

## Rye

### Tifton, Georgia:

### Rye Forage Performance, 2006-2007

Brand-Variety	Dry Matter Yield						Season Totals	
	Harvest Date					2007	2-Yr Avg	
	12-18-06	1-12-07	2-07-07	3-06-07	3-30-07			
----- lb/acre -----								
Oklon	2422	<b>1560</b>	1141	<b>2143</b>	<b>1703</b>	<b>8969</b>	<b>8204</b>	
Wrens 96	<b>3071</b>	<b>1664</b>	1063	<b>1978</b>	954	<b>8729</b>	7850	
NF95307A	<b>2718</b>	<b>1525</b>	1180	<b>1964</b>	1316	<b>8703</b>	.	
Wintergrazer 70	2514	<b>1634</b>	1115	<b>2012</b>	1329	<b>8603</b>	<b>8287</b>	
Bates	1934	<b>1625</b>	<b>1328</b>	<b>2004</b>	<b>1669</b>	<b>8560</b>	<b>8161</b>	
Bates RS4	2405	1438	1185	<b>2152</b>	1350	<b>8529</b>	.	
Maton II	2365	<b>1573</b>	1141	<b>1978</b>	1412	8468	.	
Wrens Abruzzi	<b>2640</b>	<b>1625</b>	1146	1873	1085	8368	7501	
AGS104	<b>2945</b>	<b>1533</b>	1015	1747	1015	8255	7423	
Early Graze	2309	<b>1512</b>	1024	<b>2012</b>	1272	8129	7639	
FL96RP16-34-1	2522	1399	1063	1852	862	7698	7107	
FLBDZA580 Sel	<b>2684</b>	584	558	<b>2082</b>	675	6582	6562	
FLCNT1 Sel	2487	688	545	1568	653	5941	5963	
FLCNT-1-P1	2392	592	514	1599	771	5868	5630	
Average	2529	1353	1001	1926	1148	7957 <sup>1</sup>	7302	
LSD at 10% Level	474	217	131	215	155	484	402	
Std. Err. of Entry Mean	199	91	55	90	65	203	170	

1. C.V. = 5.1%, and df for EMS = 39.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: October 27, 2006.

Seeding Rate: 36 seed/foot in 7" rows.

Soil Type: Tifton loamy sand.

Soil Test: P = High, K = Low, and pH = 6.0.

Fertilization: Preplant: 68 lb N, 18 lb P<sub>2</sub>O<sub>5</sub>, and 54 lb K<sub>2</sub>O/acre.

Topdress: 50 lb N/acre after 1st, 2nd, 3rd, and 4th harvests.

Management: Subsoiled and rototilled.

Previous Crop: Winter forages.

Test conducted by A. E. Coy, R. Brooke, and R. Jackson.

## Plains, Georgia: Rye Forage Performance, 2006-2007

Brand-Variety	Dry Matter Yield					Cold Damage <sup>1</sup> %
	Harvest Date			Season Totals		
	1-17-07	2-28-07	4-04-07	2007	2-Yr Avg	
	lb/acre					
Wintergrazer 70	2335	1559	<b>4369</b>	<b>8263</b>	<b>7429</b>	30
Oklon	2076	1564	<b>4591</b>	<b>8231</b>	<b>7200</b>	0
Maton II	2235	<b>1777</b>	3968	<b>7980</b>	.	10
Bates	2052	1507	<b>4326</b>	<b>7885</b>	<b>7452</b>	0
NF95307A	2021	<b>1756</b>	4051	<b>7828</b>	.	28
Wrens Abruzzi	2200	<b>1904</b>	3602	7706	<b>7089</b>	10
Bates RS4	2039	1616	4038	7693	.	20
Early Graze	2061	<b>1743</b>	3803	7606	6691	30
Wrens 96	2318	<b>1816</b>	3463	7597	6837	0
AGS104	2248	1438	3899	7584	6995	48
FL96RP16-34-1	1917	1411	3585	6913	6432	45
FLCNT-1-P1	2540	466	2779	5785	5622	85
FLCNT1 Sel	2636	410	2522	5567	5406	85
FLBDZA580 Sel	<b>2923</b>	336	2056	5315	5419	85
Average	2257	1379	3647	7282	6597 <sup>2</sup>	34
LSD at 10% Level	250	200	386	508	418	14
Std. Err. of Entry Mean	105	82	162	213	250	6

1. Rated as percent of foliage damaged by low temperature.

2. C.V. = 5.8%, and df for EMS = 39.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: November 1, 2006.

Seeding Rate: 36 seed/foot in 7" rows.

