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Crop Production

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## **SUGARBEET ROOT MAGGOT FLIES EMERGING**

The first sugarbeet root maggot (SBRM) flies detected in the NDSU trapping network this season were collected from traps in North Dakota in the Hillsboro, East Grand Forks, and Drayton sugar factory districts on June 12. Flies are expected to emerge later than normal this year due to the spring's persistently cool temperatures.

## **2009 PROJECT SAFE SEND**

Project Safe Send was started in 1992 to help farmers safely and legally get rid of unusable pesticides. Since then, more than 6,400 people have brought in over 2.3 million pounds of pesticides. That's a lot. But with the support of pesticide manufacturers, the North Dakota Department of Agriculture (NDDA) has funds to help get rid of more. We can accept any pesticides (herbicides, insecticides, rodenticides and fungicides) that are old, unusable or banned--like DDT, arsenic, dieldrin, chlordane or mercury seed treatments.

**July 7th from 9:00 am to 3:00 pm  
Casselton, ND**

ND Depart. of Transportation Facilities,  
15482 37th St SE

*take I-94 Exit 331, go north on ND 18, take frontage road west about 3/4 mile.*

## **PREVENT PLANTING CROP CHOICES FOR SALTY SOIL REMEDIATION**

It will be important to seed something into prevented plant acres to biologically remove water from the soil. High water tables produce salty soils. Crop or plants that are growing remove water and therefore lower the depth of water table and reduce amount of salt that migrates to the surface. Removing vegetation to reduce salts has an almost imperceptible effect on soil salt. The real advantage of growing plants in salty areas is lowering the water table. Choosing a long-season, deep-rooted salt tolerant plant would be most useful. Check with your FSA representative to review the rules of prevent planting cover crops.

## **VOLUNTEER CORN MANAGEMENT IN CORN AND SOYBEAN**

Unharvested corn from the 2008 crop and corn seed going through the back of the combine will contribute to corn becoming the "Weed of 2009". High populations will surely occur this year. What impact the volunteer corn will have on this year's crop yield and the viable management options available will depend upon in which crop the volunteer corn is present. Making the assumptions that the majority of the volunteer corn present is glyphosate resistant and that glyphosate resistant crops were planted in the field this year, your only management option in corn at this time is cultivation. In soybean you have the herbicide options of the ACCase inhibiting herbicides such as: clethodim, Fusilade DX (fluazifop-P), and Assure II (quizalofop); note Poast Plus (sethoxydim) is not as active as the other POST grass herbicides on volunteer corn. The ACCase inhibiting herbicides are generally targeted on 12- to 24-inch tall volunteer corn. The ALS herbicide, Raptor can also effectively control smaller (2 to 8 inch) volunteer corn.

# NDSU DISEASE FORECASTING SITE UPDATE

Leaf Disease Predictions: The NDSU Small Grain Disease Forecasting site at:


[www.ag.ndsu.nodak.edu/cropdisease/](http://www.ag.ndsu.nodak.edu/cropdisease/) is showing risk of tan spot infections and possible need for fungicide application at many NDAWN locations, because of recent rains at these locations. Fusarium head blight (scab) Predictions: At the same above web site, when the flowering growth stage is chosen, risk maps for Fusarium head blight infection also are available. The user of the web site also may pick the susceptibility of the variety to this disease. For a very susceptible variety, such as Jagalene winter wheat, the risk on June 14th was fairly high in some areas of the state. Growers should check the website in the near future as recent rains will increase risk.

# CROPLAND GRASSHOPPERS EMERGING

The beginning of bloom in the common lilac serves as an indicator of when grasshopper hatch is underway. On average, 10 days after common lilac are flowering 75% of the grasshoppers are first stage nymphs and 25% are second stage nymphs. Earlier hatching and faster development is also expected on southern-facing slopes.

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• **DATES FOR YOUR CALENDER:** •  
• **Monday, July 13** •  
• **5:30 p.m.** •  
• **Agronomy Seed Farm Tour** •  
• **Casselton, ND** •  
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Cass County AgAlert is now available on the web at the following site address:  
<http://www.ext.nodak.edu/county/cass/agriculture>

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