must pre-register by May 10. Call 683-4333 for instructions. Late registrants may not be eligible for reduced disposal rates.
- Once registered, businesses will be scheduled a time to arrive on May 17 between 2pm and 4pm.
- Businesses must qualify as a Very Small Quantity Generator (VSQG) through self-certification to dispose of their waste. VSQGs produce less than 220 pounds of hazardous waste per month and store less than 2,205 pounds. Other limits may apply.
- Businesses can be retail, wholesale, manufacturing, commercial real estate, non-profit, schools, churches, golf courses and restaurants.
- Acceptable items include all those previously listed and chemicals associated with:
  - ◇ Business site and grounds maintenance such as pesticides, cleaners, disinfectants and vehicle chemicals.
  - ◇ Manufacturing and process chemicals such as oxidizers, acids, caustics, technical grade chemicals, laboratory reagents, polymers, reactive metals, mercury-based products, etc.
  - ◇ All sludges (weight scale pits, sump pits) are eligible for Clean Sweep. Agrichemical sludge (pesticide containing sludge from mixing and loading operations) is eligible for a 50% disposal subsidy.

Manitowoc County may modify guidelines at any time to meet the needs of the program.

**Program Sponsors:** Manitowoc County Solid Waste Dept., Sheboygan County Planning and Resources Dept., Fond du Lac County Land and Water Conservation Department, Wisconsin Department of Agriculture, Trade, and Consumer Protection (DATCP), Waste Management Inc., Ascend Services Inc., and Manitowoc County UW Extension.