

Cutting Sorghums



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Boot Stage



King's AgriSeeds Sorghum Boot Stage Harvest Trial												
2013 - 2014 Summary from Mt Joy, PA												
	DM Yield	Tons @	Plant	Days to	%	%	%	%	%	%	%	%
	Tons/A	0.65	Height "	Boot	CP	ADF	aNDFom	Lignin	NDFd 30 hr	Sugar	NEL	Kd Rate
AF7401	6.9	19.8	43.0	69.5	11.9	33.5	55.2	2.93	55.5	5.5	0.64	5.33
AS6402	5.4	15.4	57.3	64.5	12.8	32.9	55.0	2.83	53.8	7.9	0.65	5.31
AF7301	5.1	14.6	60.5	57.5	10.5	32.4	55.8	2.95	57.5	10.6	0.66	5.60
AF7202	4.4	12.5	51.8	54.0	12.5	30.3	54.7	2.43	60.0	9.6	0.70	6.00
AF7102	4.0	11.3	48.2	53.5	12.4	31.1	54.8	2.52	58.8	9.6	0.69	5.86
AF7201	3.8	10.9	61.5	50.0	10.7	32.0	56.4	2.93	57.7	10.5	0.69	5.94
AF7101	3.8	10.7	59.2	47.5	12.2	31.7	56.8	2.75	59.0	9.0	0.69	6.23
Mean	4.8	13.6	54.5	56.6	11.8	32.0	55.5	2.76	57.4	8.9	0.67	5.75
Lodging was not an issue with any varieties during both years.												

2014-2015 King's Sorghum Sudan and Millet Trial					
Mt. Joy, Pa and Christiana, PA					
	DM Yield	DM Yield	DM Yield		
	Tons/A	Tons/A	Tons/A	Cut 1	Quality
	Cut 1	Cut 2	Total	% CP	% ADF
				aNDFom	% Lignin
				% NDFd 30 hr	% TTNDFD
				Sugar ESC	NEL
				Kd Rate	
	% CP	% ADF	% aNDFom	% Lignin	% NDFd 30 hr
	% TTNDFD	Sugar ESC	NEL	Kd Rate	
SWEET SIX BMR	2.4	2.8	5.2	12.8	30.8
ExCeed Millet	1.6	3.1	4.7	14.8	32.8
AS 6501	2.3	2.4	4.6	14.9	31.7
Wonderleaf Millet	1.5	2.9	4.4	15.1	30.6
TriLeaf Millet	1.5	2.8	4.2	15.3	34.0
AS 6402	1.9	2.1	4.0	15.5	32.4
12SU7006	1.7	2.1	3.8	16.2	31.9
SURPASS	1.7	2.1	3.8	15.8	31.8
Mean	1.8	2.5	4.3	15.0	32.0



Nutritional Comparison of Sorghums

Forage Type	CP	ADF	NDF	STARCH	NDFD-30	NEL	LIG	K	Total Sugar
Forage Sorghum Boot Average	10.2	33.2	57.0	1.3	49.1	0.67	2.5	3.6	5.7
Sorghum Sudan Average	14.2	34.5	62.0	1.1	56.6	0.68	2.8	4.3	3.8
Forage Sorghum Soft Dough Average	7.5	27.6	46.2	16.4	40.6	0.69	2.4	2.0	7.1
Typical Corn Averages	8.8	28.5	49.0	38.5	48.8	0.70	3.5	1.6	2.5

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2015 King's Millet and Sudangrass Strip Trial @ Oakley Farms					
Planted	6/13/15				
Harvested	7/13/15	8/12/15			
				Lodging Score	
	DM Yield	DM Yield	DM Yield	Plant	1-9
	Tons/A	Tons/A	Tons/A	Height "	1 is Best
	Cut 1	Cut 2	Total	Average	Average
	CP %	ADF %	aNDFom %	NDFd 30 hr %	TTNDFD%
HAYKING SUDANGRASS	3.5	6.6	10.1	53.5	3.0
AS 9301 SUDANGRASS	4.1	5.4	9.5	46.0	4.5
AS 9302 SUDANGRASS	4.3	4.7	9.0	38.5	1.0
WONDERLEAF MILLET	3.7	4.9	8.6	39.5	1.0
EXCEED BMR MILLET	3.6	4.8	8.4	34.5	1.0
FL MILLET	4.2	3.8	8.0	39.0	1.0
Mean	3.9	5.0	8.9	41.8	1.9
LSD (.05)	0.4	0.4			
cv (%)	14.7	13.5			

2014-2015 King's Sorghum Sudan and Millet Trial

Mt. Joy, Pa and Christiana, PA

DM Yield DM Yield DM Yield

Tons/A Tons/A Tons/A

SWEET SIX BMP	2.4	2.8
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ExCeed Millet	1.6	3.1
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AS 6501	2.3	2.4

Wonderhear Winnet	1.5	2.5

AS 6402	1.9	2.1
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12SU7006	1.7	2.1
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SURPASS	1.7	2.1

Mean	1.8	2.5