

## Flutter by, butterfly



May's exhibit at the Carnegie Arts Center includes this abstract painting of a butterfly by Colby artist Marlene Carpenter. The vivid work mixes bright orange, yellow, blue, red and purple.

Carpenter's other works on display include paintings of monarchs, a western tiger swallowtail, a common buckeye and a Virginia lady. Photo by Sharon Corcoran/The Goodland Star-News

## Should we worry about wheat rust?

There is a great deal of activity to our south, spraying fungicides on wheat. Should we be getting worried in our area?



**jeanne falk**

• agron notes

First, to the south they are spraying for several diseases, leaf rust, tan spot and powdery mildew. Right now, leaf rust is the greatest concern for us.

When we start hearing about leaf rust outbreaks, we start listening to the south. Leaf rust is able to be moved easily in the wind. Dispersal of spores is favored by dry, windy weather.

Three things need to be present for the infection of leaf rust. The first two are the host and the pathogen. We know the leaf rust pathogen is present to the south, and we have been having wind to move the pathogen into our area.

The last thing we need is moisture for the rust pustules to get into the leaves. This can be a light shower or as little as dew in the morning. Daytime temperatures between 65 and 80 degrees favor leaf rust.

So what do we do now? First, it is a good idea to determine the susceptibility of your wheat varieties. Several of our most popular varieties do not have a lot of resistance to leaf rust.

On a scale of 1 to 9, with 1 being highly resistant and 9 highly susceptible, Jagalene, Jagger, and TAM111 are rated as nine for leaf rust. T81 and 2137 are rated as 7. Other varieties are more resistant, such as Stanton as a 2.

Treating with fungicides is an important decision. The growth stage of the wheat at infection is important. The earlier the infection,

the greater the impact on yield.

Losses are greater when leaf rust infects the flag leaf at flowering (30 percent loss with 65 percent flag leaf infestation) than when infection at the soft dough stage (7 percent loss with 65 percent flag leaf infection).

The weather in the next five to 10 days will play a huge role in the potential outbreak. Warmer weather (65 to 80 degrees) with humidity or dew promotes leaf rust development. Finally, the yield potential and economics must be considered. Run the numbers to decide if the fungicide treatment will pay for itself.

Fungicide treatments also differ. There are preventative treatments, providing protection for two to three weeks. These fungicides can be applied until full head emergence, including Headline and Quadris.

There are curative treatments, for when the rust is two to four days old. These include Tilt and Propimax. Finally, there are combination treatments, such as Quilt and Stratego. Both the curative and combination treatments can be applied up to full head emergence, when the supplemental label is in hand during application.

Jeanne Falk is an area crop production and economics specialist for Sherman, Cheyenne and Wallace counties with Kansas State University Research and Extension.

## Choose herbicides to kill broad-leaf or grassy plants carefully

Most people taking care of a yard or garden are familiar with herbicides that can be used to eliminate broad-leaf plants such as dandelions from lawns.

Some may not be as familiar with herbicides that can take grasses out of broadleaf plants like shrubs. There are two major weed killer types used to kill grassy weeds in broadleaf plants.

On the commercial side, the trade



**dana belshe**

• ag notebook

names for these products are Fusilade and Poast. Homeowner labeling is more diverse. Fusilade is sold

under the names like "Grass-B-Gon," and "Grass-No-More Over the Top Spray" and "Over the

Top Grass Killer."

Poast is sometimes sold to homeowners under the Poast label but is

more commonly sold as "Hi-Yield Grass Killer" and "Monterey Grass Getter."

There may be other trade names, too. You can identify the product by the common chemical name listed on the label.

Fusilade's common chemical name is fluzafop, and Poast's is sethoxydim.

If you decide to use one of these products, read the label carefully.

Often, a crop oil must be added to the spray solution for the herbicide to work well.

Though both of these products can be used over the top of numerous broadleaf plants (including iris), be sure to read the label. The plants you want to put it over may not tolerate the product, and that can result in damage.

There are differences in labeling. For example, if you need to control

grasses in strawberries, choose Poast because it has a seven-day waiting period before harvest. Fruit from plants sprayed with Fusilade cannot be used within one year of harvest.

Dana Belshe is agricultural agent for Kansas State University Research and Extension and the Sunflower Extension District, covering Sherman, Wallace and Cheyenne counties.

## matters of record

### District Traffic

The following fines were paid in the Sherman County District Court:

**Nov. 13** — Sabastian R. Nath, \$120 for speeding.

**Dec. 23, 2006** — Miguel A. Escobar-Prado, \$126 for no driver's license, \$54 for speeding and \$80 for unlawful use of driver's license.

**Jan. 30, 2007** — Mark Loussia, \$132 reinstated for speeding.

**Feb. 12** — Chad T. Pickett, \$96 for improper driving on laned road.

**Feb. 16** — Gabriel M. Luquette, \$126 for unlawful acts with vehicles.

**Feb. 18** — Donnie L. Scarbrough II, \$96 for driving too slow.

**Feb. 25** — Jason A. Hostetter, \$126 for speeding.

**Feb. 26** — Abdihakim J. Guled, \$166 for motor carrier safety rules and regulations.

**Feb. 28** — David Rothblatt, \$174 for speeding.

**March 1** — Concepcion Trejo, \$132 for speeding.

**March 3** — Randall R. Reynoso, \$126 for speeding.

**March 9** — Jody L. Gordon, \$165 for speeding.

Alejandro D. Kachirisky, \$201 for speeding.

**March 10** — Robel Y. Bekele, \$219 for speeding.

Frank Martin, \$196 for over weight load.

**March 16** — Barry K. Bertolini, \$126 for speeding.

Brad L. Brown, \$276 for speeding.

Christopher S. Head, \$126 for speeding.

**March 19** — Scott W. Tejada, \$219 for speeding.

**March 20** — William G. Chaplin, \$144 for speeding.

**March 21** — Ignatius B. Hunt, \$276 for over weight load.

Forrest M. Jacks, \$166 for motor carrier safety rules and regulations.

**March 24** — Robert A. Dellamoretta, \$165 for speeding.

J. C. Foster, \$138 for speeding.

Corey J. Sullivan, \$138 for speeding and \$10 for no seat belt.

**March 25** — Wilhena R. Odom, \$138 for speeding.

Jonathan J. Zimny, \$126 for speeding.

**March 26** — Baltazar

Hernandez, \$174 for speeding.

Gary A. Nations, \$126 for no vehicle registration.

**March 27** — Sarah K. Murphy, \$144 for speeding.

**March 30** — Todd R. Patton, \$126 for speeding.

**April 1** — Vinson E. Batie, \$246 for not yielding to emergency vehicle.

**April 2** — James Burness, \$216 for motor carrier safety rules and regulations.

**April 3** — Kim W. Bullis, \$126 for speeding.

Francisco J. Garcia, \$166 for motor carrier safety rules and regulations.

Thorin Ross, \$114 for speeding.

Rebecca R. Townsend, \$126 for speeding.

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