

excessive amount  
of OSD removed.

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[illegible]

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Sorted  
+  
Reweighed

	1 Date	2 Loc	3 TRT	4 Plot	5 X	6 Y	7 SPEC	8 WT	9 UTIL	10 NOTES
1	8 01 00	11	UU	4	19	28	OPPD	24.39		—
2							AGSM	1.52		1.25
3							BOGR	0.32		0.31
4							ASOX	2.17		2.14
5							CATHE	6.07		4.02
6	08 01 00	11	UU	1	21	15	AGSM	5.64		3.14
7							ASOX	5.58		5.52
8							P10P	1.93		1.78
9							LIIN	1.01		0.99
10							BOGR	1.54		0.71
11	8 02 00	11	UG	4	9	12	OPPD	10.99	UTIL	—
12							AGSM	1.45		1.44
13							BOGR	1.10		0.74
14							SPCO	0.43		0.45
15							OEAL	0.03		0.03
16						3.10	CATHE	0.65	↓	0.66
17	8 02 00	11	UG	1	51	35	BOGR	4.32	UTIL	COW PIE DISTURBANCE
18							ASOX/ ARFR	8.09		6.01
19							AGSM/ CATHE	2.00		1.99
20							SPCO	0.26	↓	0.25
21	08 02 00	11	UG	4	13	12	AGSM	2.15	NPP	2.15
22							ARFR	2.01		2.01
23							SPCO	1.22		1.20
24							CATHE	0.41		0.41
25							BOGR	3.71	↓	1.67
26	08 02 00	11	UG	3	17	18	BOGR	1.39	UTIL	0.90
27							GACO	0.19		0.19
28							CATHE/ AGSM	1.37		1.11
29							SPCO	0.73	↓	0.72
30										
31										



	1 DATE	2 LOC	3 TRT	4 PLOT	5 X	6 Y	7 SPEC	8 WT	9 UTIL/NPP	10 NOTES
1	08 02 00	11	UG	2	43	30	BOGR	2.21	UTIL	1.84
2							BUDA	2.23		1.64
3							CAHE	2.22		1.79
4							AGSM	0.97		1.00
5							SPLD	0.60		0.61
6							ARFR	0.94	✓	0.94
7	08 02 00	11	UG	2	47	30	AGSM	3.71	NPP	3.71
8							THMI	3.41		3.40
9							ASOX	0.47		0.48
10							ARFR	4.58		4.07
11							CAHE	2.26		2.25
12							SPLD	0.65		0.65
13							BOGR	1.45	✓	0.71
14	08 02 00	11	UG	1	55	35	AGSM	3.31	NPP	2.94
15							ARFR	1.93		1.72
16							SPLD	0.50		0.49
17							ASOX	0.16		0.17
18							CAHE	0.11		0.10
19							BOGR	4.02	✓	2.04
20	08 02 00	11	UG	3	21	18	ARLO	10.39	NPP	10.40
21							SPLD	0.91		0.93
22							CAHE	0.14		0.15
23							ARFR	1.91		1.48
24							AGSM	1.10		1.09
25							BOGR	8.14	✓	4.48
* 26	08 02 00	11	GG	2	28	46	BOGR	3.05	NPP	UNK-Fork inside (same as PG 6-G)
27							CAHE	0.39		0.38
28							SPLD	0.13		0.12
29							BUDA	0.28		0.23
30							ASOX	11.97	✓	11.89
31										

