United States Department of Agriculture
National Agricultural Statistics Service

April Wheat 2009

Cooperating with Texas Department of Agriculture
Texas Field Office · Post Office Box 70 · Austin, Texas 78767
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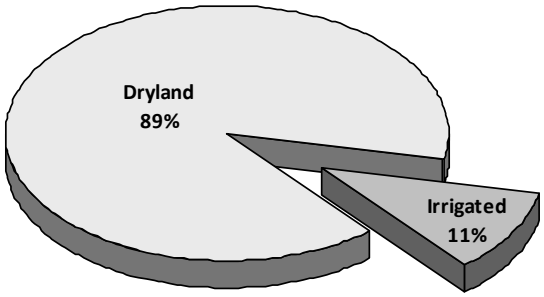
The annual Texas April Wheat Survey is the first survey of the growing season that asks producers their wheat acreage and production. This year, questions regarding variety selection and management practices were added at the request of Texas A&M System's Small Grains Advisory Committee. Funding was provided by the Texas Wheat Producers Board, Texas Foundation Seed, Texas Seed Trade Association, AgriLife Extension and Texas AgriLife Research. Information obtained in the survey will be used to assist researchers in identifying the most important areas for future research. The data reported here are survey results and not intended as official NASS estimates for the state of Texas.

Survey respondents reported 89 percent of wheat acres planted for 2009 was non-irrigated, and the remaining 11 percent irrigated. Of the non-irrigated acreage, 13 percent was planted using no-till. Of irrigated acres, 43 percent used limited irrigation.

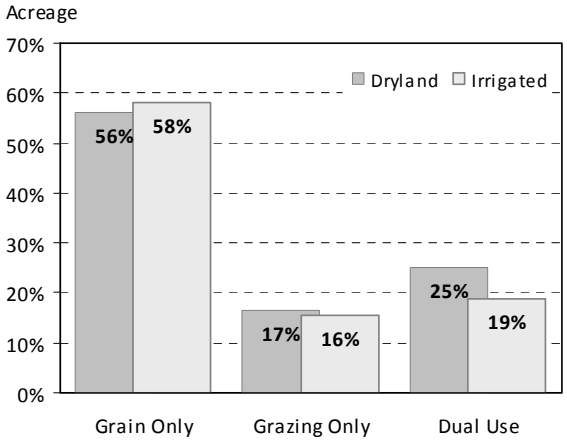
An average of 56 percent of the non-irrigated acreage was planted for grain only, 25 percent was intended for both grazing and grain, and 17 percent was intended for forage only. Only 2 percent was planted for hay, silage or cover crop. Of the irrigated acreage, 58 percent was for grain only, 19 percent for both grazing and grain, 16 percent for forage only and 7 percent for hay, silage or cover crop.

Producers were asked to report the average yield per acre they expected considering the condition of their crop as of April 1, 2009. At that time, they were expecting an average of 26 bushels per harvested acre from acres used only for grain, while acreage used for both grazing and grain was expected to average 24 bushels per acre. Dryland acres were expected to average 22 and 20 bushels per acre from acres used only for grain and dual use acres respectively, while irrigated acres were expected to average 44 bushels per acre regardless of whether grazed or not.

