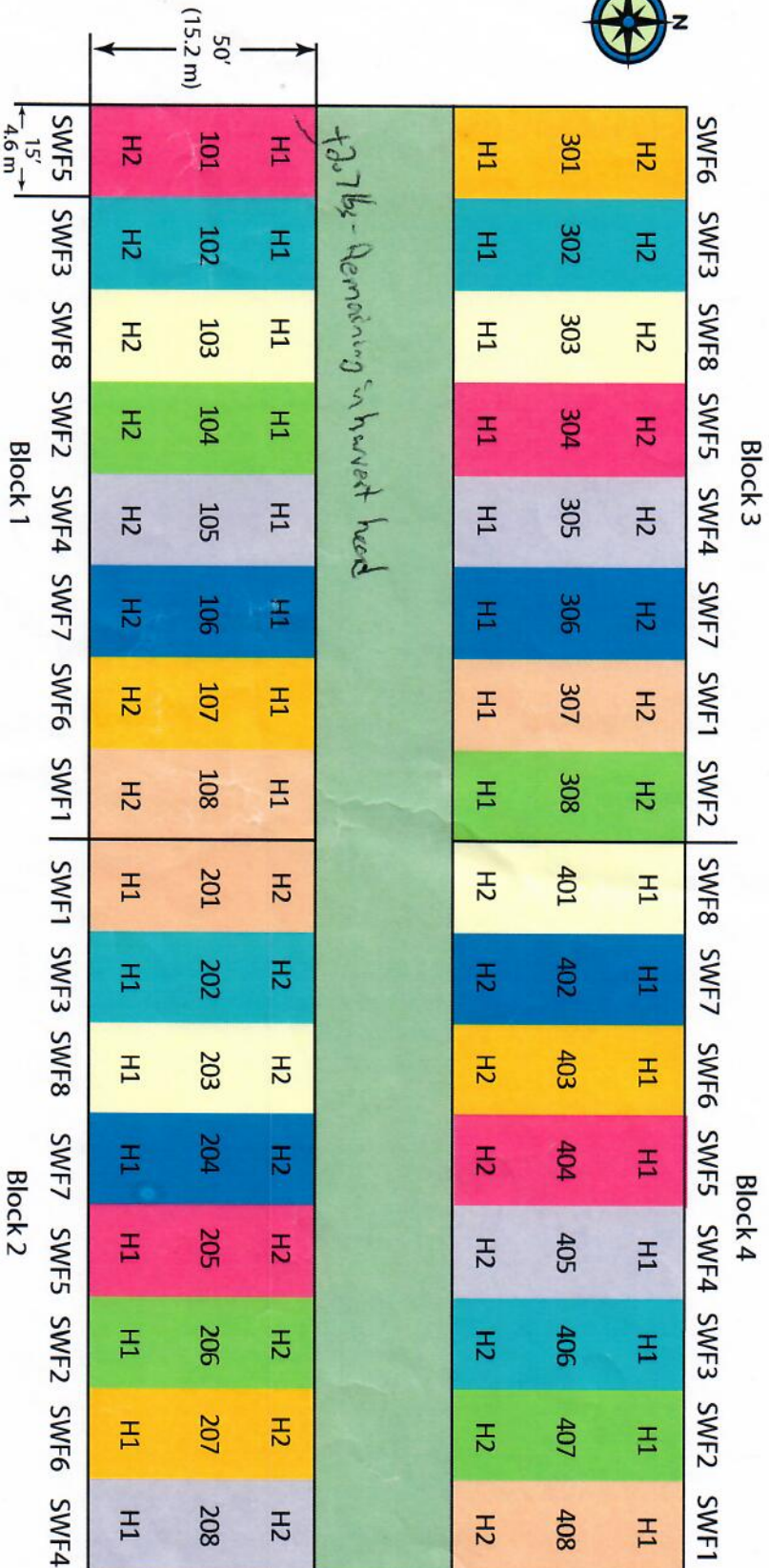


July 9, 2011
~~Harvest of~~
 First Harvest of H2

KBS GLBRC Switchgrass Nitrogen/Harvest Experiment



Nitrogen Legend

	SWF1	SWF2	SWF3	SWF4	SWF5	SWF6	SWF7	SWF8
N(lb/a)	0	25	50	75	100	125	150	175
N(kg/ha)	0	28	56	84	112	140	168	196