2.31

5.66

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Sorted  
+  
Reweighed

EFFICIENCY LINE # 22-206



	1 Date	2 Loc	3 TRT	4 Plot	5 X	6 Y	7 SPEC	8 WT	9 UTIL/NPP	10 NOTES
* 1	080200	11	GG	1	25	50	BOGR	8.45	UTIL	Bank forb inside looks like. SPL w/wide. Not leave (not op)
2							CAHE	0.18	0.19	
3							SPCO	0.25		? 0.24
4							SPCO	1.30		2.10
5							ARLO	2.13	↓	2.10
6	080200	11	GG	4	32	28	BOGR	8.12	NPP	4.21
7							BUDA	1.44	↓	0.97
8							PIOP/ASOX	1.08	↓	1.08
9	080200	11	GG	2	32	46	ASOX	1.63	UTIL	1.59
10							SPCO	0.22	↓	0.20
11							BOGR	1.83	↓	1.27
12							BUDA	0.85	↓	0.54
13	080200	11	GG	3	47	25	ARLO	18.18	NPP	10.4
14							IP1a	0.06	↓	0.06
15							CAHE	0.85	↓	0.79
16							ARFR/PIOP	6.29	↓	3.28
17							BOGR	9.80	↓	5.09
18	080200	11	GG	3	51	25	AGSM	2.49	UTIL	2.51
19							BUDA	0.16	↓	0.07
20							ARFR	3.15	↓	2.78
21							BOGR	2.47	↓	1.19
22							PIOP	0.25	↓	0.23
23	080200	11	GG	4	36	28	BUDA	0.31	UTIL	0.13
24							CAHE	0.20		0.20
25							OPPO	67.38		—
26							PIOP	0.44		0.50
27							SPCO	0.39		0.38
28							AGSM	1.12		1.05
29	080200	11	GG	1	21	50	OPPO		NPP	
30							BUDA			
31										

GH3-17-03

Add Spco's together -  
Unknown Forb was SPCO

OPPO 3.89



\* Liin sample was separated  
out from Liin/Arfr

pg 5 of 31 Sorted  
+ Reweighed

	1 DATE	2 LOC	3 TRT	4 PLOT	5 X	6 Y	7 SPEC	8 WT	9 Wt/NPP	10 NOTES
1	080200	11	GG	1	21	50	ORPO	27.75	NPP	—
2							BUDA	0.87		0.41
3							CAHE	0.22		0.16
4							BOGR	3.92		1.45
5							ASOX	7.43	✓	7.40
6	080400	5B	uu	4	19	29	BOGR	2.78	NPP	1.09
7							SPCO	0.45		.47
8							ARFR	2.27		1.90
9							AGSM	2.84		1.53
10	080400	5B	uu	2	23	11	BOGR	8.18		4.86
11							CAHE	0.04		0.04
12							AGSM	0.93		0.91
13							ARFR	3.52		3.39
14							SPCO	0.76	✓	0.71
15	080400	5B	uu	5	7	15	BOGR	7.03	NPP	2.52
16							SPCO	0.68		0.67
17							CAHE	0.33		0.33
18							ARFR	0.94		0.90
19							AGSM	0.75	✓	0.70
20	080400	5B	uu	6	5	4	BOGR	4.45	NPP	2.31
21							AGSM	1.44		1.36
22							CAHE	0.66	✓	0.63
23	080400	5B	uu	1	21	15	BOGR	4.80	NPP	1.62
24							ARFR	0.92		0.68
25							SPCO	0.03		0.03
26							AGSM	3.60	✓	2.12
27	080400	5B	uu	3	14	29	Boqr	3.58	NPP	2.00
28							OPPO	3.38		—
29							* Liin	0.10		5.65
30							ARFR	6.00		0.09
31							Piop	0.09		3.93
							Cahe	4.38		0.25
							SPCO	10.25	✓	0.25

\*\*\* sorted-5.17  $\rightarrow$  2.69  $\times$  2 = 5.38  
 unsorted-5.20

initial wt.  
 \* sorted-5.21  $\rightarrow$  4.17  $\times$  2 = 8.34  
 unsorted-5.23

