



**AGRICULTURAL RESOURCE MANAGEMENT SURVEY
DURUM WHEAT PRODUCTION PRACTICES
REPORT
for 2006**



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

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VERSION	ID	TRACT	SUBTRACT	T-TYPE	TABLE	LINE
72	_____	01	_____	0	000	00



CONTACT RECORD		
DATE	TIME	NOTES

INTRODUCTION:
[Introduce yourself, and ask for the operator. Rephrase in your own words.]

We are collecting information on practices to produce durum wheat and need your help to make the information as accurate as possible. Authority for collection of information on the Durum Wheat Production Practices Report is Title 7, Section 2204 of the U.S. Code. This information will be used for statistical analysis and to compile and publish estimates for your region and the United States. Response to this survey is confidential and voluntary.

We encourage you to refer to your farm records during the interview.

	H H M M
BEGINNING TIME	0004

	[MILITARY]
	SCREENING BOX
	0006

[ENUMERATOR NOTE: If screening box is code 1, complete the screening Supplement. If Screening box is not coded, begin with Section A.]

[Name, address and partners verified and updated if necessary]

POID _____	POID _____
PARTNER NAME	PARTNER NAME
ADDRESS	ADDRESS
CITY STATE ZIP PHONE NUMBER	CITY STATE ZIP PHONE NUMBER
POID _____	POID _____
PARTNER NAME	PARTNER NAME
ADDRESS	ADDRESS

CITY	STATE	ZIP	PHONE NUMBER	CITY	STATE	ZIP	PHONE NUMBER
------	-------	-----	--------------	------	-------	-----	--------------

A

DURUM WHEAT FIELD SELECTION

A

1. How many acres of durum wheat did this operation plant for the 2006 crop year?

▶ [If no acres planted, review Screening Survey Information Form. Make notes, then go to item 4 on back page.]

TOTAL PLANTED ACRES

0050

2. I will follow a simple procedure to make a random selection from the durum wheat fields planted for the 2006 crop.

What is the TOTAL number of durum wheat fields that were planted on this operation?

TOTAL NUMBER OF FIELDS PLANTED

0020

[If only 1 field, enter 1 and go to item 4.]

3. Please list these fields according to identifying name/number or describe each field. Then I will tell you which field has been selected.

▶ [If there are more than 18 fields make sure item 2 is TOTAL fields planted, and list only the 18 fields closest to the operator's permanent residence.
▶ If respondent is unable to identify or describe the fields, use the Field Selection Grid Supplement.]

FIELD NAME, NUMBER OR DESCRIPTION

- 1 _____
- 2 _____
- 3 _____
- 4 _____
- 5 _____
- 6 _____
- 7 _____
- 8 _____
- 9 _____

FIELD NAME, NUMBER OR DESCRIPTION

- 10 _____
- 11 _____
- 12 _____
- 13 _____
- 14 _____
- 15 _____
- 16 _____
- 17 _____
- 18 _____

APPLY "RANDOM NUMBER" LABEL HERE

4. [ENUMERATOR ACTION:

Circle the pair of numbers on the above label associated with the last numbered field in item 3. Select the field according to the number you circled on the label, and record the selected number. If only 1 field, enter 1].

SELECTED FIELD NUMBER

0021

5. The field selected is _____ (field name/number/description).

During this interview, the durum wheat questions will be about this selected durum wheat field. [Be sure the operator can identify the selected field.]

6. How many acres of durum wheat were planted in this field for the 2006 crop?

ACRES

1301

C FERTILIZER and NUTRIENT APPLICATIONS---SELECTED FIELD

1. Were commercial FERTILIZERS applied to this field for the 2006 durum wheat crop? YES = 1	CODE 0202	EDIT TABLE 0201
--	---------------------	---------------------------

2. [If COMMERCIAL fertilizer applied, continue, else go to Section D.]

