

Texas Department of Agriculture



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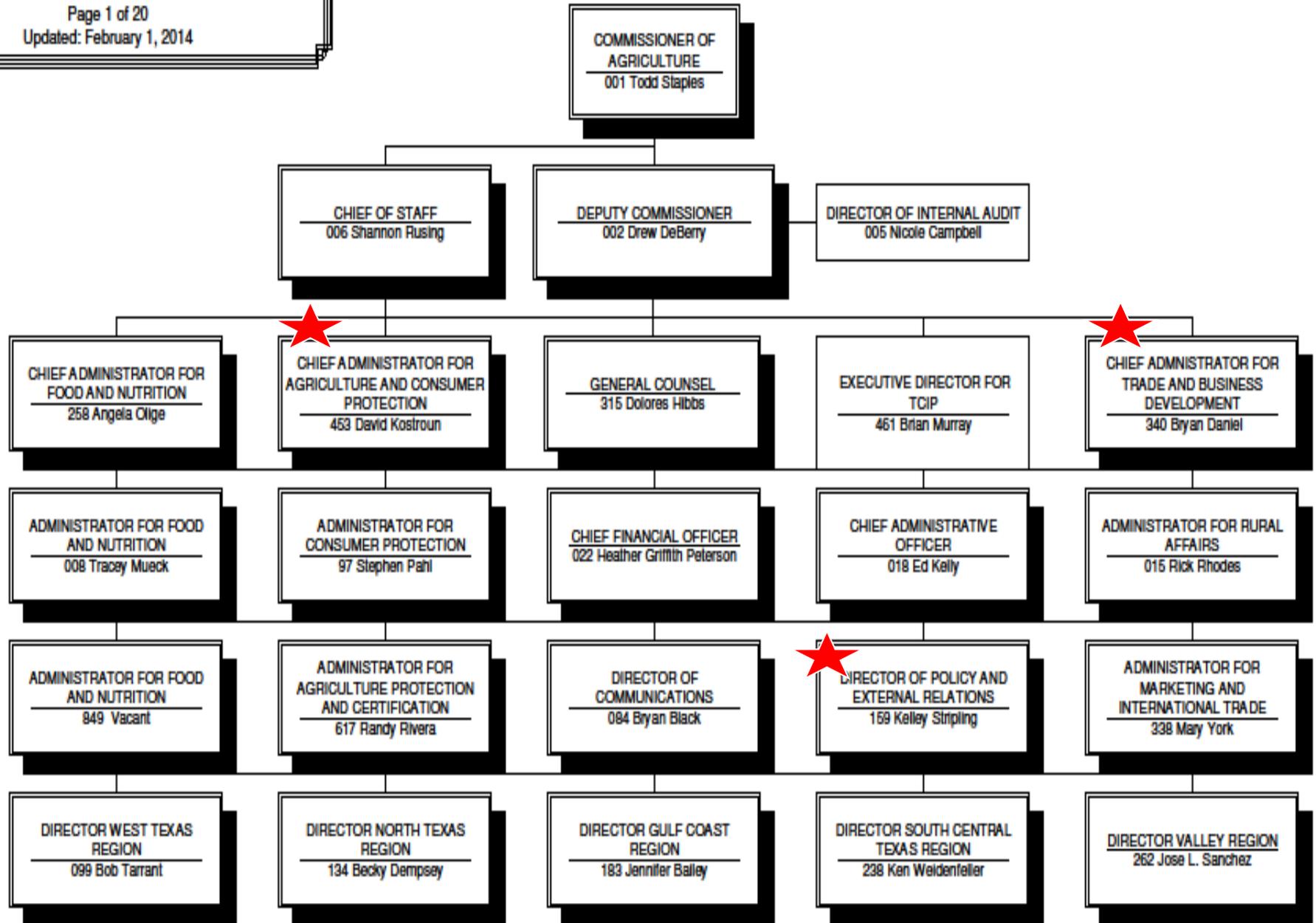


TDA Mission Statement

Partner with all Texans to make Texas the nation's leader in agriculture, fortify our economy, empower rural communities, promote healthy lifestyles, and cultivate winning strategies for rural, suburban and urban Texas through exceptional service and the common threads of agriculture in our daily lives.

