

Oat

Tifton, Georgia: Oat Forage Performance, 2011-2012

Brand-Variety	Dry Matter Yield					Survival %
	Harvest Date			Season Totals		
	1-05-12	2-09-12	3-15-12	2012	2-Yr Avg	
	----- lb/acre -----					
FL06050-N2	2857	2555	3278	8690	.	98
Horizon 201	2893	2490	3117	8499	8072	98
Plot Spike LA9339	2455	2537	3043	8035	7921	100
NF95418	2230	2751	3012	7993	7797	100
NF27	2019	2357	3363	7739	7698	100
Harrison	1762	2895	3073	7730	.	100
LA05006GSBS-65-S1	2819	2328	2492	7638	7440	100
Horizon 270	2477	2163	2882	7521	.	100
Kona	3158	1679	2605	7442	.	98
TAMO 411	1884	2605	2945	7434	.	100
07-LFWH	2701	2187	2492	7379	7365	98
EverLeaf 114	3193	1895	2156	7244	.	88
LA020265SBSBSBSB-88	1804	2644	2760	7207	.	100
SS76-40	1843	2788	2529	7159	7505	100
TX05CS542	1869	3143	2032	7044	.	100
FL02011	3500	1621	1912	7033	.	91
RAM LA99016	1612	2623	2781	7016	7542	100
FL04179-L2	1913	2372	2727	7012	.	100
LA04004SBSB-7-B-S1	1348	2705	2893	6946	.	100
Exp 76-50	1422	2838	2681	6941	7249	100
FL06107-N3	3348	1485	2019	6852	.	85
EverLeaf 126	2975	1847	2013	6835	.	94
Shooting Star	2758	1634	2147	6538	.	98
TAMO 406	1538	1991	2838	6366	6684	100
Average	2349	2339	2658	7345 ¹	7527	98
LSD at 10% Level	384	374	391	544	N.S. ²	4
Std. Err. of Entry Mean	162	158	166	230	222	2

1. C.V. = 6.3%, and df for EMS = 69.

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 25, 2011.

Seeding Rate: 22 seed/foot in 7" rows.

Soil Type: Tifton sandy loam.

Soil Test: P = Medium, K = Medium, and pH = 5.9.

Fertilization: Preplant: 50 lb N, 50 lb P₂O₅, and 50 lb K₂O/acre.

Topdress: 35 lb N/acre after 1st and 2nd harvests.

Management: Disked, chisel plowed and rototilled.

Previous Crop: Wheat.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Plains, Georgia: Oat Forage Performance, 2011-2012

Brand-Variety	Dry Matter Yield				Season Totals		Survival %
	Harvest Date				2012	2-Yr Avg	
	12-19-11	1-26-12	3-01-12	4-13-12			
----- lb/acre -----							
NF95418	1122	2008	2424	4628	10182	.	95
Plot Spike LA9339	1518	2213	2124	4243	10097	8011	95
LA05006GSBS-65-S1	1706	1932	2158	3982	9777	7977	95
NF27	1098	1749	2477	4380	9703	.	100
SS76-40	1285	2113	2037	4269	9703	8206	95
FL06050-N2	1226	2015	2006	4430	9677	.	100
TX05CS542	1006	2091	1882	4432	9411	.	100
Harrison	1067	1958	2048	4335	9407	.	100
LA04004SBSB-7-B-S1	850	1740	2492	4295	9376	.	95
LA020265SBSBSBSB-88	806	1777	2522	4256	9361	.	95
FL04179-L2	1076	1651	2178	4406	9311	.	95
Horizon 270	1324	1803	1864	4304	9295	.	100
Exp 76-50	937	2169	2524	3618	9248	7483	100
TAMO 411	1220	1699	2433	3607	8958	.	100
Horizon 201	1444	1608	1923	3701	8675	7567	90
RAM LA99016	967	1699	1862	4112	8641	7489	100
TAMO 406	1044	1525	2675	3357	8599	6936	100
FL02011	1775	1192	1409	3633	8009	.	80
07-LFWH	1575	1496	1257	3221	7549	6796	88
FL06107-N3	1707	1189	1257	3010	7163	.	90
Shooting Star	1516	1361	1192	2738	6807	.	75
EverLeaf 126	1867	654	982	2172	5674	.	50
Kona	1973	806	910	1799	5488	.	52
EverLeaf 114	1542	782	897	2126	5347	.	60
Average	1319	1634	1897	3710	8561 ¹	7558	90
LSD at 10% Level	473	363	278	576	838	N.S. ²	5
Std. Err. of Entry Mean	200	154	118	244	356	236	2

1. C.V. = 8.3%, and df for EMS = 69.

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 26, 2011.