3. How many commercial fertilizer applications were made to this field for the 2006 crop? (Include applications made by airplanes and custom applicators).	NUMBER 0203
--	-----------------------

4. **Now I need to record information for each application**

CHECKLIST																													
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-right: 1px dashed black; padding: 5px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; width: 20px;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">INCLUDE</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Custom applied fertilizers</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Fertilizers applied in the fall of 2005 and those applied earlier if this field was fallow in 2005.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Commercially prepared manure</td> </tr> </table> </td> <td style="width: 50%; padding: 5px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; width: 20px;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">EXCLUDE</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Micronutrients</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Unprocessed manure</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Fertilizer applied to previous crops in this field</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Lime and Gypsum/landplaster</td> </tr> </table> </td> </tr> </table>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; width: 20px;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">INCLUDE</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Custom applied fertilizers</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Fertilizers applied in the fall of 2005 and those applied earlier if this field was fallow in 2005.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Commercially prepared manure</td> </tr> </table>	<input checked="" type="checkbox"/>	INCLUDE	<input type="checkbox"/>	Custom applied fertilizers	<input type="checkbox"/>	Fertilizers applied in the fall of 2005 and those applied earlier if this field was fallow in 2005.	<input type="checkbox"/>	Commercially prepared manure	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; width: 20px;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">EXCLUDE</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Micronutrients</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Unprocessed manure</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Fertilizer applied to previous crops in this field</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Lime and Gypsum/landplaster</td> </tr> </table>	<input checked="" type="checkbox"/>	EXCLUDE	<input type="checkbox"/>	Micronutrients	<input type="checkbox"/>	Unprocessed manure	<input type="checkbox"/>	Fertilizer applied to previous crops in this field	<input type="checkbox"/>	Lime and Gypsum/landplaster	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">T-TYPE</td> <td style="width: 50%; text-align: center;">TABLE</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">001</td> </tr> <tr> <td style="text-align: center;">Line 99</td> <td style="text-align: center;">Office Use Lines in Table</td> </tr> <tr> <td></td> <td style="text-align: center;">0213</td> </tr> </table>	T-TYPE	TABLE	2	001	Line 99	Office Use Lines in Table		0213
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APPLICATION CODES for COLUMN 6	
1 Broadcast, ground without incorporation	5 In irrigation water
2 Broadcast, ground with incorporation	6 Chisel, injected or knifed in
3 Broadcast, by aircraft	7 Banded/Sidedressed in or over row
4 In seed furrow	8 Foliar or directed spray

L I N E	2 MATERIALS USED [Enter percentage analysis or actual pounds of plant nutrients applied per acre.] [Show Common Fertilizers in Respondent Booklet.]				3 What quantity was applied per acre? [Leave this column blank if actual nutrients were reported.]	4 [Enter material code.] 1 Pounds 12 Gallons 19 Pounds of actual nutrients	5 When was this applied? 1 In the fall before seeding 2 In the spring before seeding 3 At seeding 4 After seeding	6 How was this applied? [Refer to code list above.]	7 How many acres were treated in this application? ACRES
	N Nitrogen	P ₂ O ₅ Phosphate	K ₂ O Potash	S Sulfur					
	01	0205	0206	0207	0214	0208	0209	0210	0211
02	0205	0206	0207	0214	0208	0209	0210	0211	0212
03	0205	0206	0207	0214	0208	0209	0210	0211	0212
04	0205	0206	0207	0214	0208	0209	0210	0211	0212
05	0205	0206	0207	0214	0208	0209	0210	0211	0212
06	0205	0206	0207	0214	0208	0209	0210	0211	0212
07	0205	0206	0207	0214	0208	0209	0210	0211	0212
08	0205	0206	0207	0214	0208	0209	0210	0211	0212

T - TYPE 0	TABLE 000	LINE 00
----------------------	---------------------	-------------------

D PESTICIDE APPLICATIONS---SELECTED FIELD D

Now I have some questions about all the pesticides used on this field for the 2006 durum wheat crop including both custom applications and applications made by this operation.

