

SMALL GRAIN 2005 VARIETY DEMONSTRATION

WHEAT VARIETIES

AGS 2000 from Seed South
AGS 2485 from Seed South
Crop Land 8302
Crop Land 8308
Crop Land 8309
Crop Land 38158
Fleming from Plantation Seed
Georgia Gore from Kelley Seed
Nk Coker 9663 old variety from Syngenta
Nk Coker 9152 new release
Pioneer 26R24 from Plantation Seed and Seed South
Pioneer 26R61 from Seed South
Southern States 520 from Southern States
Southern States 535 from southern States

This test was planted on Kenneth Carnley's Farm near Kinston, Al. It was planted on December 15, 2004. Soil test was taken. Soil pH is 6.4. Two tons of chicken litter per acre were applied to the previous crop being peanuts and two tons of chicken litter per acre will be applied in February. This was planted with a no till grain drill, at the seeding rate of 130 lb. per acre. The plots are in 0.8 acre plots. The field is very uniform. Soil moisture at planting was perfect for germination. The air temperature at planting was 52 degrees F. A field tour will be conducted just prior to harvest. Yields will be taken and reported.

Tillage demonstration
Disc vs. Deep Tillage

Herbicide Demonstration
Osprey
Harmony Extra

Fungicide Demonstration
Tilt
Headline
Quadris

Seeding Rate
90-140 lb.

Planting Dates
Fleming Plant December 1-15 Harvest in May

Written description of each variety

OAT VARIETIES

Jim and Dwain Rhoades Farm near Kinston, Al. Planted November 29, 2005. The field was prepared by chisel plow and field conditioner. 300 lb. of 5-15-30 fertilizer was broadcast ahead of planting. 100 Units of Nitrogen were applied early spring. Harvest was on May 29, 2005.

VARIETY	TEST WEIGHT	YIELD IN BUSHEL
Chapman.	23	20
Citation	29	19.5
Coker 227	26	19.37
Florida 501	29	20.75
Georgia Mitchell	33	41.79
Harrison	31	27.21
Horizon 314	23	2.7
Horizon 321	27	18
Horizon 474	30.5	41.4
Secretariat	24	11.64

Drought in May caused great yield loss. The varieties with the lowest yields also suffered major problems from crown rust.

Georgia Mitchell from Kelley Seed. Problem with loose smut
Coker 227
Citation from Glen Hussey
Harrison
Horizon 474 C.C. Martin
Horizon 321 from Plantation Seed
Horizon 314 from Plantation Seed
Secretariat
Chapman from Dewayne & Jim Rhoades
Florida 501 Jim Bostick

Terrel Seed Larry Mullins 318-559-2840
Bill Hopkins, 604 Blount, Lake Providence La, 71254

Secretariat

Coker 227 have
Coker 820
Coker

June Hancock Syngenta
Wheat NkCoker 9184 This is in Ga. Test but not recommended for South Al.
Nk Coker 9312 Not for South Al.

David Bunten 770-412-4713
gbuntin@gaes.griffin.peach.net.edu

Jerry Johnson 770-228-7321

Georgia Crop Improvement 706-542-2351

Dewey Lee 229-386-3430

Jimmy Clements Plantation Seeds , Newton GA. 229-881-2700
Paladin-2@mchsi.com

June Hancock, Syngenta Seeds, 778 County Road 680, Bay Ark, 72411
870-483-7691

Wheat Breeder, Nk Coker 9663 old variety sent to put in plot
Nk Coker 9152 new release good for this area. Sent to put in plot.

Bart Fogleman AgriPro 870-935-3941 Agri Pro Panola
Ray Kirk 229-434-7448
Gary Moore 901-747-2700 cell 901-351-4042
Phone not in service

John Butler Arkansas County Seed, 800-299-6287

Seed South 794-2711 1827 Columbia Hwy Dothan 36301

Kelley Seed 800-654-0726

Glen Hussey

C C Martin 494-2917

Jim Bostick 693-3988

WHEAT AND OAT VARIETY FIELD TOUR

DATE: MAY 19,2005

TIME: 9:00 A.M. UNTIL 10:30 A.M.

PLACE: Meet at Perry's Store at the crossroads of Hwy 134 and Hwy 189 five miles North of Kinston, Al.

I would like to thank the individuals and companies who donated seed for these plots. And the growers Jim and Dwain Rhoades and Kenneth Carnley for conducting these tests. Some of the company representatives will be there to tell us more about their varieties.

Richard L. Petcher
Regional Extension Agent

WHEAT VARIETY TEST

Kenneth Carnley Farms.
Harvested on June 9, 2005

VARIETY	YIELD IN BUSHELS PER ACRE
1. AGS 2000	42.3
2. AGS 2485	33
3. Crop Land 8302	19.5
4. Crop Land 8308	24
5. Crop Land 8309	6.2
6. Crop Land 38158	36.7
7. Fleming	44.2
8. Georgia Gore	39.8
9. NK Coker 9663	45.7
10. NK Coker 9152	30.7
11. Pioneer 26R24	44.4
12. Pioneer 26R61	52.5
13. Southern States 520	39.5
14. Southern States 535	18