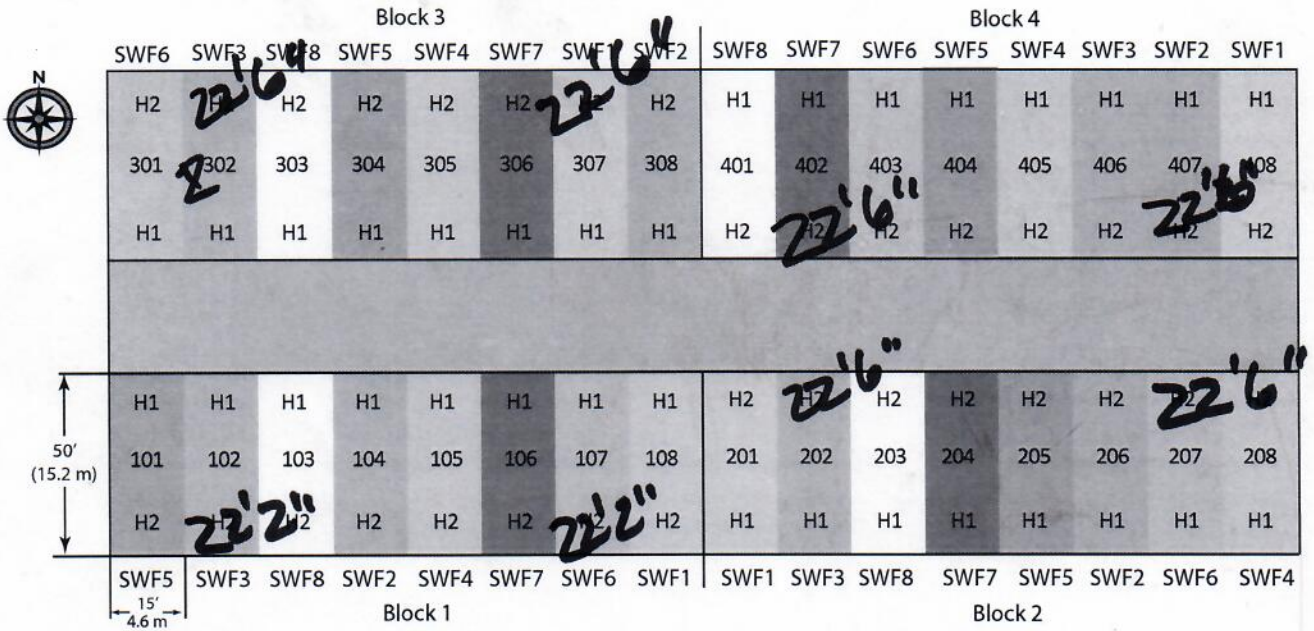
Harvest Legend

H1	Fall Harvest
H2	Summer and Fall Harvest

All treatments established June 2008
 Each plot is 15' x 50' (4.6 m x 15.2 m)

B3 Crepper gear
 2000 RPM
 0.36 mph

KBS GLBRC Switchgrass Nitrogen/Harvest Experiment



Nitrogen Legend

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N(lb/a)	0	25	50	75	100	125	150	175
N(kg/ha)	0	28	56	84	112	140	168	196

Harvest Legend

- H1 Fall Harvest
- H2 Summer and Fall Harvest

All treatments established June 2008
 Each plot is 15' x 50' (4.6 m x 15.2 m)