\*\* sorted-4.57  $\rightarrow$  2.95  $\times$  2 = 5.90  
 unsorted-4.58

pg 6 of 31 Sorted  
 Reweighed

	1 Date	2 LOC	3 TRT	4 PLOT	5 X	6 Y	7 SPEC	8 WT	9 unit/MPP	NOTES
1	080400	5B	GU	6	5	4	Bogr	9.15	NPP**	5.91
2							Cahe	1.57	↓	1.27
3							ARFR	1.13	↓	1.05
4	080400	5B	GU	2	23	11	Bogr	2.80	NPP	2.09
5							Agom	5.35	↓	5.19
6							Spco	0.57	↓	0.57
7							Asox	0.10	↓	0.05
8							Cahe	0.22	↓	0.20
9	080400	5B	GU	1	21	15	Bogr	3.92	NPP	2.19
10							Oppo	20.39	↓	—
11							Cahe	0.09	↓	0.09
12							Spco	0.12	↓	0.10
13	80400	5B	GU	3	14	29	Bogr	7.82	NPP	5.02
14							Spco	0.45	↓	0.43
15							ARFR	3.50	↓	3.14
16							AGSM	0.87	↓	0.87
17	80400	5B	GU	5	7	15	Bogr	10.54	NPP**	5.48
18							Arfr	0.34	↓	0.34
19							Pippl/Asox	1.10	↓	0.76 0.29
20	80400	5B	GU	4	19	28	Bogr	8.40	NPP	4.82
21							Spco	0.87	↓	0.77
22							Arfr	0.29	↓	0.26
23							Oeal	0.14	↓	0.16
24							Agom	1.27	↓	1.24
25	8/7/00	5B	UG	2	43	14	Bogr	10.55	8.34* NPP	COWPIE on Plot
26							Spco	0.13		0.12
27							Agom	1.27		1.07
28							Arfr	<0.01		<0.01
29							Cahe	0.17		0.17
30										
31										

\* sorted - 4.30g → 2.54 x 2 = 5.08  
unsorted - 4.31g

pg 7 of 31 Sorted + Reweighed

	1 DATE	2 LOC	3 TRT	4 PLOT	5 X	6 Y	7 SPEC	8 WT	9 UNIT/NPP	NOTES
1	8/7/00	SB	UG	5	40	16	BoGR	6.21	UTIL 3.84	cow PIE took up 25% of plot
2							ARFR	0.93	↓	0.92
3							SPCO	0.09	↓	0.09
4							Agsm	0.66	↓	0.66
5	08/07/00	SB	UG	5	50	16	BoGR	6.01	NPP	3.94
6							Cahe	1.10	↓	0.94
7							Arfr	1.87	↓	1.74
8							Gusa	0.13	↓	0.13
9							Spco	0.11	↓	0.11
10							Agom	1.56	↓	1.56
11	08/07/00	SB	UG	1	59	25	Arfr	4.61	NPP	4.42
12							Asom/SPCO	0.06	↓	0.06
13							Cahe	0.51	↓	0.51
14							Agom	1.04	↓	1.04
15							BoGR	5.52	↓	4.20
16	8/7/00	SB	UG	6	4	16	BoGR	5.61	NPP	4.44
17							Spco	0.35	↓	0.35
18							Agom	0.86	↓	0.86
19							Cahe	0.09	↓	0.09
20	8/7/00	SB	UG	4	5	15	BoGR	8.74	UTIL*	5.16
21							LITN	0.01	↓	0.01
22							SPCO	0.03	↓	0.03
23							Agom	0.98	↓	0.94
24	8/7/00	SB	UG	6	1	16	BoGR	1.98	NPP	1.55
25							Arfr	2.46	↓	2.40
26							Agom	0.84	↓	0.76
27							Spco	0.14	↓	0.14
28							OPPO	11.59	↓	
29										
30										
31										

\*sorted- 4.01  $\rightarrow 3.02 \times 2 = 6.04$   
 unsorted- 4.05

pg 8 of 31      Sorted  
+  
Reweighed

[illegible]