Senior Staff

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Agriculture and Consumer Protection Division

Pesticides in the Environment



Must Read and Have Label
Before Applying



FIFRA Rules Administered

Section 3

**Federally Approved
Registration**

Section 24(c)

Special Local Need

Section 18

Emergency Exemptions

Section 5

Experimental Use Permit

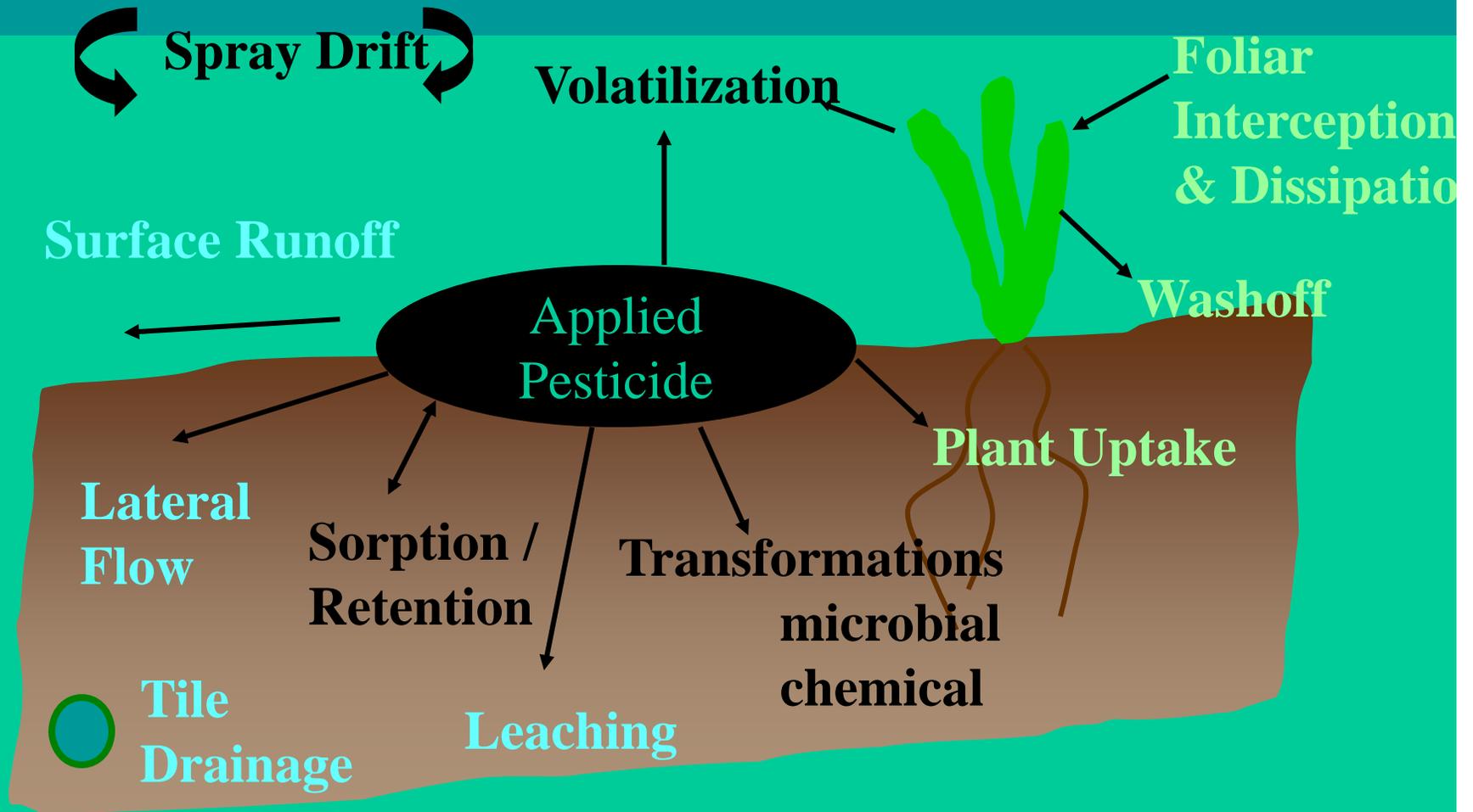
Section 2ee

Special Recommendations

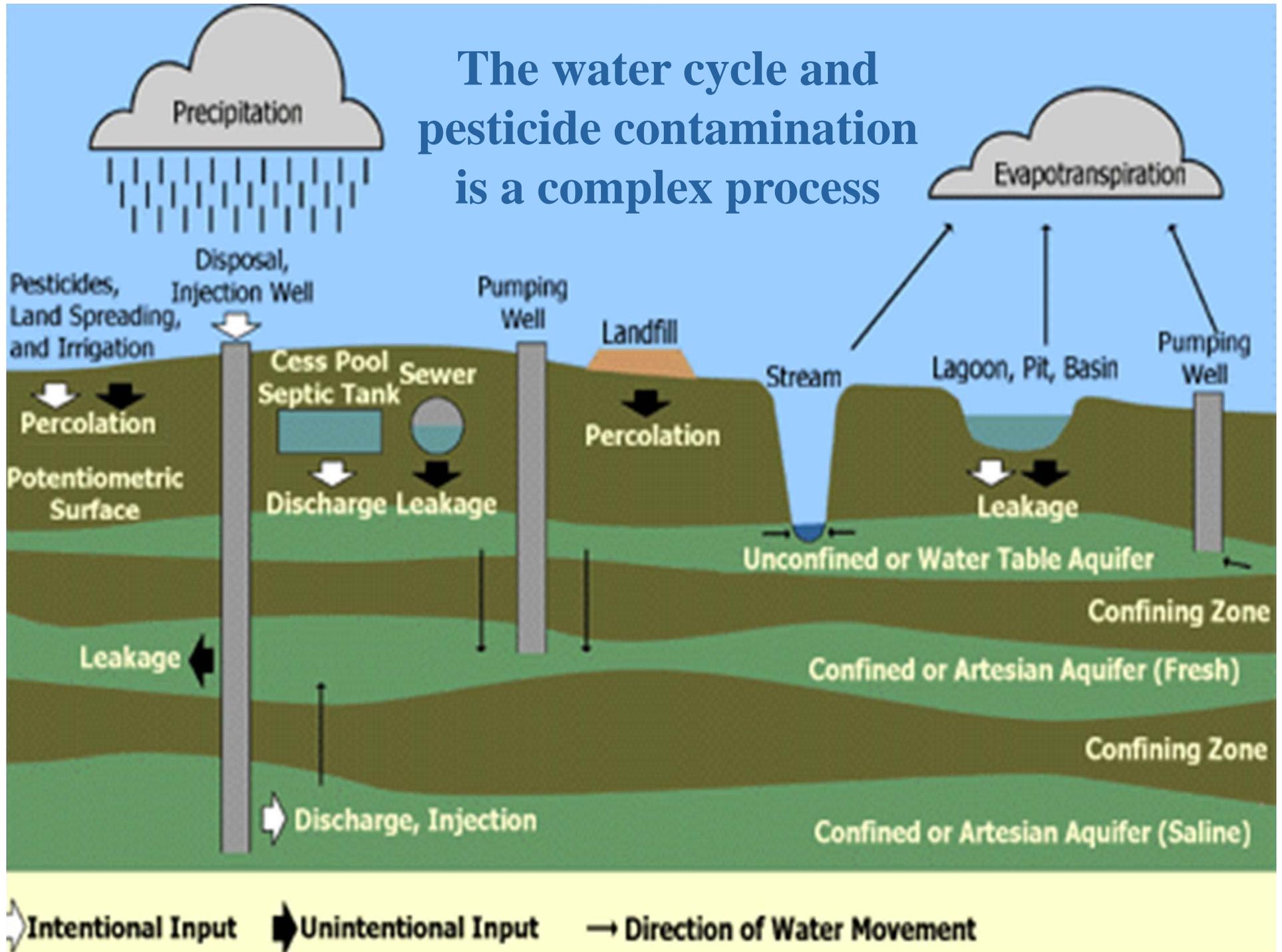
Section 25(b)

**Exempt from Federal &
State Registration**

General Fate of Pesticides



The water cycle and pesticide contamination is a complex process





Pesticides: Endangered Species Protection Program



[Recent Additions](#) | [Contact Us](#) Search: All EPA This Area

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- Environmental Effects Home
- Endangered Species Protection Program Home
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- Frequent Questions
- Species Information
- Bulletins Live!
- Risk Assessment Process
- Effects Determinations
- For Kids:
 - Coloring Book
 - Poster

Endangered Species Protection Bulletins

Endangered Species Protection Bulletins are a part of EPA's Endangered Species Protection Program. Bulletins set forth geographically specific *pesticide use limitations* for the protection of endangered or threatened species and their designated critical habitat. You can obtain Bulletins using EPA's [Bulletins Live!](#) system.

If your pesticide label directs you to this Web site, you are required to follow the pesticide use limitations found in the Bulletin for your county, pesticide active ingredient and application month.

EPA's Bulletins contain the following information:

- Map of the county to which it applies
- Description of the species being protected
- Pesticide(s) of concern
- Pesticide use limitations
- Month for which the Bulletin is valid

The term "county" refers to counties, parishes and municipios found within the United States and its territories.

