

Row Crop News

Jefferson County Cooperative Extension Service
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SOYBEANS

SOYVA –Variety selection program is ready - Soybean growers wanting to maximize production with the varieties that they have purchased for planting should utilize the U of A Extension computer program to see where their varieties will fit into their planting. By using SOYVA, growers and consultants can find which varieties may not be suited for problem field situations.

Access the SOYVA program online at <http://soyva.uaex.edu/default.asp>. If you need assistance running this program, contact the Jefferson County Extension office or come by the office for a demonstration of the program.

Asian Soybean Rust Sentinel Plots - Jefferson County Extension is privileged to once again be a part of the state and national Asian Soybean Rust Sentinel Plot program. Three varieties were planted at Rob Roy Plantation on April 21. The varieties included: *Morsoy 4485 (maturity group IV)*, *Morsoy 5306 (maturity group V)*, and *Pioneer 96M60 (maturity group VI)*. Agents will begin scouting the plots at the R1 growth stage and send leaves to the Plant Health Diagnostic Lab at Lonoke for determination of whether ASR is noted in the plots.

CORN

State news: Access the latest Corn and Grain Sorghum news at http://www.aragriculture.org/News/corn_sorghum/default.htm. Review the first 2008 newsletter for information regarding freeze damage and plant populations.

Corn Variety Demonstration- Guenther Farms - On April 17, 2008, the Jefferson County Cooperative Extension Service planted 16 plots of corn on Glynn Guenther Farms at Rob Roy Plantation. The varieties included: *Syngenta N78N*, *Dekalb DKC63-42*, *Belle 1646RY*, *Pioneer 31P42*, *Syngenta N70-C7*, *Dyna-Gro 57V05*, *Terral TV25BR71*, *Pioneer 33M57*, *Croplan 6831TS*, *Pioneer 32B29*, *Croplan 6818VT3*, *Croplan 851VT3*, *Croplan 7505VT3*, *Croplan 6986TS*, *Croplan 818TS*, and *Croplan 6886VT3*. The plots are adjacent to Rob Roy Road and are in the same field as the plots from last year.

RICE

DD50 Program Ready - The 2008 Rice DD50 program is now updated and on the website. The link to access the program is <http://dd50.uaex.edu/dd50Logon.asp>. You can find it on the left column under the category "**Agriculture**." From there, click on "**Rice**" and then "**Computer Programs**." If you have any questions, please feel free to contact us at 870-534-1033. There is also a link to the **DD50 Users Guide**, which contains information about different program options.

As a reminder, follow these steps for logging in to DD50:

1. **Individual producers and/or consultants** should first enroll into the program by selecting the link for **"New User? Enroll now."** **Previous users of the program will have to re-enroll for the 2008 season.**

2. After enrolling, enter your **login name** and **password on the "University of Arkansas Cooperative Extension Service DD50 Log in"** screen. Then select the link for **"Producer Log-in."** In the event that a password is forgotten, it will be sent to the participant's e-mail address (which must be entered into the log-in box) by selecting the link for **"Forgotten Password? Email My Password to Me."**

*Following these steps should allow you access into the DD50 program.

Three new varieties have been added to the program for 2008. These include **Bowman, Rice Tec CL XP 745, and Rice Tec XP 744.** If you have any questions, please contact Becky Bridges at bbbridges@uaex.edu or Chuck Wilson at cwilson@uaex.edu.

RICESEED COMPUTER CALCULATIONS

The updated version of **RICESEED** is now online at the following link:

<http://riceseed.uaex.edu/riceseedIntro.asp>

The easiest way to get to it from our website (www.uaex.edu) is to follow these steps: (1) Click on **"Agriculture"** from left column. (2) Click on **"Rice"** from the left column. (3) Click on **"RICESEED"** located in the center list. This program will calculate optimum seeding rates for most varieties and give the results in bushels per acre, pounds per acre, seeds per square foot, and seeds per row foot.

Rice prices on futures market - Reporters are calling wanting to know about the price of rice, the reason for a couple of large chains putting limits on the amount of rice people can purchase, and just exactly what is going on in this area. Some rice growers are re-thinking their earlier production plans, and some are now increasing rice acres due to unheard-of prices on the futures market. Prices for rough rice this year are about double the prices of last year.

WHEAT

Diseases - We have been seeing more and more incidence of Barley Yellow Dwarf showing up in wheat fields in addition to more wet soil areas/potholes where Downy Mildew is killing plants. These diseases cannot be controlled by fungicides.



Above photo: BYD with reddened, purpled or yellowed leaves - Usually seen in disc-shaped or circular patterns. Infections are spread by aphids in wheat. Spring infections don't often result in lowered yields, but heavy infections may cause premature leaf desiccation and incomplete grain fill.

Coupled with the two aforementioned diseases is the fact that weather is not slowing down the incidence of Stripe Rust, leaf rust infections or the Septoria Leaf Blotch problems recently noted. These fungal diseases can be controlled by fungicides. **Better yet, the rusts may be controlled by variety selection, which is much cheaper than fungicides!!!** Do a good job of selecting against leaf and stripe rust this coming fall, and save dollars for 2009.

Insects of Wheat - There are reports of Hessian Fly problems in wheat in Tennessee and in Louisiana.

COTTON

Cotton Variety Selection Program - For those planting the few acres we have of cotton in Jefferson County for 2008, the University of Arkansas has released a brand new COTVAR variety selection program. This program includes data from many southern states. Review this program at: <http://cotvar.uaex.edu/intro.asp>

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