★ split in half

6.22g sorted → 4.38g x 2 = 8.76

6.22g unsorted

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Sorted  
+  
reweighed

EFFICIENCY LINE® 22-206



	1 DATE	2 LOC	3 TRT	4 PLOT	5 X	6 Y	7 SPEC	8 WT	9 <sup>unit</sup> NPP	NOTES
1	8/4/00	SB	ROUND	7	5	2	BOGR	1.77	NPP	1.19
2							SPLD	1.58		1.51
3							AGSM	1.31		1.22
4	8/4/00	SB	ROUND	6	5	4	BOGR	1.25	NPP	0.87
5							AGSM	0.27		0.26
6							NO NAME	0.56		0.55
7	8/4/00	SB	ROUND	1	23	15	BOGR	12.44	NPP ★	8.76
8							CAHE	0.26		0.26
9	8/4/00	SB	ROUND	2	23	11	BOGR	7.51	NPP	3.93
10							CAHE	20.01		0.01
11							SPLD	1.63		1.60
12							ARFR	0.95		0.83
13	8/4/00	SB	ROUND	5	7	15	BOGR	5.32	NPP	3.36
14							AGSM	2.45		2.34
15							ARFR	0.11		0.11
16							SPLD	1.49		1.44
17	8/4/00	SB	ROUND	4	18	28	BOGR	6.11	NPP	2.63
18							OPPO	4.76		—
19							SPLD	3.43		3.31
20							ARFR	2.78		2.70
21							AGSM	2.89		2.74
22	8/4/00	SB	ROUND	3	14	29	BOGR	2.22	NPP	1.17
23							OPPO	73.64		—
24							SPLD	1.86		1.81
25							AGSM	1.08		0.98
26										
27										
28										
29										
30										
31										

Per N. Kaplan  
ARFR

~~6.10 unsorted~~ 6.11

A 4.26 unsorted 4.26 sorted  $\rightarrow 2.99 \times 2 = 5.98$   
 \* 6.10 unsorted 6.11 sorted  $\rightarrow 2.90 \times 2 = 5.80$   
 0 3.32 unsorted 3.34 sorted  $\rightarrow 2.53 \times 2 = 5.06$  10 of 31 Sorted + Reweighed

	1 DATE	2 LOC	3 TRT	4 PLOT	5 X	6 Y	7 SPEC	8 WT	9 <sup>WT</sup> NPP	10 NOTES
(*) 1	8/7/00	SB	GG	1	20	49	BUDA	2.64	NPP	1.60
2							Muto	0.80		0.80
3							Boqr	5.01		2.16
4							Arfr	2.79		2.19
5							Cahe	2.25		2.21
6							Agom	0.58		0.53
7							Spco	0.30		0.30
(*) 8	8/7/00	SB	GG	4	48	51	Buda	12.30	NPP	* 5.84
9							oppo	8.39		—
10							Arlo	0.94		0.43
11							Spco	0.03		0.03
12							Liin	0.33		0.30
13							Boqr	1.84		0.76
14	8/7/00	SB	GG	5	24	33	BOGR	3.06	UTL	2.61
15							Cahe	0.50		0.49
16							AGSM	0.58		0.55
17							Buda	3.40		2.09
18	8/7/00	SB	GG	3	49	54	Boqr	6.00	UTL	3.28
19							Piop	0.12		0.11
20							Spco	0.53		0.52
21							Cahe	0.28		0.27
22							Agom	0.76		0.72
23	08/07/00	SB	GG	6	1	16	BOGR	2.84	UTL	2.80
24							SPLO	0.37		0.35
25	8/7/00	SB	GG	1	16	49	Boqr	6.90	UTL	5.23
26							Spco	0.61		0.61
27							Cahe	0.95		0.94
28							Agom	3.13		3.10
29	8/7/00	SB	GG	2	26	53	BOGR	8.64	UTL	A ~ 6.06
30							CAHE	0.67		0.65
31							Spco	0.23		0.23