Important notes

- Bulletins may be accessed up to six months prior to pesticide application. Be sure that you follow the correct Bulletin for the month of your pesticide application.
- When referenced on a pesticide label, Bulletins are enforceable use limitations under FIFRA.
- The pesticide use limitations found in [Bulletins Live!](#) are part of EPA's federal program to protect listed species. Your state may have pesticide use limitations beyond those found in your Bulletin. Bulletins are not intended to replace or override any restrictions that your state may impose. You need to be aware of and follow pesticide use limitations in your area by both the state AND federal EPA requirements.



Go to [Bulletins Live!](#)

QUICK START:

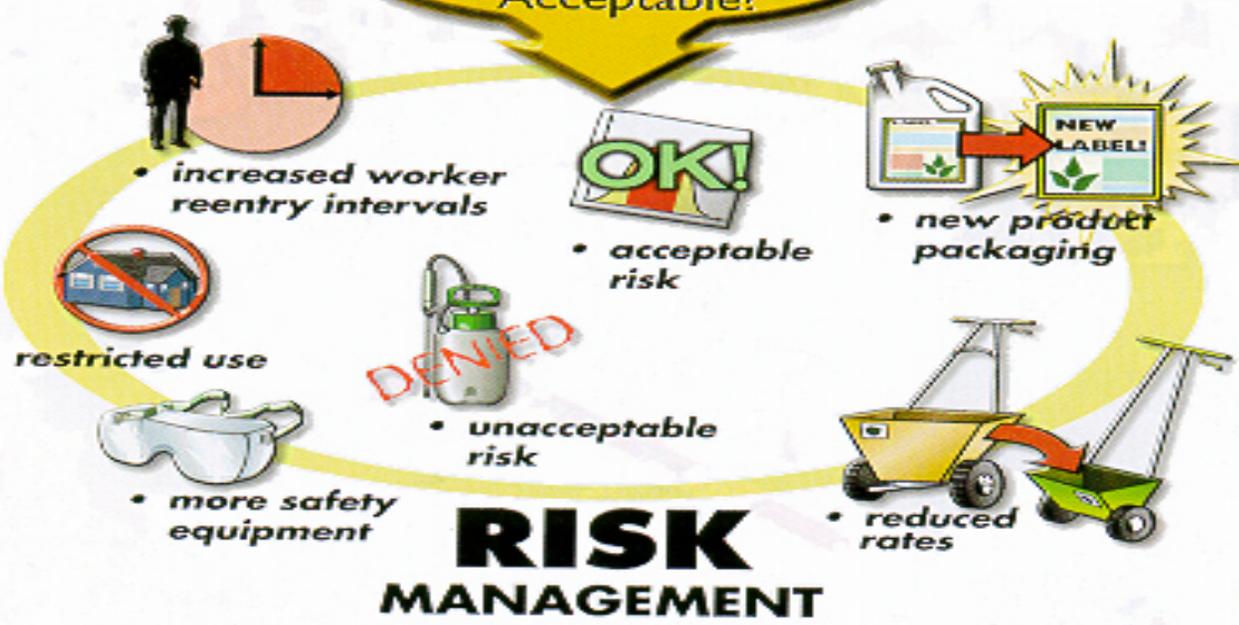
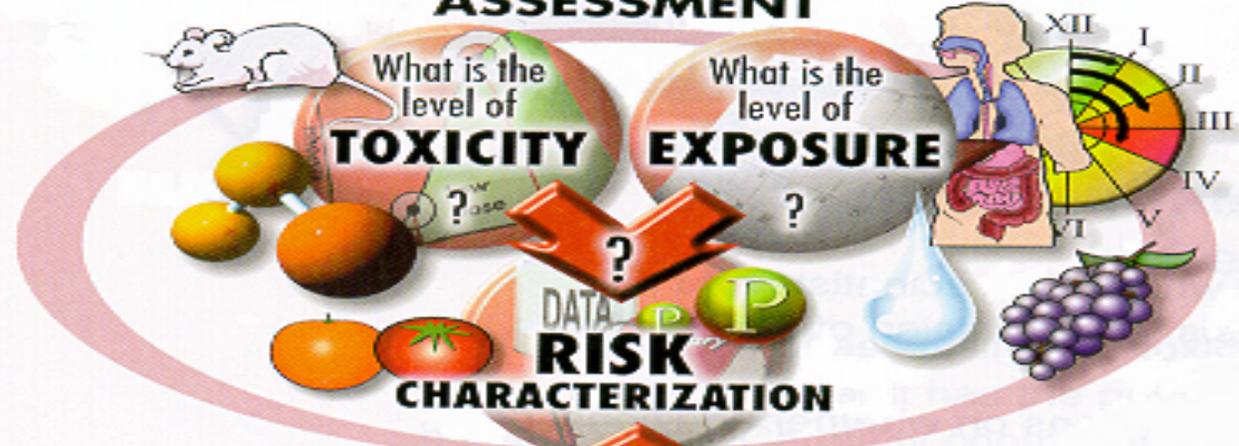
1. Click the [Bulletins Live!](#) link above to enter the system.
2. Select your state and county.
3. Select the month of pesticide application.
4. Follow the numbered steps found in the Bulletin.
5. To print your Bulletin, click the print button at the bottom of the Bulletin. This will open a print version (a PDF file) for you to print an official copy.

