

Common Winter Weeds in Pastures and Hay Meadows

Buttercup (*Ranunculus* spp)

Spray buttercup in late February or early March before it flowers. This weed is easily controlled with 2,4-D amine, Metsulfuron 60 DF, Cimarron Plus, Grazon P+D, GrazonNext HL and dicamba + 2,4-D (Weedmaster). In dormant bermudagrass/bahiagrass glyphosate (Roundup) will control buttercup at normal use rates.



Buttercup growing in a ryegrass pasture



Mature Texas Groundsel

Groundsel

(*Senecio* spp)

Metsulfuron 60DF or Cimarron Plus has proved to be the most effective herbicide for groundsel control. Apply in the rosette stage (~March). Grazon P+D provides partial control.

Red Sorrel (*Rumex acetosella*)

Grazon P+D provides excellent control of red sorrel. Metsulfuron or Cimarron Plus is also very good. Treat anytime the red sorrel is actively growing. Remedy Ultra is not effective on red sorrel.

Thistles

Although there are at several different species of thistle in Texas, most are closely related and control recommendations will not differ. **Best time to control with a herbicide is when thistles are in the rosette stage. The rosette stage is when the thistle forms a low-growing ring of leaves.** As they mature they are harder to control and may require higher rates of herbicide to have effective control. Grazon P+D, GrazonNext HL and dicamba + 2,4-D (Weedmaster) provide excellent control of thistles.



Thistle in rosette stage

Dandelions (*Taraxacum* spp)

[Photographs of Dandelions](#)

The key to effective control is spraying while dandelions are in the rosette stage of growth (before the flower stalk appears). 2,4-D or 2,4-D + dicamba (Weedmaster) can provide excellent control. Metsulfuron 60 DF or Cimarron Plus are also very good options.

Vanessa Corriher-Olson
Forage Extension Specialist
Soil & Crop Sciences
Overton, TX

CEU & PESTICIDE / HERBICIDE NEWS

USE OF PARAQUAT PRODUCTS:

Training is being required by the EPA for the use of any paraquat product. This training is strictly online, and the training module can be accessed at: <https://campus.extension.org/enrol/index.php?id=1660>. This training applies to all paraquat applications, and to use you must be a licensed applicator. The word “use “in this rule applies to all activities occurring before applications (mixing & loading), applying the pesticide, and other related activities including, but not limited to storage of open containers, transporting open containers, cleaning equipment, disposing of excess pesticides, spray mix, wash water, pesticide containers, and any other materials containing paraquat

UPCOMING EVENTS, PROGRAMS, MEETINGS – See Flyers Below

01/13/2023 – Private App Training – 8:30 am till noon \$75

- @Navarro County Extension Office, Contact the office with any questions

01/16/2023 – Office Closed

01/19/2023 – Ag Committee Meeting – 7:00am

- @Rice Cafe, Contact the office with any questions

01/26/2023 – Forage Update – 6:00 pm

- Via Teams (welcome to come sit in office) Contact the office with any questions

02/23/2023 – Beef Cattle 101 – 6:00 pm

- Via Teams (welcome to come sit in office) Contact the office with any questions

HOW TO CONTACT US

Find us online: <https://navarro.agrilife.org/>

Find us on Facebook: @NAVCOANR

Call us: 903-654-3075

Email us: Andrew.lewis@ag.tamu.edu

Give us a call or email to get added to our email and mailing list.

The members of Texas A&M Agrilife Extension will provide equal opportunities in programs and activities, education, and employment to all persons regardless of race, color, religion, sex, religion, national origin, age, disability, genetic information, veteran status, sexual orientation, or gender identity and will strive to achieve full and equal employment opportunities through Texas A&M Agrilife. The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating.

All East Texas Regions:

Because drought and clod weather can slow the growth of forages, livestock on winter pasture may need to be supplemented with hay.

Stockpiled bermudagrass/bahiagrass:

- Use stockpiled forage by mid-January.