\* 3.94 g, unsorted 3.98 g sorted =  $2.85 \times 2 =$  pg 11 of 31  
~ 5.70

[illegible]

	<sup>1</sup> DATE	<sup>2</sup> LOC	<sup>3</sup> TRT	<sup>4</sup> PLOT	<sup>5</sup> X	<sup>6</sup> Y	<sup>7</sup> SPEC	<sup>8</sup> WT	<sup>9</sup> <sup>UTIL</sup> NPP	NOTES
1	8/1/00	24	UG	2	29	34	Boyr	1.58	UTIL	0.92
2							Cahe	0.38		0.36
3							Arfr	1.78		1.59
4							Agom	2.14		1.97
5	8/1/00	24	UG	3	16	03	Boyr	7.97	UTIL	6.77
6							Sihy	1.74		1.62
7							Agom	0.43		0.39
8							Cahe	0.15		0.12
9							Arfr	0.18		0.16
10	8/1/00	24	UG	1	23	28	Agom	4.56	UTIL	1.35
11							Oppo	15.68		—
12							Boyr	3.09		1.54
13							ARFR	0.13		0.12
14							Splo	0.11		0.11
15							Cahe	0.12		0.10
16							Arlo	1.90		.60
17	8/1/00	24	UG	3	20	03	AGSM	2.07	NPP	1.98
18							Splo	0.12		0.10
19							Cahe	0.38		0.35
20							Boyr	6.49		3.81
21	8/1/00	24	UG	2	33	34	Boyr	6.66	NPP	3.18
22							Oppo	0.09		—
23							Buda	3.19		1.85
24							Agom <sup>Cahe</sup>	1.20		0.99
25							Arfr	5.32		5.07
26	8/1/00	24	UG	1	27	28	Arfr	12.77	NPP	11.70
27							Arlo	0.84		0.88
28							Agsm	1.03		1.01
29							Cahe	2.29		2.20
30							Boyr	7.40		4.36
31										



subsample  
 \* unsorted 4.80  
 sorted 4.57 →  $.86 \times 2 = 1.72$

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\*\* subsample  
 unsorted 8.69  
 sorted 8.69 →  $2.98 \times 2 = 5.96$

UTL

EFFICIENCY LINE® 22-206



	1 Date	2 Loc	3 TRT	4 Plot	5 X	6 Y	7 Spec	8 WT	9 NPP	Comment
1	8/1/00	24	UG	4	7	16	Bogr	17.38	NPP	5.96
2							oppo	18.44		—
3							Spco	0.22		0.21
4							OEAL	1.49		1.42
5							Cahe	0.97		.49
6							Arlo	9.01	*	1.72
7	8/1/00	24	UG	4	3	16	Arfr	7.96	UTL	6.80
8							Agsm	0.46		.46
9							Cahe	0.14		.12
10							Oppo	7.99		—
11							Pste	0.13		0.13
12							Spco	0.26		.26
13							Bogr	1.99		1.25
14							Arlo	3.51		.67
15	8/1/00	24	GU	4	19	28	ARFR	18.70	NPP	18.33
16							Gusa	4.05		4.01
17							SPCO	0.05		0.06
18							Bogr	10.28		4.75
19							Arlo	7.94		6.06
20	8/1/00	24	GU	3	14	29	ARFR	11.89	NPP	11.66
21							AGSM	1.50		1.43
22							Bogr	10.22		6.94
23	8/1/00	24	GU	2	23	11	Bogr	9.93	NPP	5.35
24							Arfr	4.39		4.20
25							Spco	0.15		0.10
26							Arlo	6.79		4.02
27	8/1/00	24	GU	1	21	15	Bogr	7.67	NPP	4.61
28							Spco	0.08		0.07
29							Arfr	7.38		6.46
30							Arlo	9.92		9.09
31										