EPA recommends taking the [Tutorial](#) (6 pp, 431 K, [about PDF](#)) for a demonstration of [Bulletins Live!](#) before using the system for the first time.

Acute Pesticide Toxicity Categories

•Hazard Indicator	•I	•II	•III	•IV
•Toxicity	•Severe	•Moderate	•Slight	•Very Slight
•Oral LD50	•Up to 50 mg/Kg	•50-500 mg/Kg	•500-5000 mg/Kg	•>5000 mg/Kg
•Inhalation LD50	•Up to 0.2 mg/liter	•0.2 -2.0 mg/liter	•2 - 20 mg/liter	•>20 mg/liter
•Dermal LD50	•Up to 200 mg/Kg	•200-2000 mg/Kg	•2000-20000 mg/Kg	•>20000 mg/Kg
•Eye Effects	•Corrosive, non-reversible	•Corneal opacity reversible 7d	•Irritation reversible 7d	•No eye irritation
•Skin Effects	•Corrosive	•Severe irritation 72 hrs.	•Moderate 72 hrs.	•Mild or slight 72 hrs.

RISK ASSESSMENT



The risk from using pesticides to control old and new pests continually has to be evaluated

Biosecurity/ Plant Programs

- Nursery/Floral Licensing (Ag Code 71, 4 TAC 22)
- Phytosanitary Inspection (Ag Code 71, 4 TAC 19-21)
- Export Certification (State and Federal)
- Quarantine Inspection (Ag Code 71, 4 TAC 19-21)
- Post-entry Inspection (7 CFR 319.37) – Propagative material
- Road Station Inspection (Quarantine, State & Federal)
- Market Blitz Inspection (Quarantine, State & Federal)
- Pest Monitoring, and Surveys (CAPS, State Quarantine)
- USDA-APHIS Permits:
 - Plant Pests & Noxious Weeds (PPQ 526)
 - Soil (PPQ 525A)
 - Post-entry Permits (PPQ 546)
 - Import (PPQ 488)