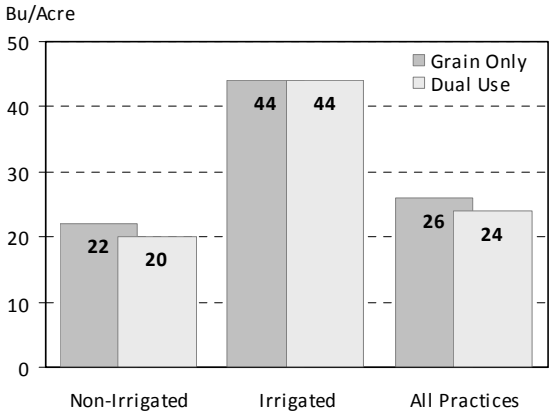
Irrigated Planted Acres



Intended Use of Acreage When Planted



Expected Yield as of April 1, 2009



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Wheat Varieties

Variety	Number of Reports	Percent of Acres	Variety	Number of Reports	Percent of Acres
TAM 111	142	8.3	Jagalene	71	3.9
Beardless	149	7.4	HG-9	21	1.8
Jagger	78	5.6	Longhorn	31	1.7
TAM 105	75	4.9	Sturdy 2K	27	1.4
Weathermaster 135	76	4.7	Custer	23	1.1
TAM 110	66	4.4	TAM W 101	24	1.1
Fannin	100	4.4	Other Hard Red	629	30.6
Coronado	94	4.3	Other Soft Red	110	4.9
TAM 112	85	4.1	Other Wheat *	35	1.3
Cutter	67	3.9			

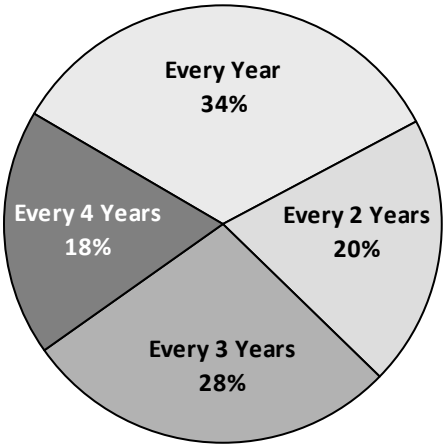
** Other wheat is white, spring, durum or unknown.*

Wheat producers planted a wide selection of varieties for 2009. Two-thirds of respondents were able to identify a specific variety planted with the most common varieties reported being TAM 111, Jagger, TAM 105, Weathermaster 135, TAM 110 and Fannin. These varieties accounted for over 35% of acres planted. Of the one-third of producers who were not able to provide the varieties planted, many were able to specify that the variety was either beardless or bin run.

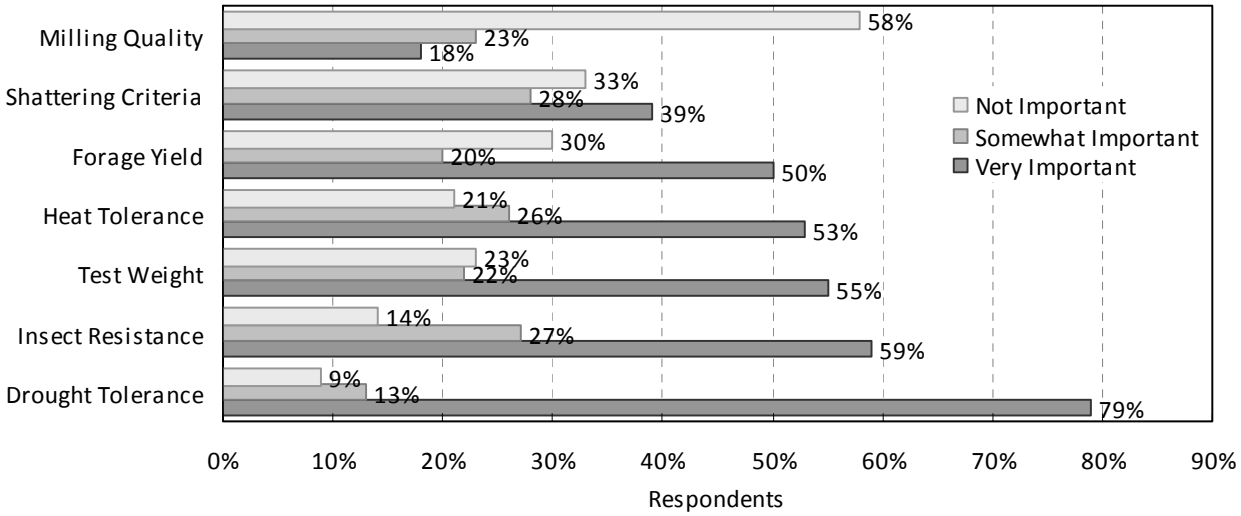
One-half of all respondents indicated they sometimes purchase certified seed. Of those who sometimes purchase certified seed, 34 percent purchase certified seed every year. When planting certified seed, producers indicate they plant an average of 25 percent of their total acreage with certified seed.