Ryegrass Only:

- It may be possible to graze at a low stocking rate if temperatures do not rise above 50F at night and there is enough moisture for adequate forage growth.
- Pastures may be available for grazing from late December to February, depending on the latitude. Ryegrass production begins earlier in southern Texas

Small grain and ryegrass:

- Graze prepared seedbed and no-till pastures. Use a low stocking rate or provide hay.

Blackland Prairies:

Ryegrass or ryegrass-clover sod-seeded:

- Pastures may be available for grazing from late December to February, Depending on Latitude.

Small Grain and ryegrass:

- Graze prepared no-till pastures. Use a low stocking rate or provide hay.

The information above is taken from the AgriLife Extension Eastern Texas forage Calendar. The calendar is compiled by our Forage specialist Dr. Vanessa Corriher – Olsen. If you have any questions, please do not hesitate to contact me at the office 903-654-3075

Navarro County Ag News and Notes

Gardening Tips, Tricks, and Times

Information sourced from TAMU websites, Neil Sperry, and other Extension Resources

January 2023

What To Plant

- Seeds for transplanting into vegetable and flower gardens
- Tulips, Dutch hyacinths, and other spring bulbs
- Cool Season Annuals: Pansies, pinks, snapdragons, ornamental cabbage, and kale
- Locally recommended fruit and pecan trees, grapes and blackberries from containers or as bare rooted plants

What to Trim

- Crape Myrtles and other summer-flowering shrubs. (Do not commit crape murder)
- Shade Trees. Remove dead or damaged branches. Have a certified arborist remove branches that are large or higher in trees.
- Mistletoe. No effective consumer sprays and waiting will cause more issues. Better to tackle while small and manageable.
- Peaches and plums. Remove strongly vertical shoots and encourage horizontal branching. Maintaining bowl-shaped trees 10 or 12 feet tall
- Pears, pecans, figs, and pomegranates need little pruning except to remove damaged or dead branches.

What to Feed

- Winter Annual Color Plants. Apply diluted, water soluble, high nitrogen food to flower beds every two to three weeks during warm spells.
- Greenhouse and Houseplants with diluted high nitrogen, water soluble fertilizer weekly.

What to do

- Clover, dandelions, henbit, chickweed, and other non-grassy winter weeds can be controlled with an application of a broadleaf weedkiller. Always follow label directions carefully.
- Tackle scale insects found on crape myrtles, hollies, oaks, pecan, and fruit trees with horticultural oil spray. Read and follow label directions.
- Good time to get mowers and other law equipment services and tuned up for this spring.
- Start planning your landscaping and garden layout.
- Have soils tested.
- Water during dry spells. Cold damage is more severe for plants that are dry.
- Keep frost cloth at the ready. Can offer 4 - 8 degrees of protection and reusable

Keynote Speaker



Dr. Don Renchie

Texas A&M University System
Professor, Extension Program Leader and Coordinator—Pesticide Safety Education Program

A 5th generation native of Bryan, Texas, Don grew up participating in Brazos County 4-H programs. He participated in broiler projects, on the rifle and public speaking teams at the county and district levels. Don was also a participant in the "Upward Bound" and "Junior Air Force ROTC" programs while in high school.

After high school, Don attended Prairie View A&M University, where he received his B.S in Animal Science and M.S. in Agricultural Education. In 1998, he received his Ph.D. in Agricultural Education from Texas A&M University. From 1984 until 1993, Don worked in the agricultural chemical supply industry and as the Pesticide Registration Coordinator for the Texas Department of Agriculture.

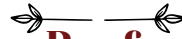
Since 1993, Don has been on the Texas A&M AgriLife Extension Service team. He is the Extension Program Leader and Coordinator for the Agricultural and Environmental Safety Unit; an Extension Pesticide Safety Education Specialist in the Pesticide Safety Education Program; the Co-Director of the Southwestern Technical Resource Center for IPM in Schools and Day Care Facilities; an Executive Board Member of the Brazos Valley Fair & Rodeo; an Executive Board Member of the National Pesticide Safety Education Center and Past President of American Association of Pesticide Safety Educators (AAPSE). More recently, he is a recipient of the Texas A&M University System "Regents Fellow Service Award" and the American Association of Pesticide Safety Educators "Fellow Award".