Citrus Greening
&
Asian Citrus Psyllid



Fruit drop in Florida

*Candidatus Liberibacter
asiaticus*



• *Diaphorina citri*

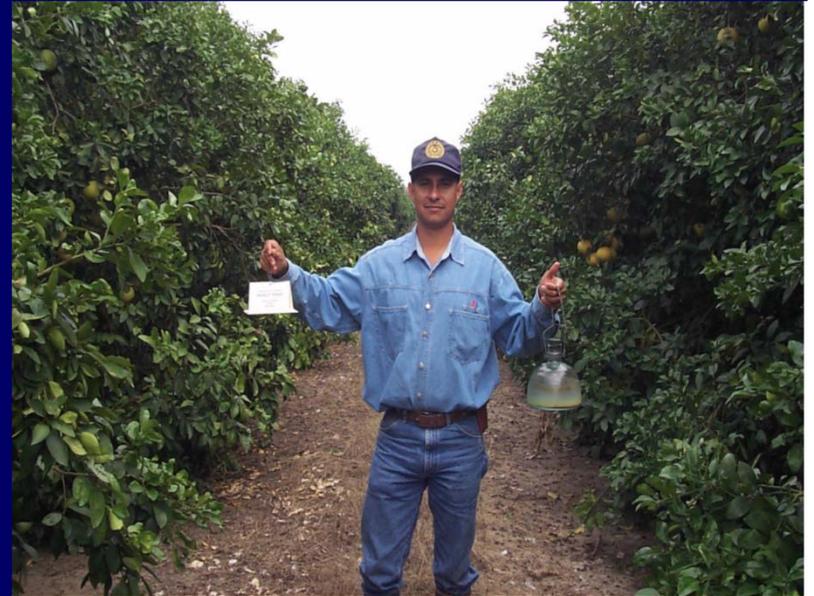


• Deformed fruit



FRUIT FLY QUARANTINE

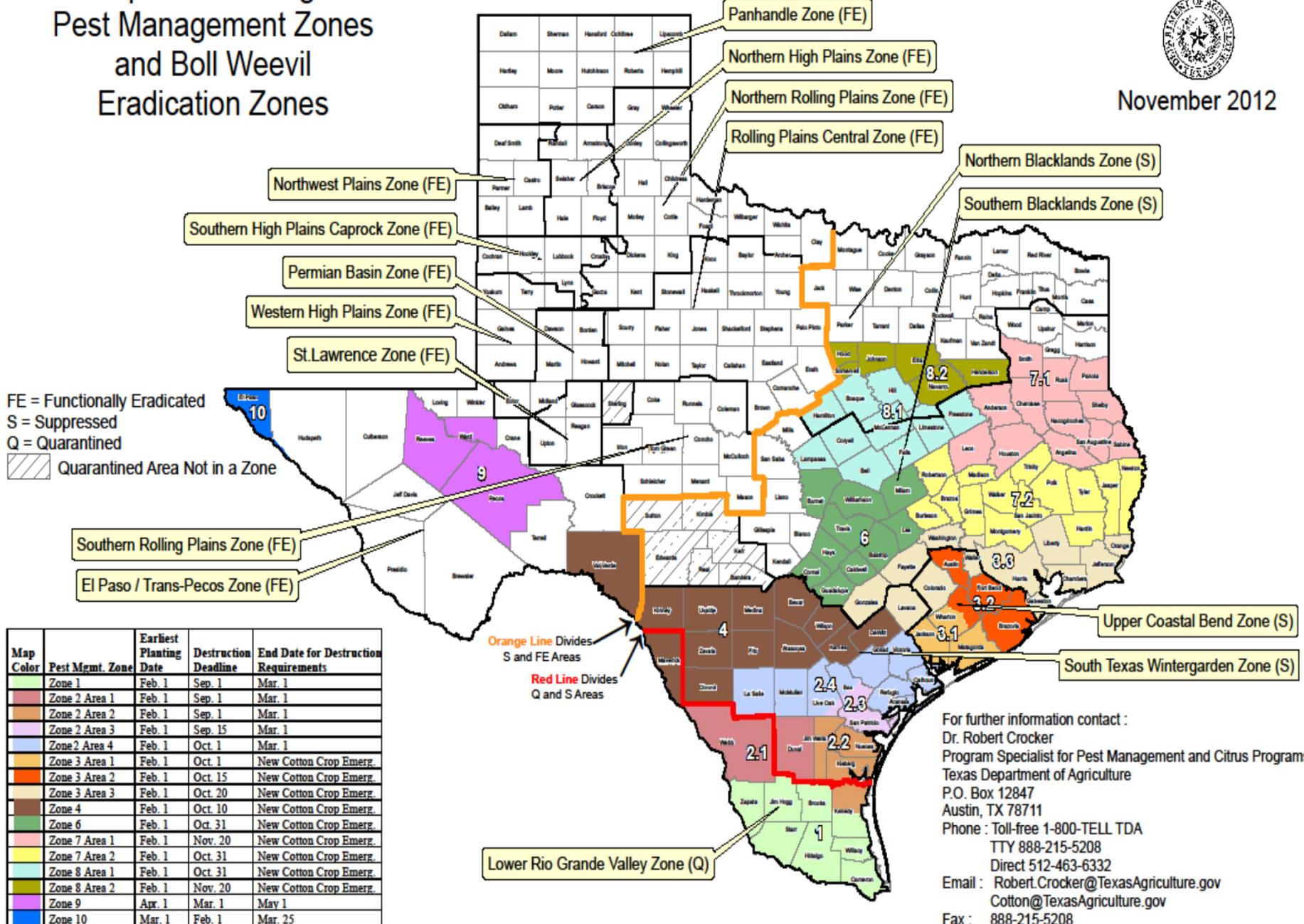
Mexican Fruit Fly
Mediterranean Fruit Fly
Caribbean Fruit Fly
Serpentine Fruit Fly
Sapote Fruit Fly, etc.



Texas Department of Agriculture Pest Management Zones and Boll Weevil Eradication Zones



November 2012





Trade and Business Development Division

Feral Hog Facts

Texas AgriLife Extension estimates:

<http://feralhogs.tamu.edu/frequently-asked-questions-wild-pigs/>

- 4 to 5 million feral hogs in the United States, approximately 2 million in Texas
- Feral hogs can be found in approximately 230 of our 254 counties
- Cause an estimated \$52 million of damage to Texas agricultural enterprises each year
- Feral hog population is increasing 18-20% per year in Texas



Feral Hog Grants - Programs funded at TDA:

- Feral hog abatement/management through Texas A&M AgriLife Extension – Wildlife Services
- Research of toxicants with Texas Parks and Wildlife Department
- County grants programs such as Hog Out and County Hog Abatement Matching Program (CHAMP)
Funding for counties is expected to continue in some form.