1. Were any herbicides, insecticides, fungicides or other chemicals used on this durum wheat field for the 2006 crop? YES = 1

CODE	EDIT TABLE
0302	0301

[Probe for applications made in the fall of 2005 (and those made earlier if this field was fallow).]
[If no pesticides applied, go to **Section E.**]

Include defoliant, fungicides, herbicides, insecticides, and pesticides Include biological and botanical pesticides.	Exclude fertilizers reported earlier and seed treatments.
---	---

T - TYPE	TABLE
3	001
LINE 99	OFFICE USE LINE IN TABLE 0319

CHEMICAL PRODUCT NAME	LINE	2 What products were applied to this field? <small>[Show product codes from Respondent Booklet.]</small>	3 Was this product bought in liquid or dry form? <small>[Enter L or D]</small>	4 Was this part of a tank mix? <small>[If tank mix, enter line number of first product in mix.]</small>	5 When was this applied? 1 BEFORE planting 3 AT planting 4 AFTER planting	6 How much was applied per acre per application?	OR	7 What was the total amount applied per application in this field?	8 <small>[Enter unit code.]</small> 1 Pounds 12 Gallons 13 Quarts 14 Pints 15 Liquid Oz. 28 Dry Oz. 30 Grams
	01	0305		0306	0307	0308		0309	0310
	02	0305		0306	0307	0308		0309	0310
	03	0305		0306	0307	0308		0309	0310
	04	0305		0306	0307	0308		0309	0310
	05	0305		0306	0307	0308		0309	0310
	06	0305		0306	0307	0308		0309	0310
	07	0305		0306	0307	0308		0309	0310
	08	0305		0306	0307	0308		0309	0310
	09	0305		0306	0307	0308		0309	0310
	10	0305		0306	0307	0308		0309	0310
	11	0305		0306	0307	0308		0309	0310
	12	0305		0306	0307	0308		0309	0310
	13	0305		0306	0307	0308		0309	0310
	14	0305		0306	0307	0308		0309	0310

1. [For pesticides not listed in Respondent Booklet, specify---]

LINE	Pesticide Type <small>(Herbicide, Insecticide Fungicide, etc.)</small>	EPA No. or Trade name And Formulation	Form Purchased <small>(Liquid or Dry)</small>	Where Purchased <small>[ASK only if EPA No. cannot be reported.]</small>

APPLICATIONS CODES for column 9

1 Broadcast, ground without incorporation	6 Chisel/Injected or Knifed in
2 Broadcast, ground with incorporation	7 Banded in or over row
3 Broadcast, by aircraft	8 Foliar or directed spray
4 In Seed furrow	9 Spot treatments
5 In Irrigation water	

L I N E	9	10	11
	How was this product applied? <i>[Enter code from above.]</i>	How many acres in this field were treated with this product? ACRES	How many times was it applied? NUMBER
01	0311	0312 _____	0313
02	0311	0312 _____	0313
03	0311	0312 _____	0313
04	0311	0312 _____	0313
05	0311	0312 _____	0313
06	0311	0312 _____	0313
07	0311	0312 _____	0313
08	0311	0312 _____	0313
09	0311	0312 _____	0313
10	0311	0312 _____	0313
11	0311	0312 _____	0313
12	0311	0312 _____	0313
13	0311	0312 _____	0313
14	0311	0312 _____	0313

E PEST MANAGEMENT PRACTICES---SELECTED FIELD E

Now I have some questions about your pest management decisions and practices used on this field for the 2006 durum wheat crop. By pests, we mean WEEDS, INSECTS, and DISEASES.

T-TYPE	TABLE	LINE
0	000	00

1. [Enumerator Action: Were PESTICIDE APPLICATIONS reported in Section D?]

- YES - [Continue.] NO - [Go to item 10.]