Producers were asked to rank the importance of various wheat characteristics when selecting a variety to plant. Drought tolerance, insect resistance and test weight were the characteristics most often identified by respondents as very important. Seventy-nine percent of respondents identified drought tolerance as very important. Only nine percent of producers indicated drought tolerance was not important.

How Often Certified Seed Is Purchased For Those Who Purchase Certified Seed



Importance of Characteristics When Selecting a Variety



When asked which characteristics seed breeders should concentrate on improving, eighty-two percent of respondents indicated it was very important for researchers to improve drought tolerance.

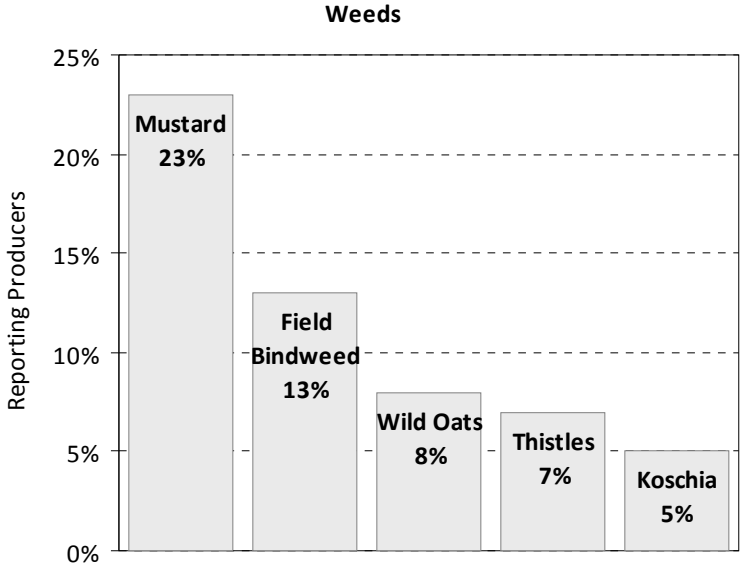
Improving Wheat Characteristics

Characteristics	Very Important	Somewhat Important	Not Important
		- percent -	
Drought Tolerance	82	12	5
Grain Yield Potential	77	10	13
Disease Tolerance	71	21	8
Insect Resistance	70	21	9
Grain Quality	64	21	16
Standability	60	26	13
Fall Forage Yield	53	23	24
Spring Forage Yield	46	24	29
Herbicide Tolerance	41	32	27