\*\*\*

4.76 unsorted  
 4.75 sorted =  $2.56 \times 2 = 5.12$

	1 Date	2 Loc	3 TRT	4 Plot	5 X	6 Y	7 spec.	8 wt.	9 <sup>wt</sup> / <sub>NPP</sub>	notes
1	8/1/00	24	UU	1	21	15	Boyr	9.20	NPP	4.79
2							Cahe	0.34		0.34
3							Spco	0.30		0.28
4							Piop	0.26		0.27
5							Arlo	3.11		2.33
6	8/1/00	24	UU	2	23	11	Gusa	10.52	NPP	9.74
7							Arlo	3.49		2.62
8							Buda	7.96		4.49
9							Boyr	2.87		1.89
10							Spco	0.13		0.13
11							Piop	0.08		0.08
12							Cahe	0.43		0.43
13	8/1/00	24	UU	3	14	29	Arfr	3.84	NPP	2.66
14							Oppo			—
15							Piop	0.05		.05
16							Spco	0.01		.01
17							Cahe	0.23		.18
18							Sihy	1.60		1.30
19							Boyr	1.83		1.79
20							Buda	3.87		2.51
21	8/1/00	24	UU	4	19	28	Arlo	11.43	NPP	9.30
22							Gusa	2.49		2.37
23							Cahe	0.06		0.06
24							Piop	0.07		0.07
25							Spco	0.43		0.43
26							Arfr	0.03		0.03
27							Oppo	2.33		—
28							Boyr	0.94		0.63
29							Pste	2.18		2.18
30							Buda	4.81		3.25
31										

\* Sorted 4.06 g  $\rightarrow 1.93 \times 2 = 3.86$  g  
unsorted 4.06 g

sorted 8.27  $\rightarrow 2.71 \times 3 = 813 \text{ g}$   
unsorted 16.55 g

\*\*\* sorted 4.15  $\rightarrow 2.30 \times 2 = 4.60$ g  
unsorted 4.10g

Pg 15 of 31

[illegible]

\* 8.56 sorted  $\rightarrow 3.93 \times 2 = 7.86g$  pg 16 of 31  
7.91 unsorted

	1 Date	2 Loc	3 Trt	4 Plt	5 X	6 Y	7 Spec	8 wt	9 <sup>wt</sup> / <sub>NPP</sub>	Comments
1	8/1/00	24	GG	4	13	34	Buda	2.91	wt?	1.95
2							Spco	0.18		0.18
3							Sihy	0.51		0.42
4							Cahe	1.12		1.08
5							Boqr	2.45		1.68
6	8/1/00	24	GG	2	32	39	Boqr	6.27	NPP	3.60
7							Cahe	1.97		1.88
8							Oppo	11.52		—
9							Spco	0.51		0.50
10							Arlo	5.53		5.67
11										
12	8/2/00	7	GU	4	19	28	Arlo	16.87	NPP *	7.75
13							THMI	3.25		—
14							SPCO	0.08		—
15							CAHE	0.20		—
16							BOGR	0.96		0.66
17							GUSA	1.20		—
18	8/2/00	7	GU	5	7	15	ARLO	17.68	NPP	17.68
19							BOGR	8.42		3.87
20							STCO	5.06		5.04
21							SPCO	2.88		2.87
22							OEAL	1.00		0.98
23	8/2/00	7C	GU	3	14	29	STCO	9.14	NPP	—
24							THMI	1.54		—
25							OPPO	2.84		—
26							<sup>uvk</sup> FORB	0.22		—
27							ARLO	0.98		—
28							BOGR	6.84		5.71
29										
30										
31										



