

# WEST PLAINS IPM UPDATE

News about Integrated Pest Management in Hockley and Cochran Counties

Volume 12 - No. 1

KERRY SIDERS, EXTENSION AGENT - IPM

April 23, 2007

## **IN THIS ISSUE:**

- \* West Plains IPM Update
- \* IPM Scouting Program
- \* Sticking to the Basics in 2007
- \* Successful Weed Control
- \* Newsletter Subscription

### *2007 West Plains IPM Update*

*WEST PLAINS IPM UPDATE* is a newsletter which provides news of insect, weed and disease pests, and crop management suggestions for Cochran and Hockley Counties. The newsletter is written weekly during the growing season, from June through September. The newsletter will keep you abreast of current pest activity, natural enemies, biological and cultural control tactics, and chemical control options. The newsletter will cover cotton and other major crops grown in Hockley and Cochran counties during 2007.

You will have four options to obtain the newsletter:

#### #1 Paper Copy by Mail for \$10

#### #2 Free E-Mail Newsletter

#### #3 Free Internet Newsletter

The newsletter can be obtained, no charge, on the web sites: <http://hockley-tx.tamu.edu> ,  
<http://lubbock.tamu.edu/ipm> or  
[www.tpma.org](http://www.tpma.org)

#### #4 Free Fax Newsletter

Complete the subscription card enclosed and return.

### **Hockley and Cochran IPM Scouting Program**

1. Field Scouting for insect, weed, and disease pests in cotton, peanuts, grain sorghum, sunflowers, etc.
2. Scouting on a 5-7 day scheduling interval.
3. Individual field pest report provided.
4. Management suggestions with emphasis on proactive IPM methods.
5. Management suggestions available upon request for irrigation, harvest aids, and other agronomic considerations.
6. Fall soil sampling for cotton root-knot nematode management suggestions.
7. Irrigated cotton or peanut scouting is \$5.50 per acre. Pricing for dryland and other crops available.
8. Prorated refunds of scouting fees for loss of crop due to natural causes.
9. Contact Kerry Siders, Extension Agent-IPM for more information at 894-2406(office) or 638-5635(mobile).

### **Hockley and Cochran Moisture Monitoring Program**

1. Moisture monitoring of fields on a routine basis.
2. Record of moisture provided with management suggestions.
3. Monitoring cost \$2 per acre for fields enrolled in scouting program, and \$3 per acre for those not enrolled.
4. This will help determine when to turn water on, how much, and when to terminate in fall.
5. Contact Kerry Siders, Extension Agent-IPM for more information at 894-2406(office) or 638-5635(mobile).

## **Please Consider This:**

\* Sprayer calibration will ensure proper rate of crop protection chemicals, good coverage, management/control of the pest, and efficient use of input cost.

\* Remember the goal of protecting crops from pests (weeds, insects & disease) is to limit yield loss, not to increase yields.

\* The use of Roundup Ready is no substitute for a good base herbicide program consisting of a preplant incorporated and at-plant preemergence herbicides.

\* The use of Bollgard does not excuse you from checking your crop for worms on a weekly basis.

\* The advice of a professional consultant on a weekly basis is even that much more important in time of economic concern and maximizing necessary production inputs.

## **STICKING TO THE BASICS IN 2006**

- Use minimum tillage where feasible
  - reduced tillage on dryland
  - cover crop/reduced tillage on irrigated
- Fertilize for realistic yield goal
- Variety selection - adaptability, storm proofness, value added traits based on need, disease tolerance
- Plant density - on 40" use 2-5 seed/foot with dryland at low end, irrigated high
- Soil temp 65° F for 10 days at 8"
- Do not cut thrips control and nematode control
- Use appropriate weed control program, do not skimp on this one
- Get most from available water- furrow diking a must
- Timely irrigation is a must
- Be very careful in use of plant growth regulators if at all
- Pray for rain, low costs, and higher commodity prices

## **PESTICIDE APPLICATORS LICENSE TRAINING**

Texas Cooperative Extension in Hockley County will offer private pesticide applicator training to obtain a Texas Department of Agriculture pesticide applicators license on the second and fourth Thursday of every month, except holidays. A private pesticide applicator is a person who uses or supervises the use of a restricted-use or state-limited use pesticide or a regulated herbicide for the purpose of producing an agricultural commodity. This license is not for those receiving monetary compensation for pesticide application.

To participate in a training, individuals must call 806 894-3159 by 3 p.m. the day before (Wednesday).

Training on the 2nd and 4th Thursdays will begin promptly at 1 p.m. at the Extension office, 1212 Houston Street, Levelland. A \$20 fee for training materials will be required.

## **Result Demonstration Handbook**

If you would like to obtain the latest compilation of research projects from 2006 in Hockley and Cochran Counties give us a call.

*West Plains IPM Update* is a publication of the Texas Cooperative Extension IPM Program in Hockley and Cochran Counties.

Editor: Kerry Siders, Extension Agent-IPM

Production: Patty Barron

Contact information: 1212 Houston St., Suite 2 Levelland, TX 79336 (806) 894-2406 (office),

638-5635 (mobile), or 897-3104 (Fax)

ksiders@tamu.edu (E-mail),

<http://hockley-tx.tamu.edu> (County website)

[www.tpma.org](http://www.tpma.org) (TPMA website)

Educational programs conducted by Texas Cooperative Extension serve people of all ages regardless of socioeconomic level, race, color, sex, religion, handicap or national origin. The information given herein is for educational purposes only. References to commercial products or trade names is made with the understanding that no discrimination is intended and no endorsement by Texas Cooperative Extension is implied.

The Texas A&M University System, U.S. Department of Agriculture, and the Commissioners Courts of Texas Cooperating

SUBSCRIPTION FORM FOR  
WEST PLAINS IPM UPDATE NEWSLETTER

Name: \_\_\_\_\_

**BY MAIL** Mailing Address: \_\_\_\_\_

**\$10 FEE** City, State, Zip: \_\_\_\_\_

**OR**

**BY E-MAIL** E-Mail Address: \_\_\_\_\_

**FREE**

**OR**

**BY FAX** Fax Number: \_\_\_\_\_

**FREE**

*If you are interested in the scouting or moisture monitoring program provide me with a telephone number so I can call and visit with you about it. Telephone number you can be reached at: \_\_\_\_\_*

Please place this form, along with check made payable to TCE Account 233100 if you want paper copy by mail, in a stamped envelop and return to:

**Kerry Siders**  
**1212 Houston Street, Suite 2**  
**Levelland, Texas 79336**