

**Table 2. Forage dry matter yields at Poplarville, 2016.**

Species/Variety	Ecotype	Harvest date		Total
		5/16/16	7/17/16	
		<i>lb/A</i>	<i>lb/A</i>	<i>lb/A</i>
<b>Big bluestem</b>				
Earl	—	4121	2732	6853
Kaw	—	4866	3783	8649
OZ-70	—	5139	3617	8755
Roundtree	—	4572	2815	7387
Suther	—	4573	3271	7844
<b>Indiangrass</b>				
Cheyenne	—	2674	2464	5137
Cycle 7 IG	—	3342	3108	6450
<b>Little bluestem</b>				
Aldous	—	—	2224	2224
Cimmarron	—	—	1333	1333
<b>Switchgrass</b>				
Alamo	Lowland	5176	2864	8039
Blackwell	Upland	2893	1351	4243
Cave n Rock	Upland	3465	2506	5970
Cycle 7 UPSG	Upland	3526	2532	6057
Espresso	Lowland	5764	2546	8310
Kanlow	Lowland	3011	2728	5740
Mean		4086	2658	6199
CV, %		13	26	17
LSD (0.05)		812	1014	1521
Planted: May 29, 2013	Soil type: Basin Loam			

**Table 3. Total annual forage dry matter yields from 2014–16 at Poplarville.**

Species/Variety	Ecotype	Harvest date			3-yr. avg.
		2014	2015	2016	
		<i>lb/A</i>	<i>lb/A</i>	<i>lb/A</i>	<i>lb/A</i>
<b>Big bluestem</b>					
Earl	—	5829	5879	6853	6186
Kaw	—	9311	7359	8649	8440
OZ-70	—	10379	7967	8755	9034
Roundtree	—	9418	7455	7387	8087
Suther	—	9031	8367	7844	8414
<b>Indiangrass</b>					
Cheyenne	—	5155	2234	5137	4175
Cycle 7 IG	—	6658	2449	6450	5186
<b>Little bluestem</b>					
Aldous	—	4408	2502	2224	3045
Cimmarron	—	4432	2211	1333	2659
<b>Switchgrass</b>					
Alamo	Lowland	6880	5809	8039	6909
Blackwell	Upland	4964	3730	4243	4313
Cave n Rock	Upland	4946	5271	5970	5396
Cycle 7 UPSG	Upland	6555	4705	6057	5772
Espresso	Lowland	5992	6747	8310	7017
Kanlow	Lowland	5649	5286	5740	5558
Mean		6640	5198	6199	6013
CV, %		14	21	17	11
LSD (0.05)		1368	1585	1521	984
Planted: May 29, 2013		Soil type: Basin Loam			

**Table 4. Forage dry matter yields at Newton, 2016.**

Species/Variety	Harvest date		Total
	6/18/16	8/25/16	
	<i>lb/A</i>	<i>lb/A</i>	<i>lb/A</i>
<b>Big Bluestem</b>			
Earl	2970	2549	5519
Kaw	3910	3748	7658
OZ-70	3593	3332	6925
Roundtree	2857	3296	6153
Suther	3476	3533	7008
<b>Indiangrass</b>			
Cheyenne	4262	3301	7563
Cycle 7 IG	3493	3190	6682
<b>Little Bluestem</b>			
Aldous	2423	3752	6174
Cimmarron	2249	3239	5489
Mean	3180	3403	6583
CV, %	22	20	15
LSD (0.05)	NS <sup>1</sup>	NS	1503
<sup>1</sup> NS = Not Significant Planted: May 24, 2013                      Replanted: June 5, 2014                      Soil type: Prentiss Fine Sandy Loam			