Seeding Rate: 22 seed/foot in 7" rows.

Soil Type: Greenville sandy loam.

Soil Test: P = Medium, K = High, and pH = 5.8.

Fertilization: Preplant: 15 lb N, 66 lb P₂O₅, and 18 lb K₂O/acre.

Topdress: 40 lb N/acre after 1st, 2nd, and 3rd harvests.

Management: Disked, chisel plowed and rototilled.

Previous Crop: Corn.

Test conducted by A. Coy, R. Brooke, D. Dunn and R. Pines.

Griffin, Georgia: Oat Forage Performance, 2011-2012

Brand-Variety	Dry Matter Yield				
	Harvest Date			Season Totals	
	1-31-12	3-08-12	4-09-12	2012	2-Yr Avg
----- lb/acre -----					
Plot Spike LA9339	1481	2473	4887	8841	9924
RAM LA99016	1333	2261	5190	8784	10782
LA05006GSBS-65-S1	1875	1513	5390	8778	10699
FL04179-L2	1424	1987	5338	8749	.
FL06050-N2	1185	1939	5587	8712	.
NF27	744	2434	5401	8578	10585
TX05CS542	1471	1622	5475	8569	.
Horizon 201	1899	1402	5238	8539	9817
LA04004SBSB-7-B-S1	877	2061	5513	8451	.
NF95418	1505	1556	5240	8301	10778
Exp 76-50	1020	2274	4849	8143	8914
Harrison	1537	1343	5219	8099	.
TAMO 411	993	1930	5151	8074	.
FL02011	1802	1302	4952	8055	.
Horizon 270	1578	1288	5085	7951	.
FL06107-N3	2474	1078	4337	7889	.
LA020265SBSBSBSB-88	798	1732	5319	7849	.
SS76-40	1000	1907	4920	7826	10758
07-LFWH	2180	1104	4441	7725	10383
TAMO 406	741	1735	5122	7597	9322
Shooting Star	1511	1156	4451	7118	.
Kona	1904	940	4251	7095	.
EverLeaf 126	1710	726	4470	6906	.
EverLeaf 114	1690	1128	4061	6879	.
Average	1447	1620	4995	8063 ¹	10196
LSD at 10% Level	597	348	515	802	N.S. ²
Std. Err. of Entry Mean	254	148	218	340	373

1. C.V. = 8.4%, and df for EMS = 69.

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 7, 2011.

Seeding Rate: 22 seed/foot in 7" rows.

Soil Type: Cecil clay loam.

Soil Test: P = Medium, K = High, and pH = 5.4.

Fertilization: Preplant: 50 lb N, 100 lb P₂O₅, and 150 lb K₂O/acre.
 50 lb N/acre after 1st and 2nd harvests.

Management: Chisel plowed, disked and rototilled.

Previous Crop: Fallow.

Test conducted by J. Gassett and G. Ware.

Marianna, Florida: Oat Forage Performance, 2011-2012

Brand-Variety	Dry Matter Yield					Season Totals	
	Harvest Date					2012	2-Yr Avg
	1-04-12	1-30-12	2-29-12	3-27-12	5-01-12		
	----- lb/acre -----						
RAM LA99016	743	1552	2142	1147	984	6567	6676
LA05006GSBS-65-S1	1148	1307	1949	1076	1064	6544	7036
FL04179-L2	725	1413	1840	1318	1240	6535	.
FL06050-N2	929	1299	1785	1170	1119	6301	.
LA04004SBSB-7-B-S1	469	1313	2165	1026	1085	6057	.
Exp 76-50	513	1459	2179	922	963	6035	6285
TX05CS542	763	1515	1712	1450	491	5930	.
Plot Spike LA9339	642	1345	2043	795	1049	5874	6096
SS76-40	532	1444	1639	1204	1044	5864	6226
Horizon 201	988	1359	1918	829	760	5854	6305
Horizon 270	1101	1192	1385	1035	1025	5736	.
07-LFWH	881	1097	1375	1001	1352	5705	5822
TAMO 411	279	1379	2222	709	1046	5635	.
TAMO 406	304	1133	2095	950	1114	5595	5680
FL02011	1304	1035	1297	1012	906	5553	.
LA020265SBSBSBSB-88	374	1314	1799	934	1123	5544	.
Shooting Star	1208	884	1212	607	1104	5014	.
Kona	1528	908	1240	533	694	4902	.
FL06107-N3	1696	776	1040	905	362	4778	.
EverLeaf 114	1903	764	1073	522	516	4777	.
EverLeaf 126	1509	789	1079	378	585	4339	.
Average	930	1203	1675	930	934	5673 ¹	6266
LSD at 10% Level	317	189	218	232	301	535	409
Std. Err. of Entry Mean	134	80	92	98	127	226	172