Soil Type: Greenville sandy clay loam.

Soil Test: P = Low, K = High, and pH = 6.1.

Fertilization: Preplant: 56 lb N, 88 lb P<sub>2</sub>O<sub>5</sub>, and 24 lb K<sub>2</sub>O/acre.

Topdress: 40 lb N/acre after 1st and 2nd harvests.

Management: Subsoiled and rototilled.

Previous Crop: Peanut.

Test conducted by A. E. Coy, R. Brooke, R. Jackson, and R. Pines.

## Griffin, Georgia: Rye Forage Performance, 2006-2007

Brand-Variety	Dry Matter Yield				
	Harvest Date			Season Totals	
	12-19-06	2-12-07	3-20-07	2007	2-Yr Avg
----- lb/acre -----					
NF95307A	<b>2875</b>	<b>3799</b>	3807	<b>10481</b>	.
Oklon	<b>2773</b>	1734	<b>5599</b>	<b>10105</b>	<b>7529</b>
Maton II	<b>2889</b>	1994	4924	<b>9806</b>	.
Early Graze	<b>3058</b>	2569	3647	9273	<b>6820</b>
AGS104	<b>3245</b>	2894	2360	8499	<b>6358</b>
Wintergrazer 70	2596	2053	3668	8316	<b>6181</b>
Wrens Abruzzi	1748	<b>3083</b>	3216	8047	<b>6091</b>
FL96RP16-34-1	2324	3151	2536	8012	<b>6017</b>
Bates RS4	1661	1942	4201	7803	.
Bates	1163	1902	4651	7715	<b>5803</b>
Wrens 96	2010	2035	3214	7259	<b>5642</b>
FLBDZA580 Sel	<b>3149</b>	2033	1842	7024	<b>5950</b>
FLCNT1 Sel	2706	1871	2388	6966	<b>5420</b>
FLCNT-1-P1	<b>3428</b>	1609	1789	6826	<b>5602</b>
Average	2545	2333	3417	8295 <sup>1</sup>	6129
LSD at 10% Level	677	769	421	1017	N.S. <sup>2</sup>
Std. Err. of Entry Mean	284	323	177	427	259

1. C.V. = 10.3%, and df for EMS = 39.

2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: October 4, 2006.

Seeding Rate: 36 seed/foot in 7" rows.

Soil Type: Cecil sandy clay loam.

Soil Test: P = Medium, K = High, and pH = 6.9.

Fertilization: Preplant: 49 lb N, 98 lb P<sub>2</sub>O<sub>5</sub>, and 147 lb K<sub>2</sub>O/acre.

Topdress: 50 lb N/acre after 1st and 2nd harvests.

Management: Chisel plowed, disked, and rototilled.

Previous Crop: Fallow.

Test conducted by J. Gasset, G. Ware, and D. Day.

## Marianna, Florida: Rye Forage Performance, 2006-2007

Brand-Variety	Dry Matter Yield						Season Totals		Cold Damage <sup>1</sup>
	Harvest Date						2007	2-Yr Avg	
	1-12-07	1-24-07	2-20-07	3-06-07	3-28-07	4-25-07			lb/acre
Oklon	.	<b>232</b>	477	<b>867</b>	<b>2271</b>	<b>1412</b>	<b>5258</b>	<b>5197</b>	0
Bates RS4	<b>446</b>	<b>275</b>	<b>863</b>	<b>983</b>	1652	1003	<b>5221</b>	.	0
Wintergrazer 70	.	<b>467</b>	783	<b>828</b>	1645	<b>1278</b>	<b>5001</b>	<b>5025</b>	0
Wrens Abruzzi	.	<b>502</b>	<b>1031</b>	<b>979</b>	1671	811	<b>4993</b>	<b>5044</b>	0
Bates	.	<b>390</b>	526	<b>842</b>	<b>2008</b>	1192	<b>4958</b>	<b>4866</b>	0
Wrens 96	.	<b>401</b>	<b>975</b>	<b>998</b>	1682	786	<b>4842</b>	<b>4966</b>	10
NF95307A	.	<b>397</b>	786	<b>977</b>	1737	789	<b>4686</b>	.	0
FLCNT1 Sel	<b>732</b>	<b>277</b>	854	626	1235	946	<b>4669</b>	<b>4459</b>	10
FLCNT-1-P1	<b>617</b>	<b>846</b>	568	613	1065	917	<b>4626</b>	<b>4240</b>	0
FLBDZA580 Sel	<b>690</b>	<b>324</b>	<b>906</b>	576	1164	616	4275	<b>4276</b>	0
FL96RP16-34-1	.	<b>408</b>	852	751	1270	828	4110	<b>4719</b>	0
AGS104	.	<b>259</b>	<b>1102</b>	687	1234	819	4100	<b>4517</b>	40
Average	621	398	810	810	1553	950	4728 <sup>2</sup>	4731	10
LSD at 10% Level	N.S. <sup>3</sup>	N.S.	248	193	369	196	719	N.S.	1
Std. Err. of Entry Mean	78	320	104	80	154	82	300	296	1