**Table 5. Total annual forage dry matter yields from 2014–16 at Newton.**

Species/Variety	Harvest date			3-yr. avg.
	2014	2015	2016	
	<i>lb/A</i>	<i>lb/A</i>	<i>lb/A</i>	<i>lb/A</i>
<b>Big Bluestem</b>				
Earl	2568	3443	5519	3844
Kaw	3356	4721	7658	5245
OZ-70	4269	5192	6925	5462
Roundtree	2256	3489	6153	3966
Suther	3072	4068	7008	4716
<b>Indiangrass</b>				
Cheyenne	—	4722	7563	—
Cycle 7 IG	—	4382	6682	—
<b>Little Bluestem</b>				
Aldous	—	3582	6174	—
Cimmarron	—	4756	5489	—
Mean	3072	4302	6583	4716
CV, %	36	25	15	14
LSD (0.05)	NS <sup>1</sup>	NS	1503	1039
<sup>1</sup> NS = Not Significant Planted: May 24, 2013                      Replanted: June 5, 2014                      Soil type: Prentiss Fine Sandy Loam				

**Table 6. Forage dry matter yields at Starkville, 2016.**

Species/Variety	Ecotype	Harvest date		Total
		6/13/16	9/1/16	
		<i>lb/A</i>	<i>lb/A</i>	<i>lb/A</i>
<b>Big Bluestem</b>				
Cycle 7 BBS	—	2728	3044	5772
Earl	—	2350	2437	4787
Kaw	—	2069	2595	4664
OZ-70	—	2360	2687	5047
Roundtree	—	2710	2913	5624
Suther	—	2305	3055	5360
<b>Switchgrass</b>				
Alamo	Lowland	3025	—	3025
Blackwell	Upland	1787	—	1787
Cave n Rock	Upland	2058	—	2058
Cycle 7 UPSG	Upland	2769	—	2769
Espresso	Lowland	2092	—	2092
Kanlow	Lowland	1609	—	1609
Mean		2322	2789	3716
CV, %		30	15	20
LSD (0.05)		NS <sup>1</sup>	NS	NS
<sup>1</sup> NS = Not Significant Planted: May 30, 2013				
Soil type: Marietta Fine Sandy Loam				

**Table 7. Total annual forage dry matter yields from 2014–16 at Starkville.**

Species/Variety	Ecotype	Harvest date			3-yr. avg.
		2014	2015	2016	
		<i>lb/A</i>	<i>lb/A</i>	<i>lb/A</i>	<i>lb/A</i>
<b>Big Bluestem</b>					
Cycle 7 BBS	—	3775	6727	5772	5425
Earl	—	3242	6686	4787	4905
Kaw	—	3336	5814	4664	4605
OZ-70	—	3578	6544	5047	5056
Roundtree	—	3464	6359	5624	5149
Suther	—	3083	6698	5360	5047
<b>Switchgrass</b>					
Alamo	Lowland	2407	7135	3025	4189
Blackwell	Upland	719	3741	1787	2082
Cave n Rock	Upland	1578	3745	2058	2460
Cycle 7 UPSG	Upland	1349	4573	2769	2897
Espresso	Lowland	2234	5108	2092	3145
Kanlow	Lowland	1049	4756	1609	2471
Mean		2484	5657	3716	3953
CV, %		32	21	20	20
LSD (0.05)		NS <sup>1</sup>	1774	NS	NS
<sup>1</sup> NS = Not Significant Planted: May 30, 2013					
Soil type: Marietta Fine Sandy Loam					

**Table 8. Three-year average forage DM yield for species at Poplarville, Newton, and Starkville.**

<b>Species</b>	<b>Poplarville</b>	<b>Newton</b>	<b>Starkville</b>
	<i>lb/A</i>	<i>lb/A</i>	<i>lb/A</i>
Big bluestem	7405	4182	6471
Indiangrass	2341	4551	—
Little bluestem	2356	4169	—
Switchgrass	5257	—	4842
Mean	4339	4300	5656
LSD (0.05)	1827	NS <sup>1</sup>	827
CV, %	24	27	25

<sup>1</sup>NS = Not Significant