0 (7.13) unsorted (7.12) sorted =  $4.82 \times 2 = 9.64$ 

	1 DATE	2 LOC	3 TRT	4 PLOT	5 X	6 Y	Species	8 Wt	9 <sup>WTW</sup> NPP	Comments
1	8/2/00	7	GU	6	5	4	BOGR	4.56	NPP	2.51
2							SPUR	0.16		—
3							OEAL	0.65		—
4							SPLO	0.28		—
5	8/2/00	7C	GU	2	23	11	BOGR	14.46	NPP	9.79
6							OPPO	9.60		—
7							CAHE	0.11		—
8							SPLO	1.04		1.04
9	8/2/00	7	GU	1	12	15	BOGR	9.59	NPP	6.07
10							SPLO	0.21		—
11							ARLO	2.11		1.57
12	8/3/00	7	GG	5	43	62	BOGR	4.14	NPP	2.69
13							SIHI	4.57		3.90
14							ARLO	2.67		2.46
15							OPPO	28.08		—
16							SPUR	0.46		0.44
17							SPLO	0.38		0.38
18	8/3/00	7	GG	1	27	50	BOGR	7.70	NPP	5.33
19							STLO	7.48		7.33
20							CAHE	0.17		0.17
21							SIHI	0.73		0.68
22							SPLO	0.38		0.38
23	8/3/00	7	GG	4	18	48	BOGR	7.01	NPP	4.17
24							SIHI	12.25		10.88
25							SPUR	1.51		1.42
26	8/3/00	7C	GG	6	4	16	OPPO	18.28	NPP	—
27							BOGR	13.00		8.21
28							ARLO	5.01		4.18
29							SPLO	1.69		1.69
30							CAHE	0.26		0.22
31										

\* 3.74g sorted  $\rightarrow 3.07 \times 2 = 6.14$   
(3.75) unsorted

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o 4.31g sorted  $\rightarrow 3.44 \times 2 = 6.88$   
(4.30) unsorted

	1 DATE	2 LOC	3 TRT	4 PLOT	5 X	6 Y	7 Species	8 WT	9 WTL/NPP	Comments
1	8/3/00	7	GG	3	55	55	BOGR	4.83	NPP	3.65
2							C. killora	1.57		1.51
3							Sihy	1.95		1.89
4							OEAR	0.75		0.74
5							ARLO	3.10		3.02
6							EREF	8.52		8.34
7	8/3/00	7	GG	2	27	29	BOGR	10.73	NPP	8.12
8							CAHE	0.56		0.54
9							SPLD	0.57		0.54
10							GACD	0.72		0.72
11										
12	8/3/00	7	UG	2	6	30	ARLO	6.01	WTL	5.98
13							OPPO	8.43		—
14							CAHE	0.06		0.05
15							BOGR	4.05		2.74
16							SPLD	0.32		0.30
17	8/3/00	7	UG	3	9	37	BOGR	7.53	WTL	* 6.14
18	8/3/00	7	UG	4	14	18	BOGR	2.00	WTL	1.39
19							CAHE	0.01		0.01
20	8/3/00	7	UG	1	3	32	BOGR	2.84	WTL	2.12
21							SPLD	0.33		0.29
22	8/3/00	7	UG	5	6	36	BOGR	5.69	WTL	4.26
23							SPLD	0.25		0.25
24	8/3/00	7C	UG	6	23	26	EREF	9.70	WTL	9.68
25							BOGR	8.90		6.88
26							ARFR	0.46		0.44
27							SPLD	0.18		0.17
28										
29										
30										
31										

