

## Wheat Varieties Trial.

02-Wheat-Variety

**OBJECTIVE:** Evaluate 20 wheat varieties.

**SUMMARY:** This study was not summarized.

### WHEAT VARIETIES

AP Gibson  
AP Mitchell  
AP Patton  
Becks 102  
Coker 9184  
Coker 9663  
Diener DB500  
Excel 400-1  
FS 539  
FS 621  
Golden Eagle  
Golden Eye II  
Lewis 857  
Madison  
P 25R37  
P 25R44  
P 25R49  
P 25R75  
P 25R78  
Sisson

### WEEDS

NA - wheat variety

### CROP

wheat, winter

Bryan Young

PLANT, SOIL AND GENERAL AGRICULTURE DEPARTMENT

SOUTHERN ILLINOIS UNIVERSITY

## Wheat Variety Trial.

Project Code: 02-Wheat-Variety Location: Horticulture Research Center

Investigator: Bryan Young, Assistant Professor, Southern Illinois University

City State Zip Country: Carbondale IL 62901 USA  
 Trial Status: Final Updated: 10-30-02

## Objective:

Evaluate 20 wheat varieties.

## Weed Code Common Name Scientific Name

1. NA

Crop 1: TRZAW wheat, winter Variety: See note  
 Planting Method: Seeded Planting Date: 10-23-01  
 Rate: 110 lb/A Depth: 1.5 IN  
 Row Spacing: 7.5 IN Seed Bed: Fine

Plot Width, Unit: 5 FT Plot Length, Unit: 40 FT Reps: 3  
 Tillage Type: Reduced-Till Study Design: Randomized complete block  
 Previous Crop, Year: GLXMA, 2001

Field Prep./Maintenance: See note

Texture: Silt loam % OM: 2.4 pH: 6.7 CEC: 13  
 Fert. Level: P1: 80 LB/A, K: 211 LB/A

## APPLICATION DESCRIPTION

A

Application Method: See note

## CROP STAGE AT EACH APPLICATION

A

Crop 1 Code, Stage: TRZAW NA

## WEED STAGE AT EACH APPLICATION

A

Weed 1 Code: NA

## APPLICATION EQUIPMENT

A

Appl. Equipment: NA

## NOTES:

Wheat varieties are listed in treatments.  
 Fertilization and pest control are listed in comments.  
 Harvested 6-17-02, 5 x 37 ft.

Wheat Variety Trial.

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Weed Code		
Crop Code	TRZAW	TRZAW
Rating Data Type	Moisture	Yield
Rating Unit	Percent	bu/A
Rating Date	6-17-02	6-17-02
Trt-Eval Interval		

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Prod Unit	Prod Rate	Grow Unit	Appl Stg	Code		
1	AP Gibson									12.3	59
2	AP Mitchell									12.3	65
3	AP Patton									11.7	62
4	Becks 102									12.0	59
5	Coker 9184									14.6	57
6	Coker 9663									14.7	73
7	Diener DB500									13.8	60
8	Excel 400-1									13.5	65
9	FS 539									13.7	64
10	FS 621									12.0	62
11	Golden Eye II									13.0	61
12	Golden Eagle									13.2	53
13	Lewis 857									13.2	60
14	Madison									12.3	61
15	P 25R37									15.0	57
16	P 25R44									13.7	66
17	P 25R49									12.4	65
18	P25R75									13.0	66
19	P 25R78									13.1	69
20	Sisson									12.6	62
	LSD (P=.05)									0.63	4.7

Weed Code		
Crop Code	TRZAW	TRZAW
Rating Data Type	Moisture	Yield
Rating Unit	Percent	bu/A
Rating Date	6-17-02	6-17-02
Trt-Eval Interval		

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Trt No.	Treatment Name	Form Conc	Form Type	Rate	Prod Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code
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Replicate F				2.965		8.334			
Replicate Prob(F)				0.0636		0.0010			
Treatment F				18.552		7.333			
Treatment Prob(F)				0.0001		0.0001			

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Trial Comments

1. Protocol: Wheat Tech Inc.
2. Field Prep./Maintenance:
  - fall fertilization = 100 lb 18-46-0 and 100 lb 0-0-60 on 10-21-01;
  - spring fertilization = 50 lb N as liquid 28% on 2-6-02 and 60 lb N as liquid 28% on 4-2-02;
  - herbicides = Harmony Extra + 2,4-D (Gordon's LV4) at 0.5 + 6.0 oz/A, in 8 GPA water, on 4-9-02;
  - insecticides = Warrior 2.0 oz/A, in 8 GPA water, on 12-4-01;
  - fungicides = Folicur + Activator 90 at 4.0 oz/A + 0.25% v/v, in 20 GPA water, on 5-16-02.