41 width

		WetWeight(g)	DryWeight(g)
SWF5	101	556.49	186.84
SWF3	102	700.34	242.94
SWF8	103	774.91	239.86
SWF2	104	582.73	203.76
SWF4	105	584.88	191.47
SWF7	106	669.56	191.79
SWF6	107	607.63	190.65
SWF1	108	643.55	212.70
SWF1	201	618.34	218.00
SWF3	202	657.13	226.13
SWF8	203	861.4	285.29
SWF7	204	759.51	260.48
SWF5	205	817.1	275.38
SWF2	206	779.53	263.14
SWF6	207	783.97	246.80
SWF4	208	864.0	283.44
SWF6	301	746.78	248.65
SWF3	302	730.51	246.97
SWF8	303	711.13	226.87
SWF5	304	913.2	301.51
SWF4	305	804.26	268.25
SWF7	306	987.6	298.51
SWF1	307	890.2	286.50
SWF2	308	947.9	304.66
SWF8	401	718.17	254.85
SWF7	402	732.28	251.76
SWF6	403	839.7	298.19
SWF5	404	694.29	244.20
SWF4	405	791.72	271.69
SWF3	406	918.5	291.30
SWF2	407	920.4	295.70
SWF1	408	843.5	279.26
	Tare1	32.68	30.39
	Tare2	32.43	30.37

7/09/2011 Harvest

7/12/2011
dry weight

H2-SWF

cf JWB

295.20

30.43

318.5

1	43.94	0.00	0.00
1	41.24	0.00	0.00
1	45.36	0.00	0.00
1	49.66	0.00	0.00
1	48.20	0.00	0.00
1	53.52	0.00	0.00
1	55.90	0.00	0.00
1	48.87	0.00	0.00
1	35.06	0.00	0.00
2	43.88	0.00	0.00
2	47.89	0.00	0.00
2	50.12	0.00	0.00
2	43.67	0.00	0.00
2	50.56	0.00	0.00
2	51.59	0.00	0.00
2	56.33	0.00	0.00
2	46.66	0.00	0.00
3	49.25	0.00	0.00
3	54.43	0.00	0.00
3	49.92	0.00	0.00
3	51.44	0.00	0.00
3	50.94	0.00	0.00
3	58.24	0.00	0.00
3	47.99	0.00	0.00
3	51.39	0.00	0.00
4	56.10	0.00	0.00
4	50.04	0.00	0.00
4	45.29	0.00	0.00
4	53.26	0.00	0.00
4	50.83	0.00	0.00
4	56.33	0.00	0.00
4	51.54	0.00	0.00
4	49.69	0.00	0.00

Plus 2.7lbs from grass
remaining
in the
chopper
head.

Range Row

Map File: swh2_1'11
Date: 7/9/11
Time: 3:49:06 PM

Range Row

Ready...

Map File: swh2_1'11
Date: 7/9/11
Time: 4:17:38 PM

Range Row

	Block1	Block2	Block3	Block4
swf1	35.06	43.88	47.99	49.69
swf2	48.20	47.89	51.39	51.54
swf3	45.36	50.12	54.43	56.33
swf4	53.52	43.67	50.94	50.83
swf5	43.94	50.56	51.44	53.26
swf6	48.87	51.59	49.25	45.29
swf7	55.90	56.33	58.24	50.04
swf8	49.66	46.66	49.92	56.10

Anova: Two-Factor Without Replication

<i>SUMMARY</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
swf1	4	176.62	44.155	42.7127
swf2	4	199.02	49.755	3.918567
swf3	4	206.24	51.56	23.83447
swf4	4	198.96	49.74	17.92047
swf5	4	199.2	49.8	16.52613
swf6	4	195	48.75	6.7672
swf7	4	220.51	55.1275	12.53769
swf8	4	202.34	50.585	15.70623
Block1	8	380.51	47.56375	40.8296
Block2	8	390.7	48.8375	17.89211
Block3	8	413.6	51.7	10.55726
Block4	8	413.08	51.635	13.12329

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Treatments	259.71	7	37.10	2.46	0.0523	2.49
Blocks	102.66	3	34.22	2.27	0.11	3.07
Error	317.11	21	15.10			
Total	679.48	31				

NS

NS