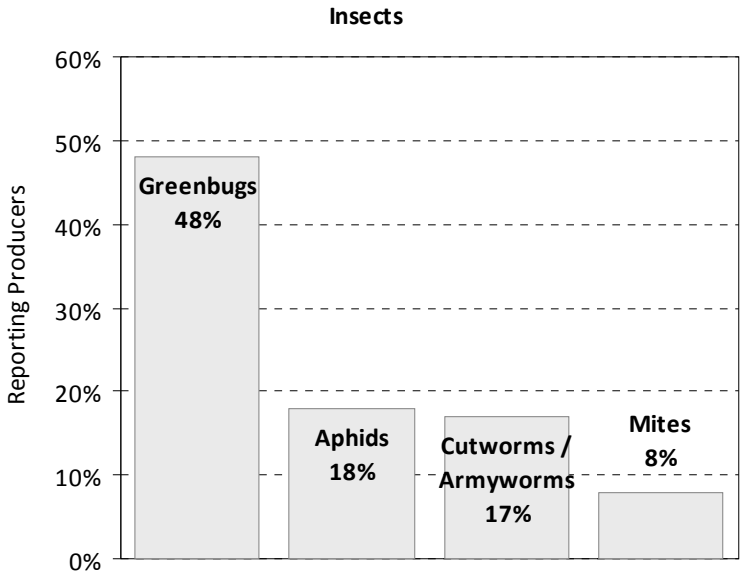
Most Troublesome Problem

Category	Item	Percent of Reports [1/]	Percent of Acres Represented [2/]
Diseases	Rusts	61	49
	Mosaics	24	24
	Fungi	5	5
	Smuts	5	3
	Molds	1	1
	Bunts	1	1
	Other diseases	4	3
Insects	Greenbugs	48	77
	Aphids	18	31
	Cutworms / Armyworms	17	25
	Mites	8	14
	Other insects	9	12
Weeds	Mustard	23	41
	Field Bindweed	13	24
	Wild Oats	8	12
	Koschia	5	10
	Wild Rye	5	9
	Pigweed	5	8
	Russian Thistle	5	7
	Cheatgrass	4	7
	Henbit	3	6
	Sunflowers	5	6
	Johnsongrass	3	4
	Thistles	2	3
	Winter weeds	2	3
	Cockleburr	2	2
	Pepper	1	2
	Blue weed	1	2
	Horseweed	1	2
	Ragweed	1	1
	Other Weeds	10	15

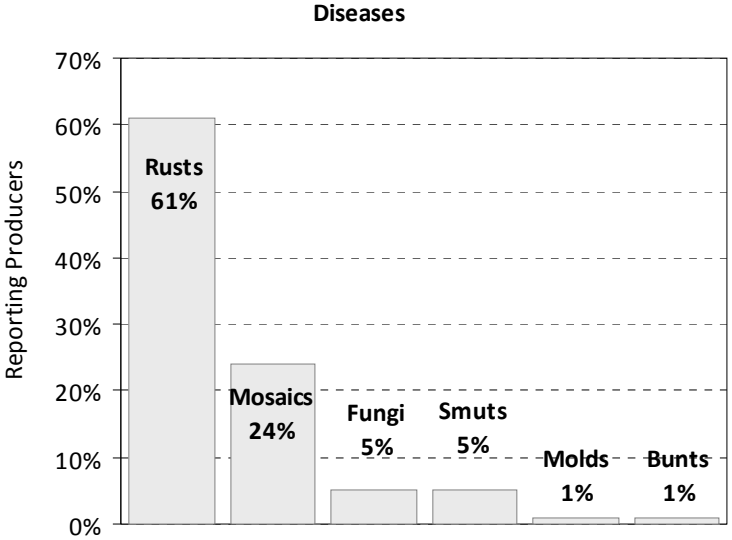
1/ Percentages may add to more than 100 due to rounding. 2/ Respondents were asked to report their two most severe pests, thus the same acreage may be accounted for in more than one pest. Percent of acres is computed as the reported acres planted for each reported pest, divided by the total acres planted by all producers that reported pests. This is provided as a means of comparing the relative severity of specific pests. Pests reported by fewer than 5 survey respondents are not show.



Producers were also asked to indicate their most troublesome pests. Mustard was the most common weed reported; with 23 percent of respondents representing 41 percent of acres planted reporting this as a problem weed. Field bindweed was the next most often reported weed; with 13 percent of producers representing 24 percent of the acreage planted indicating this to be a troublesome pest.



The most common insect pest reported was green bugs; with 48 percent of growers representing 77 percent of the acreage planted reporting this pest. Aphids and cutworms or armyworms were reported about equally by 18 percent and 17 percent of growers respectively.



Growers were less likely to report problems with diseases. Of respondents who indicated a problem disease, the leading diseases mentioned were various rusts, including Stem, Leaf, and Stripe Rust, reported by 61 percent of producers. The various mosaics (spindle streak, soil born, yellow, and wheat streak), were the second most common, with 24 percent of producers reporting one or more of these as a problem.