Don holds membership in the Texas Agricultural Lifetime Leadership Program (TALL); the Texas Small Farmers and Ranchers CBO; the Texas Vegetation Management Association (TVMA); the Texas Pest Control Association; The Texas Farm Bureau and Gama Sigma Delta International Honor Society of Agriculture.

Don also sits on several Boards relating to youth development and pesticide stewardship.

Don works to promote quality pest management educational programs for agricultural producers and pest management professionals to affect the adoption and implementation of sound agricultural, structural, public health and environmental protection Best Management Practices (BMPs).

2023 Blackland Income Growth Conference Schedule – Tuesday, January 10th



Beef

A2 - Classroom 2 1 CEU IPM

8:30 - 9:15

The Asian Longhorn Tick & Associated Diseases

What is This Emerging Pest and What Should Local Producers be Aware of

Dr. Sonja Swiger- Professor, Extension Entomologist
Stephenville

Dr. Thomas Hairgrove - Professor, Extension Veterinarian
College Station

9:15 - 9:30

Internal Parasite Resistance Study Update

Dr. Thomas Hairgrove - Professor,
Extension Veterinarian
College Station

Dr. Jason Cleere - Extension Beef Cattle Specialist
College Station

9:30 - 10:15

Establishing Veterinarian Relationships in Light of the Vet Directive and It's Consequences

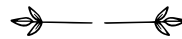
Dr. Thomas Hairgrove - Extension Veterinarian
College Station

Dr. Jason Cleere - Extension Beef Cattle Specialist - College Station
Local Veterinarians

10:30 - 11:30

Chute Side Protocols, How do you Properly... Vaccine Handling, Injection Site Selection, Branding, Etc.

Speaker Panel



Big Grains

A1 - Classroom 1 1 CEU IPM

8:30 - 9:20

New Cropping Systems and Management Considerations During Drought

Dr. Ronnie Schnell - Associate Professor,
Extension Specialist
College Station

9:30 - 10:20

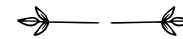
Mycotoxins of Corn 2022: A Continuing Problem In Texas

Dr. Tom Isakeit - Professor, Extension Specialist
Plant Pathology and Microbiology (PLPM)
College Station

10:30 - 11:20

The Future of Soil Fertility

Dr. Jake Mowrer - Extension Associate Professor
College Station



Horticulture

A4 - Classroom 4 1 CEU IPM

9:00 - 10:00

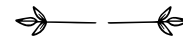
Integrated Pest Management for Vegetable Gardens

Wizzie N. Brown - Extension Program Specialist III - IPM
Travis County

10:15 - 11:45

Garden Planning and Set-up

Robert "Skip" Richter - County Extension Agent -
Brazos County



Landowner Management

A3 - Classroom 3

2:00 - 4:00

Certified Organic: What is it and its value?

Bob Whitney - Extension Organic Program Specialist I -
Stephenville

Insurance:

Drought, Crop, and Hay

Jerrett Wilbourn - McLennan County Farm Bureau, and
Lyle Zoeller - Ag Southwest Insurance

Wildlife Management - Prescribed Burning & Wildlife

Dr. Jacob Dykes - Assistant Professor and Extension
Wildlife Specialist
Rangeland Wildlife and Fisheries Management (RWFm)
Corpus Christi

Basics of Viticulture and Markets

Michael Cook - Regional Viticulture
Extension Program Specialist
Denton County

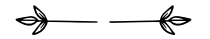
Connecting Agriculture and Health - From the Ground Up

Back Porch Club

8:50 - 4:00

For more information contact Dana Tarter
at d-tarter@tamu.edu or (940) 647-3904

<http://agrilife.org/fromthegroundup/>



Forage

A2 - Classroom 2 1 Gen 1 CEU IPM

2:00 - 4:00

Short Term Decisions Determining Long Term Success in Forage Production

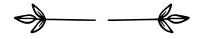
Dr. Vanessa Olson-Corriher- Assistant Professor,
Extension Forage Specialist
Overton

