

## **To All Ag Reporter Email Recipients:**

Here is your weekly update for ag information. Click on the topic and it will take you directly to that article. In order of appearance:

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## **Wisconsin Crop Manager – November 14, 2019**

[https://ipcm.wisc.edu/download/wcm-pdf/WCM2019/WCM\\_2019\\_24.pdf](https://ipcm.wisc.edu/download/wcm-pdf/WCM2019/WCM_2019_24.pdf)

### **Dealing with Wet, Frozen Soybeans**

Harvesting and storing soybeans

Drying and storing wet soybeans

<https://coolbean.info/2019/11/07/dealing-wet-frozen-soybeans/>

### **There are ruts out in my field; Dealing with wet soils in the fall**

FRANCISCO ARRIAGA, ASSOCIATE PROFESSOR AND EXTENSION STATE SPECIALIST,  
DEPT. OF SOIL SCIENCE, WILLIAM HALFMAN, AGRICULTURAL AGENT, MONROE CO, UW-  
EXTENSION

Most of the state has experienced wet conditions during harvest. Equipment traffic on wet soil increases the risk for soil compaction and rutting. And there have been observations of deep tillage occurring on fields that are too wet for it to do any good.

The level of compaction and rutting that can be created depends in multiple factors; number of passes done, axle loads of the equipment, type of tires (flotation tires, duals or tracks), and other factors. Tillage is often needed to fix subsoil compaction and rutting. However, doing tillage when soils are wet will make matters worse. Following are some things to keep in mind.

The relative depth of compaction that can be created in wet soils depends on the level of soil wetness at the time the soil is trafficked. Briefly, soils trafficked when soil moisture is around or wetter than field capacity have a greater risk for rutting than subsurface compaction (deeper than 6 inches).

Surface ruts don't always indicate that subsurface compaction is present. Use a penetrometer to determine if subsurface compaction is present. If there isn't subsurface compaction present, there is no need for deep ripping (also known as sub-soiling or deep tillage).

Doing tillage in spots to fill deep ruts is good approach rather than doing heavy tillage in an entire field. Deep ruts might take 2 to 3 tillage passes to get them filled in.

If soil conditions are still too wet after harvest, waiting until soils are dry enough for the tillage to be effective, possibly later in fall or spring to fix rutted areas and subsurface compaction is a better alternative than fall tillage. Example of the level of soil compaction, or bulk density, a silt loam soil can achieve at different water contents. WCM-151 wet soils will create more issues as it leads to more aggregate breakdown and hardening of the soil. Avoid making clods.

Clay smearing is more likely to happen when tilling wet soils. Soils with smeared clay will have a reduced infiltration capacity and can create issues for seed germination.

Limited research has been conducted on tilling frosted soils. Results have been mixed. The biggest factor is the amount and depth of frost present in the soil. The amount of frost can help carry some of the equipment load, but as soil frost increases, the amount of horsepower needed for the tillage operation goes up too.

Tilling wet soils can create more problems rather than solve them. Waiting until spring to fix ruts or soil compaction can be a good strategy. Increasing soil aggregation is a good long-term strategy for improving the trafficability of fields. Timely manure applications, cover crops and reduced tillage practices (including no-tillage) are all good strategies for increasing soil aggregation.

### ***Wisconsin Pest Bulletin, November 8, 2019***

KRISTA HAMILTON, ENTOMOLOGIST, WISCONSIN DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION Volume 64 Issue No. 19

<https://datcpservices.wisconsin.gov/pb/pdf/11-07-19.pdf>

Inside this issue:

PEST HIGHLIGHTS OF 2019: Swede midge detected for the first time in Wisconsin

FORAGES & GRAINS: Potato leafhopper pressure high this season

INDUSTRIAL HEMP: Eurasian hemp borer most common and destructive hemp pest in 2019