More than \$4 million has been appropriated to TDA for feral hog abatement since 2006

Funding Breakdown

- Texas Wildlife Services: historically takes 21,000 – 25,000 hogs per year with TDA grant funds. Average price/hog is over \$20.
- Hog Out County Grants: over 3 years, the Hog Out grants resulted in over 30,000 hogs taken with an average cost/hog of less approximately \$5.
- County grants encourage partnerships between local counties, landowner, and private and non-profit business.
- 37 Counties participated in the Hog Out Challenges between 2010 - 2013

USDA Specialty Crop Block Grant (SCBG)

- The SCBG is designed to solely enhance the competitiveness of specialty crops which is defined as fruits and vegetables, dried fruit, tree nuts and nursery crops (including floriculture).
- TDA accepts applications from industry groups, associations and other entities for projects related to marketing, plant health, food safety, nutrition and value added initiatives. Plant health specifically includes projects that can address the following as they relate to specialty crops:

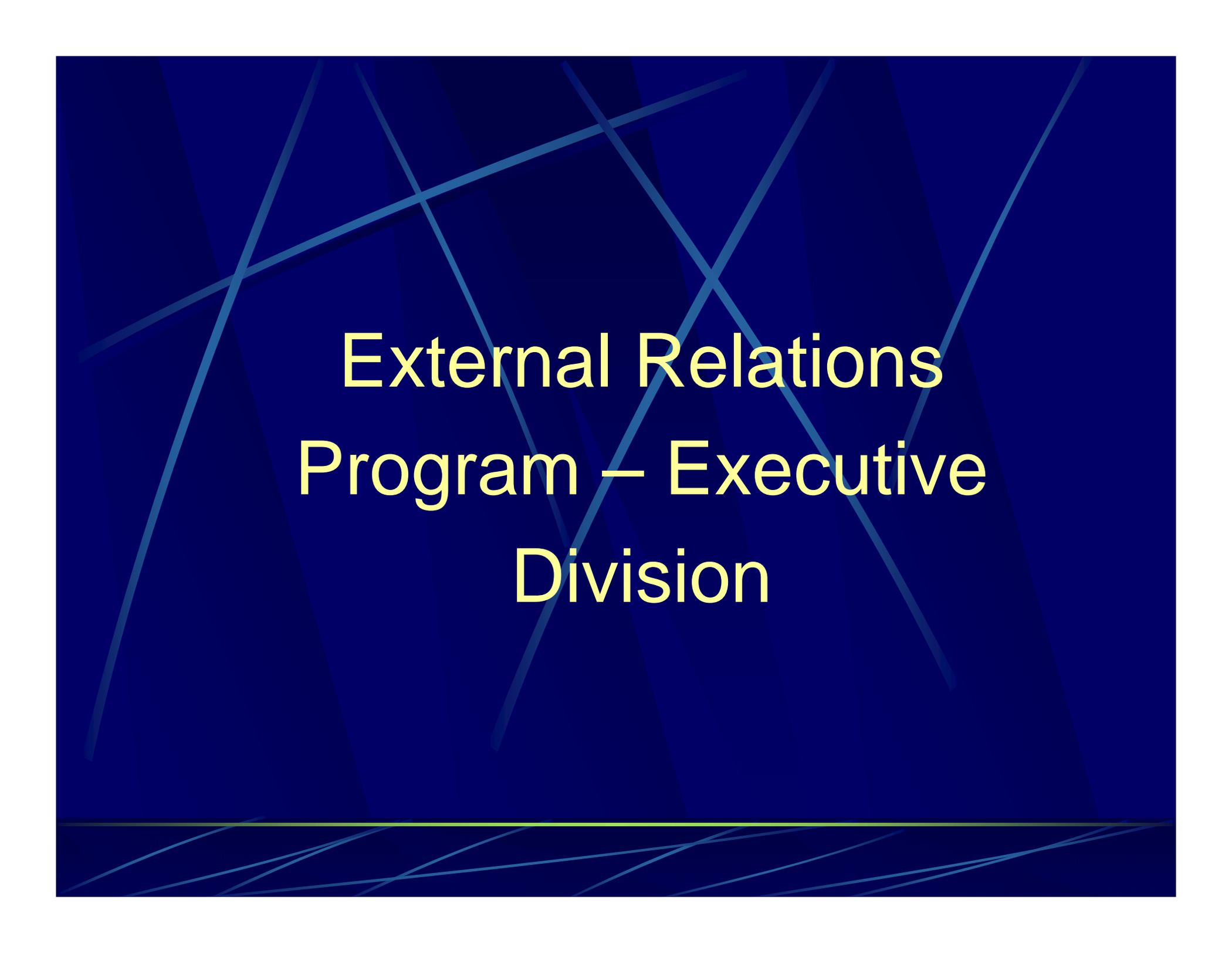
Environmental Concerns and Conservation with SCBG