2. Was weather data used to assist in determining either the need for or timing of pesticide applications? YES = 1
4. Were pesticides with different mechanisms of action rotated or tank mixed for the primary purpose of keeping pests from becoming resistant to pesticides? YES = 1

CODE
0800
0802

10. In 2006, how was this field primarily scouted for insects, weeds, diseases, and/or beneficial organisms---

- | | |
|---|--|
| 1 | By deliberately going to the field specifically for scouting activities? [Enter code 1 and go to item 11.] |
| 2 | By conducting general observations while performing routine tasks? [Enter code 2 and go to item 13.] |
| 3 | This field was not scouted. [Enter code 3 and go to item 18.] |

CODE
0808

11. Was an established scouting process used (systematic sampling, recording counts, etc.) or were insect traps used in this field? YES = 1

CODE
0809

12. Was scouting for pests done in this field due to---

- a. a pest advisory warning? YES = 1
- b. a pest development model? YES = 1

CODE
0810
0811

1		3	
		[If column 1 = YES, ask---] Who did the majority of the scouting for [column 1]---	
		1 Operator, partner or family member 2 An employee 3 Farm supply or chemical dealer 4 Independent crop consultant or commercial scout	
13. Was this durum wheat field scouted for--		CODE	
	YES = 1		
a. weeds?	0812	0814	
b. insects or	0815	0817	
c. diseases?	0818	0820	

15. Were written or electronic records kept for this field to track the activity or numbers of weeds, insects or diseases? YES = 1

CODE
0838

16. Was scouting data compared to published information on infestation thresholds to determine when to take measures to manage pests in field? YES = 1

0839

17. Did you use field mapping or previous weed problems to assist you in making weed management decisions? YES = 1

0840

18. **Did you do any of the following other type(s) of pest management for the specific purpose of managing or reducing the spread of pests in this field?**

[Enter code "1" for all that apply.]

		CODE
a. Use the services of a diagnostic laboratory for pest identification or soil plant tissue pest analysis for this field?	YES = 1	0841
b. Plow down crop residues (<i>using conventional tillage</i>)?	YES = 1	0842
c. Remove crop residue?	YES = 1	0843
d. Rotate crops in this field during the past 3 years?	YES = 1	0844
e. Maintain ground covers, mulches, or other physical barriers?	YES = 1	0845
f. Choose crop variety because of specific resistance to certain pest?	YES = 1	0846
g. Use no-till or minimum till?	YES = 1	0847
h. Plan planting locations to avoid cross infestation of pests?	YES = 1	0848
i. Adjust planting or harvesting dates?	YES = 1	0849
j. Chop, spray, mow, plow, or burn field edges, lanes, ditches, roadways, or fences lines?	YES = 1	0850
k. Clean equipment and field implements after completing field work to reduce the spread of pests?	YES = 1	0851
l. Adjust row spacing, plant density or row directions?	YES = 1	0852

21. **Were water management practices such as irrigation scheduling, controlled drainage, or treatment of retention water used on this field to manage for pests or toxic producing fungi and bacteria (*i.e. aflatoxin*)?**

YES = 1	0861
---------	------

Completion Code for Pest Management Data	
1- Incomp/R	0340

CONCLUSION

4. **Would you like to receive a copy of the results of this survey in the mail?**

(Results will also be available on the Internet at <http://www.usda.gov/nass/>)..... YES = 1

CODE

0099

5. **ENDING TIME [MILITARY]**.....

HH MM

0005

RECORDS USE

6. [Did respondent use farm/ranch records to report---]

CODE

a. [**fertilizer**
data?]

YES = 1

0011

b. [**pesticide** data?].

YES = 1

0012

SUPPLEMENTS USED

7. [Record the total number of each type of supplement used to complete this

NUMBER

FERTILIZER APPLICATIONS

0041

PESTICIDE APPLICATIONS

0042

Reported by: _____ Telephone(_____) _____

Response		Respondent		Mode		Enum	Eval.	Date MM DD YY	Optional	Optional
1-Comp	9901	1- Op/Mgr	9902	2-Tel	9903	0098	0100	9910	0002	0003
2-R		2-Sp		3-Face-to-Face						
3-Inac		3-Acct/Bkpr								
		4-Partner								
		9-Other								
_____06										
S/E Name										