1. Rated as percent of foliage damaged by low temperature.
2. C.V. = 12.7%, and df for EMS = 33.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: October 30, 2006.

Seeding Rate: 36 seed/foot in 7" rows.

Soil Type: Chipola loamy sand.

Soil Test: P = Medium, K = Medium, and pH = 6.4.

Fertilization: Preplant: 50 lb N, 40 lb P<sub>2</sub>O<sub>5</sub>, and 60 lb K<sub>2</sub>O/acre.

Topdress: 50 lb N/acre after 1st, 2nd, 3rd, 4th, and 5th harvests.

Management: Moldboard plowed and rototilled; to avoid stand loss 1.0 inch/acre irrigation on 3-31-07, 4-05-07, 4-12-07, and 4-20-07.

Previous Crop: Corn.

Test conducted by J. Jones.

## Statewide Summary: Rye Forage Performance, 2006-2007 with Two- and Three-Year Averages

Brand-Variety	Dry Forage Yield								
	Tifton		Plains		Griffin		Statewide		
	2007	3-Year Average	2007	3-Year Average	2007	3-Year Average	2007	2-Year Average	3-Year Average
	----- lb/acre -----								
AGS104	8255	6894	7584	<b>7521</b>	8499	<b>6077</b>	8113	6925	6831
Bates	<b>8560</b>	<b>7513</b>	<b>7885</b>	<b>8296</b>	7715	<b>5714</b>	8053	7139	7174
Bates RS4	<b>8529</b>	.	7693	.	7803	.	8008	.	.
Early Graze	8129	7095	7606	<b>7673</b>	9273	<b>6086</b>	<b>8336</b>	7050	6951
FL96RP16-34-1	7698	6693	6913	<b>7617</b>	8012	<b>5573</b>	7541	6519	6628
FLBDZA580 Sel	6582	.	5315	.	7024	.	6307	5977	.
FLCNT-1-P1	5868	.	5785	.	6826	.	6160	5618	.
FLCNT1 Sel	5941	.	5567	.	6966	.	6158	5596	.
Maton II	8468	.	<b>7980</b>	.	<b>9806</b>	.	<b>8751</b>	.	.
NF95307A	<b>8703</b>	.	<b>7828</b>	.	<b>10481</b>	.	<b>9004</b>	.	.
Oklon	<b>8969</b>	<b>7608</b>	<b>8231</b>	<b>8240</b>	<b>10105</b>	<b>6565</b>	<b>9102</b>	<b>7644</b>	<b>7471</b>
Wintergrazer 70	<b>8603</b>	<b>7742</b>	<b>8263</b>	<b>8511</b>	8316	<b>5605</b>	<b>8394</b>	7299	<b>7286</b>
Wrens 96	<b>8729</b>	7213	7597	<b>7660</b>	7259	<b>5484</b>	7862	6776	6785
Wrens Abruzzi	8368	6827	7706	<b>7505</b>	8047	<b>5634</b>	8040	6894	6655
Average	7957	7198	7282	7878	8295	5842	7845	6676	6973
LSD at 10% Level	484	303	508	N.S. <sup>1</sup>	1017	N.S.	768	278	245
Std. Err. of Entry Mean	203	128	213	218	427	187	173	119	105

1. The F-Test indicated no statistical difference at the alpha = 0.1 probability level; therefore an LSD value was not calculated.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).