Encourage projects that:

- Evaluating water use efficiency in regards to current drought conditions and for climate change adaptation
- Assisting growers to adapt to climate change by conducting research and demonstrating the implementation of strategies where technologies are already available - especially water use efficiency and invasive pest detection, control and management
- Accelerating implementation of Best Management Practices (BMP) for water conservation and efficiency, including development of a BMP manual for specific specialty crops

During the 2013 funding cycle, TDA awarded funds to the following water conservation projects:

1. Water Smart Resource Management Campaign to ensure Specialty Crop Sales
2. Educating the Specialty Crop Industry on Best Practices for Water Conservation in Business and with Consumers
3. Outreach and Education of Irrigation Conservation Methodologies for Texas Fruit & Vegetable Growers
4. Conserving Water in Rural and Urban Vegetable Farming



**External Relations
Program – Executive
Division**



TDA's Hay Hotline helps agricultural producers locate forage and hay supplies for sale.



[Hay Hotline Home](#)

Contact Information

Hay Hotline Toll Free Number

(877) 429-1998

TDA Main Line

(512) 463-7476

E-mail

HayHotline@TexasAgriculture.gov

Hay Hotline Services

HAY INFORMATION

- [Search for Hay](#)
- [Register Hay for Sale or Donation](#)
- [Update Hay Listing](#)
- [Cancel Hay Listing](#)
- [Hay Value Calculator](#)
- PASTURE INFORMATION**
- [Search for Available Pasture](#)
- [Register Available Pasture](#)

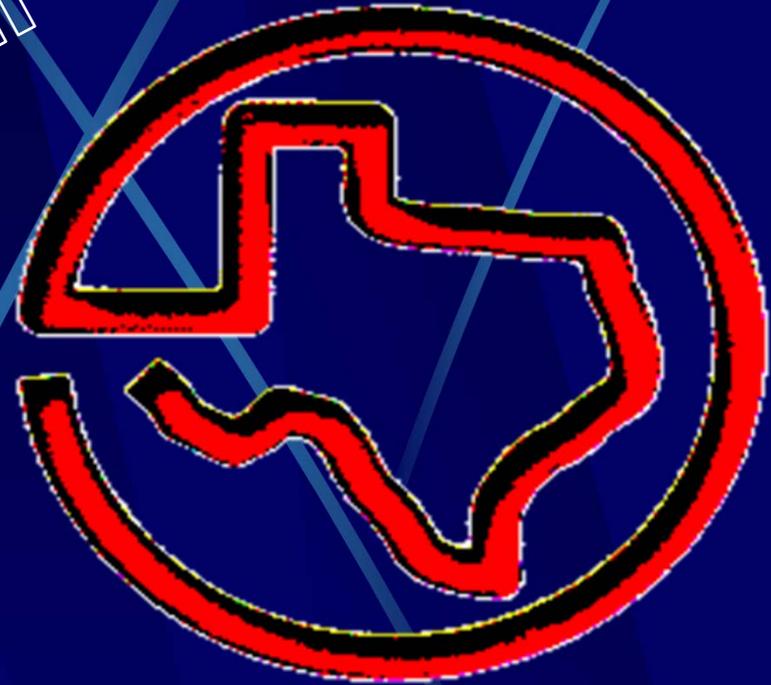
Hay Transportation Services

- [Search for Hay Haulers](#)
- [Register Hay Hauling Services](#)
- [Transportation Waivers/Information](#)
- [Transporting Hay by Railroad](#)
- [Transportation Exchange Websites](#)
- [Hay Hauling Calculator](#)

Hay Hotline General Information

- Resource to bring buyers/sellers of hay together.
- Automated System – Seller inputs information and has control to edit or cancel ad in the future. Ad valid for 90 days unless edited.
- List types of hay, sizes, prices, quality and logistics for picking up/shipping, etc.
- Hay Hauler Listings
- Pasture Listings, Hay Waivers, Hay Markets
- Can limit search by county in a particular state or do a nationwide search.

For More Information



Call the Texas Department of Agriculture at 1-800-TELL-TDA.

TexasAgriculture.gov

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That's All Folks!!