1. C.V. = 7.9%, and df for EMS = 60.

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

Planted: November 9, 2011.

Seeding Rate: 22 seed/foot in 7" rows.

Soil Type: Chipola loamy sand.

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

Fertilization: Preplant: 30 lb N, 0 lb P₂O₅, and 60 lb K₂O/acre.

Topdress: 51 lb N/acre after 1st, 2nd, 3rd, and 4th harvests.

Management: Moldboard plowed and rototilled; Buctril and Harmony Extra used for weed control.

Previous Crop: Corn.

Test conducted by J. Jones.

Statewide Summary: Oat Forage Performance, 2011-2012 with Two- and Three-Year Averages

Brand-Variety	Dry Forage Yield											
	Tifton			Plains			Griffin			Statewide		
	2-Yr	3-Yr		2-Yr	3-Yr		2-Yr	3-Yr		2-Yr	3-Yr	
	2012	Avg	Avg	2012	Avg	Avg	2012	Avg	Avg	2012	Avg	Avg
----- lb/acre -----												
07-LFWH	7379	7365	.	7549	6796	.	7725	10383	.	7551	8181	.
EverLeaf 114	7244	.	.	5347	.	.	6879	.	.	6490	.	.
EverLeaf 126	6835	.	.	5674	.	.	6906	.	.	6471	.	.
Exp 76-50	6941	7249	.	9248	7483	.	8143	8914	.	8111	7882	.
FL02011	7033	.	.	8009	.	.	8055	.	.	7699	.	.
FL04179-L2	7012	.	.	9311	.	.	8749	.	.	8357	.	.
FL06050-N2	8690	.	.	9677	.	.	8712	.	.	9026	.	.
FL06107-N3	6852	.	.	7163	.	.	7889	.	.	7301	.	.
Harrison	7730	.	.	9407	.	.	8099	.	.	8412	.	.
Horizon 201	8499	8072	7026	8675	7567	7411	8539	9817	7965	8571	8485	7467
Horizon 270	7521	.	.	9295	.	.	7951	.	.	8256	.	.
Kona	7442	.	.	5488	.	.	7095	.	.	6675	.	.
LA020265SBSBSBSB-88	7207	.	.	9361	.	.	7849	.	.	8139	.	.
LA04004SBSB-7-B-S1	6946	.	.	9376	.	.	8451	.	.	8258	.	.
LA05006GSBS-65-S1	7638	.	.	9777	.	.	8778	.	.	8731	8705	.
NF27	7739	7698	6851	9703	.	.	8578	10585	8453	8673	.	.
NF95418	7993	7797	.	10182	.	.	8301	10778	.	8825	.	.
Plot Spike LA9339	8035	7921	6804	10097	8011	7652	8841	9924	8066	8991	8519	7507
RAM LA99016	7016	7542	6539	8641	7489	7442	8784	10782	8816	8147	8604	7599
SS76-40	7159	7505	6343	9703	8206	7721	7826	10758	8443	8229	8823	7502
Shooting Star	6538	.	.	6807	.	.	7118	.	.	6821	.	.
TAMO 406	6366	6684	5878	8599	6936	6885	7597	9322	7581	7521	7648	6781
TX05CS347-1	7434	.	.	8958	.	.	8074	.	.	8155	.	.
TX05CS542	7044	.	.	9411	.	.	8569	.	.	8341	.	.
Average	7345	7537	6574	8561	7498	7422	8063	10140	8220	7990	8368	7371
LSD at 10% Level	544	N.S. ¹	403	838	N.S.	N.S.	802	N.S.	N.S.	1006	404	N.S.
Std. Err. of Entry Mean	230	222	170	356	242	186	340	333	274	181	173	125

1. The F-Test indicated no statistical difference at the alpha = 0.10 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).