What Does It Really Cost To Produce A Bale Of Hay

Dr. Larry Redmon - Professor,
State Forage Specialist, Soil and Crop Science
College Station

Pasture Weed Control Methods and Herbicide Updates

Zach Howard - Extension Program Specialist
Soil and Crop Sciences
College Station



Cotton

A1 - Classroom 1 1 Gen CEU

2:00 - 4:00

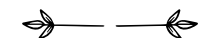
Market Outlook & Factors Affecting the Market

Dr. John Robinson - Professor and Extension
Economist - Cotton Marketing
Agricultural Economics (AGEC)
College Station

Auxin Herbicide Training

1 Laws & Reg CEU

Blackland Cotton & Grain Meeting



All On-site Registration
will be in the middle of the
Farm & Ranch Show,
not the ticket office.

BIG Recertification Program
WEDNESDAY, JANUARY 11TH

BIG Executive Committee

A2 - Classroom 2
5 CEUs - 2 L&R, 1 IPM, and 2 General

8:00 - 9:00

Drift Minimization

Floyd Ingram, County Extension Agent - Bell County -
TAMU Agrilife Extension Service

9:05 - 10:05

Management of Nuisance Insect Pest

Dr. Sonja Swiger - Professor & Extension Specialist -
Entomology - TAMU AgriLife Extension Service

10:05 - 10:25

Break

10:30 - 11:30

Managing Ponds/Lakes for Fish Production

Steven Bardin - Fisheries Biologist
Texas Pro Lake Management

*****Noon Meal*****

12:20 - 1:20

**Use of Pesticide Toxicants and Other Methods
to Control Feral Hogs**

Zach Davis - County Extension Agent - Hill County
TAMU AgriLife Extension Service

1:25 - 2:35

General Laws and Regulations

Dr. Don Renchie - State Pesticide Safety Coordinator
TAMU AgriLife Extension Service

RSVP by calling McLennan County Extension
(254) 757-5180

Registration is \$65

Make checks payable to
McLennan County Master Gardeners

Private Applicator Training

A1 - Classroom 1

\$75

8:00 - 11:45

Preregister at (254) 582-4022

Pending - BIG Chair

Pending - BIG Vice Chair

Justin Richard - BIG Treasurer

Brent Batchelor - BIG Coordinator

Bill Foshea - Beef Chair

Douglas Buck - Forage Chair

Dustin Owen - Grain Chair

Anne Skrabanek - Rural Land Management

Louie McDaniel - Horticulture Chair

Tully Janszen - Wildlife Chair

Mark Arnold - Beef Agent Advisor

Zach T. Davis - Cotton Agent Advisor

Floyd Ingram - Forage Agent Advisor

Gary Pastushok - Grain Agent Advisor

Dr. Shane McLellan - Recertification

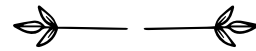
Kate Whitney - Horticulture Agent Advisor

Pasquale Swaner - Rural Land Mgmt. Agent Advisor

Chelsea Dorward - Wildlife Agent Advisor

Dana Tarter, Family Nutrition

Megan Shaffer, Youth Workshop



**Tuesday
January
10th**

**9:00 am
-
7:00 pm**



**Wednesday
January
11th**

**9:00 am
-
4:00 pm**

The Greater Waco Chamber of Commerce's MidTex Show offers exhibitors a first rate forum to present their products and services to an expected attendance of more than 2, 000 Central Texas farmers and ranchers.

Visitors to the MidTex Farm & Ranch Show, presented by United Ag Turf, will have the opportunity to view top exhibits of the newest farm and ranch equipment, seed, chemicals, and ag-related services and technologies.

**TEXAS A&M
AGRI LIFE
EXTENSION**

1229 N US Highway 281
Stephenville, TX 76401

**61st
Blackland
Income Growth
Conference**

January 10-11, 2023

BASE at Extraco Events Center

4601 Bosque Blvd

Waco, TX 76710

Sponsored by:



Held in conjunction with the



For more information, call 254-974-9447
or visit
stephenville.tamu.edu/blackland-income-growth/conference-information