CORN: Fall European corn borer population remains at all-time low

SOYBEAN: Annual soybean aphid survey finds lowest densities in 18 years

FRUITS: Brown marmorated stink bug confirmed in 30 Wisconsin counties

VEGETABLES: Highlights from this season's vegetable disease surveys

NURSERY & FOREST: Ramorum blight intercepted on rhododendron in August

### ***Cover Crop Termination Options***

<https://ipcm.wisc.edu/download/pubsPM/CoverCropTerminationOptions.pdf>

### ***Amaranthus SP... Weeds with an attitude! Pigweed identification guide***

<https://ipcm.wisc.edu/download/pubsPM/AmaranthusWeedID.pdf>

### ***2020 Discovery Farms Summit***

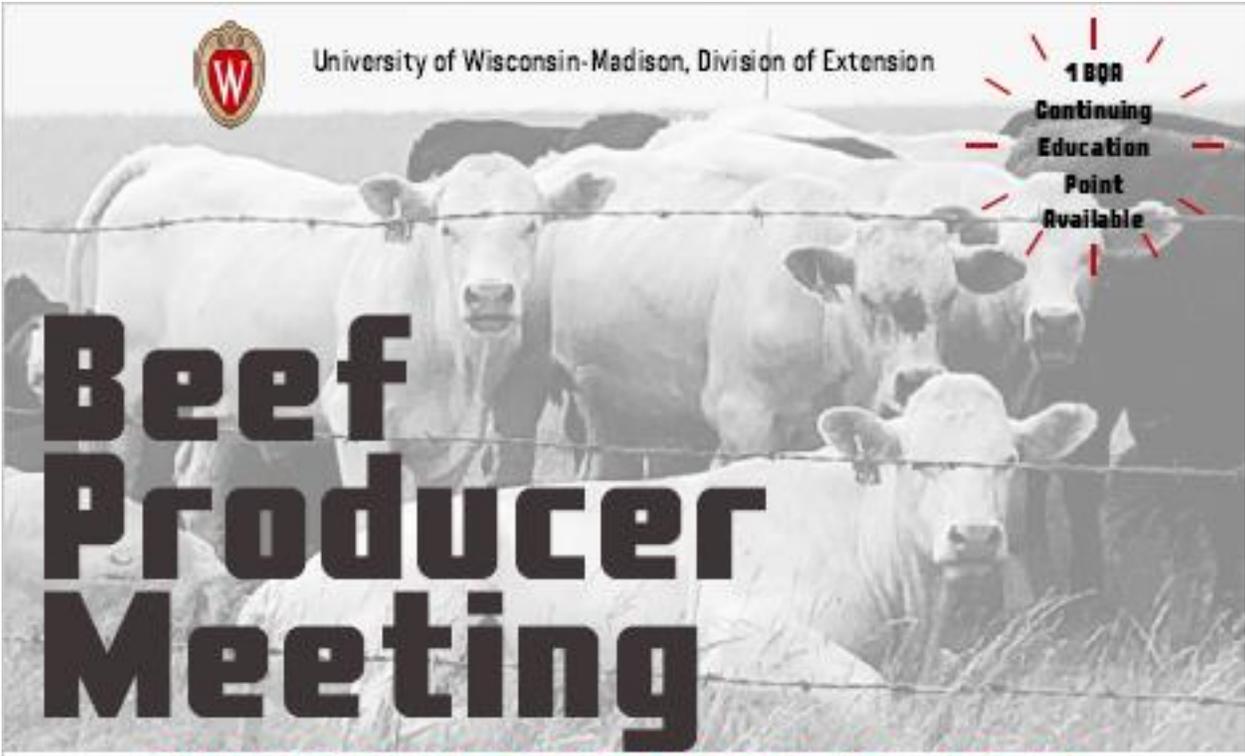
<https://discovery-farms-summit.constantcontactsites.com/>

***Beef Producer Meeting***



University of Wisconsin-Madison, Division of Extension

**1.800  
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# Beef Producer Meeting

**THURSDAY, DECEMBER 12, 2019  
6 PM - 8 PM**

**\$10 REGISTRATION FEE INCLUDES LIGHT DINNER**

Kindly register by December 6th



**Converting Your Barn From Dairy to Beef  
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**SPEAKERS:**

Aerica Bjurstrom; Agriculture Educator Extension Kewaunee County  
Amanda Young; Dairy & Livestock Educator Extension Dodge County

Learn more at: [www.dodge.extension.wisc.edu](http://www.dodge.extension.wisc.edu)

**LOCATION:**

Extension Dodge County  
Administration Building  
127 E. Oak St.  
Juneau, WI 53039  
920-386-3790

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# SAVE THE DATE

## Winter Conference



NEW THIS YEAR:



WISCONSIN CATTLEMEN'S WELCOMES WISCONSIN DAIRY AND BEEF WELLBEING CONFERENCE!

FEBRUARY 21-22, 2020 | CHULA VISTA RESORT, WISCONSIN DELLS

FOR REGISTRATION DETAILS AND MORE INFORMATION:

608.228.1457 | [WINTERCONFERENCE@CATTLEMEN.COM](mailto:WINTERCONFERENCE@CATTLEMEN.COM) | [WISCONSINCATTLEMEN.COM](http://WISCONSINCATTLEMEN.COM)



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### AGENDA:

BQA & FARM UPDATES

PAIN MITIGATION

HEIFER LAMENESS

ANIMAL WELFARE IN BEEF

CONSUMER TRENDS

SOCIAL SCIENCE & ANIMAL WELFARE

CEUs AVAILABLE FOR:

ANIMAL SCIENTISTS, VETERINARIANS,  
BQA, AND FARM



[Weekly Emails Online!](#)

<http://columbia.uwex.edu/ag-calendar-and-deadlines/>

The Ag Reporter “Snapshot” is presented to you each week by George Koepp, Columbia County UW-Extension Agriculture Agent. If you have any questions about these articles or need other ag-related information, please contact George at 608-742-9682 or by email [george.koepp@wisc.edu](mailto:george.koepp@wisc.edu).