USDA

Texas Wheat Acreage And Variety Survey
April 2009

NATIONAL AGRICULTURAL STATISTICS SERVICE

Texas Field Office
P.O. Box 70; Austin, TX 78767
512-916-5581; Fax 1-800-842-1331
E-mail: nass-tx@nass.usda.gov

We need your help to make the Texas Wheat Acreage & Variety Survey as accurate as possible.

Response is voluntary and not required by law. However, these estimates will help Texas producers in planning and adjusting their marketings.

Please answer only those questions that pertain to your operation, and mail your report as soon as possible in the enclosed envelope. Your reported information will be kept **confidential**.

Please make corrections to name, address and Zip Code, if necessary.

Wheat Acreage And Expected Yield

	Non-Irrigated (Dryland)	Irrigated
1. How many acres of **Wheat** have been **planted** for 2009? ..... **Acres** (*Include acres planted for any purpose, including grain, seed, hay, pasture, and any other purpose. Include all acres planted even if the crop failed to emerge.*)	0201	0211
2. When planted, how many **acres** were **planted for**:		
a. Grain only? ..... **Acres**	0202	0212
b. Forage (Grazing) only? ..... **Acres**	0203	0213
c. Dual use (forage and grain)? ..... **Acres**	0204	0214
d. Hay / silage only? ..... **Acres**	0205	0215
3. At this time, how many acres do you **expect to harvest** for **grain**? (*If none, enter zero and go to question 4.*) ..... **Acres**	0206	0216
a. What is the **average yield** per acre you expect this year for:		
i. Dual use (forage and grain) acres? ..... **Bushels / acre**	0207	0217
ii. Grain only acres (not grazed)? ..... **Bushels / acre**	0208	0218
4. At this time, how many acres do you **expect to harvest** for **hay or silage**? (*If none, enter zero and go to question 5.*) ..... **Acres**	0209	0219
a. What is the **average yield** per acre you expect this year for **hay / silage** only? ..... **Tons / acre**	0210 • ____	0220 • ____

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB number is 0535-0002. The time required to complete this information collection is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

Wheat Varieties and Selection

5. Refer to the Wheat varieties on the enclosed listing. Please record the actual or estimated acreage for all varieties of wheat you planted on this operation for 2008-09.

   If the variety you planted is not listed, please record the name and type of wheat with as much information as you can recall, including the seed company name if possible.

Variety Code	Variety Name for Wheat Planted	Non-Irrigated (Dryland) Acres	Irrigated Acres
0301		0311	0321
0302		0312	0322
0303		0313	0323
0304		0314	0324
0305		0315	0325
0306		0316	0326

6. How often do you purchase certified **wheat** seed? (*Circle one.)*

   0331 (1) every year (2) every other year (3) every three years (4) every four years (5) never [*skip to question 7*] (6) other [*specify*] _____

   a. When you buy certified wheat seed, what percentage of your acres do you plant with certified seed? ..... 0332 ____ %

7. Consider the following wheat characteristics. How important are each of these characteristics to you when choosing a variety to plant? (***Please rate the following characteristics, with 1 = Very Important, 2 = Somewhat Important, or 3 = Not Very Important***)

	Importance			Importance	
0341		Grain yield	0348		Forage yield
0342		Disease Resistance	0349		Insect resistance
0343		Maturity	0350		Test weight
0344		Lodging	0351		Shattering criteria
0345		Height	0352		Milling and baking quality
0346		Drought tolerance	0353		Winter hardiness
0347		Heat tolerance			

8. As wheat breeders work to improve wheat varieties, how important do you believe these characteristics are to improve? (***Please rate the following characteristics, with 1 = Very Important, 2 = Somewhat Important, or 3 = Not Very Important***)

	Importance			Importance	
0361		Drought tolerance	0366		Fall forage yield
0362		Standability	0367		Spring forage yield
0363		Disease tolerance	0368		Grain yield potential
0364		Herbicide tolerance	0369		Grain quality
0365		Insect resistance	0370		Other (please describe: _____

Wheat Management Practices

	Non-Irrigated (Dryland)	Irrigated
9. How many of your wheat acres are in **No-till**? ..... **Acres**	0501	0502

10. On average, how much N (Nitrogen), P (Phosphorous), and K (Potassium), is applied per acre to your wheat?	Non-Irrigated (Dryland) Acres	Irrigated Acres
a. Nitrogen (N) ..... **Pounds per Acre**	0503	0507
b. Phosphorous (P) ..... **Pounds per Acre**	0504	0508
c. Potassium (K) ..... **Pounds per Acre**	0505	0509

11. If you apply Nitrogen, what percent of your **Nitrogen** is applied:

Pre-plant	At Planting	Top Dress
0512 %	0513 %	0514 %

12. How often does this operation conduct a soil test? (***Circle one**.)*

0516 (1) every year (2) every 2 – 4 years (3) every 5 – 7 years (4) every 8 – 10 years (5) > 10 years

	Office Use
13. What do you consider your two most troublesome weeds?	0521
	0522
14. What do you consider your two most troublesome insects?	0523
	0524
15. What do you consider your two most troublesome diseases, including viruses?	0525
	0526

16. What percent of your wheat land is treated each year for:

Broadleaf weeds	Grasses	Insects	Diseases
0528 %	0529 %	0530 %	0531 %

17. **If you irrigate wheat**, which of the following best describes your irrigated wheat? (***Circle one***)

0540 (1) **Limited** irrigated (2) **Full** irrigated

18. Over the past **five** years, on average, what percentage of your wheat acreage has been:

Grain only production	**Grazed and** harvested for **grain**	**Grazed out**	Harvested for **hay or silage**	**Abandoned**
0550 %	0551 %	0552 %	0553 %	0554 %

Other Small Grains

19. Do you grow any **other small grains**?
If so, please refer to the enclosed variety list for other small grains. Report the variety name or code, total acreage planted for 2008-09, and indicate the primary use for each variety planted.

Variety Code	Variety Name for Other Small Grains Planted	Total Acres	Primary Use (Circle one for each variety)		
0601		0611	0621 (1) For forage	(2) For Silage	(3) For Grain
0602		0612	0622 (1) For forage	(2) For Silage	(3) For Grain
0603		0613	0623 (1) For forage	(2) For Silage	(3) For Grain
0604		0614	0624 (1) For forage	(2) For Silage	(3) For Grain

Information Sources and Management Education

20. How important are the following sources of information to you when making crop management decisions, including variety selection? (***Please rate the following information sources, with 1 = Very Important, 2 = Somewhat Important, or 3 = Not Very Important***)

	Importance	
0701		Past performance
0702		Extension and/or Research field days, demonstrations, and publications
0703		Seed company information
0704		Seed availability
0705		Other farmers' experience

21. What mode(s) of information delivery do you prefer in receiving information to make improved management decisions for your wheat operation? (***Check ☑ all that apply.***)

0711	☐	Wheat publications (paper-based)
0712	☐	Educational events (field days, demonstrations, and educations meetings)
0713	☐	Internet (websites, email, etc.)
0714	☐	Radio
0715	☐	Other (please specify or describe: _____)

22. How have you used educational information about wheat from Texas AgriLife Extension Service? (***Check ☑ all that apply.***)

0721	☐	To help select wheat varieties
0722	☐	To learn more about pest management (weeds, diseases, and insects))
0723	☐	To learn more about dual-use wheat
0724	☐	To learn more about fertility management
0725	☐	Have not used educational information about wheat from Texas AgriLife Extension Service

THANK YOU!
Please return this form in the enclosed business reply envelope.

9910

Respondent Name: _____ Phone: (_____) _____ Date: __ __ __ __ __ __

Office Use								
0921	9901	9902	9903	0098	0100	0407	0408	0789 - -