	1 DATE	2 LOC	3 TRT	4 PLOT	5 X	6 Y	7 SPECIES	8 WT	9 <sup>CATCH</sup> NPP	Comments
1	8/2/00	7	ROUND	3	14	29	STCO	9.00	NPP	8.35
2							OPPO	33.68		33.68
3							ARLO	8.28		7.32
4							SPLO	0.39		0.39
5	8/2/00	7	ROUND	5	7	15	STCO	6.77	NPP	6.20
6							OPPO	19.71		19.71
7							BOGR	0.14		0.13
8							CAHE	0.09		0.09
9							SPLO	0.41		0.40
10							ARLO	2.19		1.92
11	8/2/00	7	ROUND	1	23	15	STCO	23.99	NPP	22.56
12							SPLO	0.28		0.28
13	8/2/00	7	ROUND	4	18	28	STCO	6.96	NPP	6.49
14							CELA	0.32		0.30
15							CAHE	<0.01		<0.01
16							SPLO	0.51		0.51
17							EREF	3.73		3.64
18							BOGR	1.37		1.15
19	8/2/00	7c	ROUND	2	23	11	ARLO	11.87	NPP	9.78
20							SPCR	1.69		1.49
21							SPLO	1.11		1.09
22							COLA	0.70		0.68
23	8/2/00	7	ROUND	7	5	2	EREF	25.38	NPP	24.43
24							STCO	13.01		12.03
25							BOGR	1.77		1.37
26							SPLO	3.02		3.00
27	8/2/00	7	ROUND	6	5	4	STCO	9.39	NPP	8.34
28							ARLO	4.16		3.28
29							SPCO	0.67		0.64
30										
31										

original wts

\* sorted 4.97  $\rightarrow$  3.62 x 2 = 7.24\* unsorted  $\rightarrow$  5.03

	1 DATE	2 LOC	3 TRT	4 PLOT	5 X	6 Y	7 SPECIES	8 WT	9 WTL/NPP	Comments
1	8/3/00	7	GG	1	23	50	BOGR	1.91	WTL	1.80
2							SPLD	0.46		0.46
3							STLO	0.35		0.35
4	8/3/00	7	GG	2	23	24 <sup>7.24</sup>	BOGR	3.75	WTL	3.18
5							OPPO	5.31		—
6							SIHY	2.32		1.90
7							ARLO	1.68		1.24
8	8/3/00	7	GG	6	1	16	ARLO	22.37	WTL	18.54
9							BOGR	3.83		2.81
10							CAHE	0.48		0.44
11	8/3/00	7	GG	5	39	62	EREF	7.93	WTL <sup>7.76</sup>	cow pte in plot
12							BOGR	4.89		3.39
13							SPLD	0.08		0.08
14							SIHY	0.18		0.18
15	8/3/00	7	GG	3	51	55	BOGR	3.82	WTL	3.07
16							OPPO	5.55		—
17							SPLD	0.11		0.09
18	8/3/00	7	GG	4	14	48	BOGR	8.00	WTL <sup>6.47</sup>	cow pte in plot
19							SPLD	0.15		0.15
20							SPLD	0.08		0.08
21							ARFR	6.72		6.52
22										
23	8/3/00	7	UG	2	10	30	OPPO	70.15	NPP	cow pte disturbance
24							BOGR	4.74		3.75
25							CAHE	0.34		0.33
26							SPLD	0.53		0.48
27							SPLD	0.79		0.79
28							SIHY	3.74		3.53
29	8/3/00	7	UG	6	27	26	BOGR	10.03	NPP*	7.24
30							STLO	0.17		0.17
31							SPLD	0.46		0.46



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 \*halfsorted (5.75g)  $2.99 \times 2 = 5.98$   
 unsorted (5.81g)

EFFICIENCY LINE® 22-206

	1 DATE	2 LOC	3 TRT	4 PLOT	5 X	6 Y	7 SPECIES	8 WT	9 NPP	Comments
1	8/3/00	7	UG	4	18	18	BOGR	6.71	NPP 5.35	coupled in plot
2							CAHE	1.75		1.64
3							STCO	1.25		1.18
4	8/3/00	7c	UG	1	7	32	GUSA	32.29	32.07 NPP	old cow PIE w/ CAHE growing out of it
5							CAHE	0.87	0.81	
6							STCO	1.62	1.48	
7							SPLC	0.52		0.52
8							BOGR	11.00		8.18
9	8/3/00	7	UG	5	10	36	EREF	2.45	NPP	2.45
10							BOGR	2.91		2.58
11							SPLC	0.05		0.05
12							AGSM	0.49		0.48
13							STCO	1.54		1.50
14	8/3/00	7	UG	3	13	37	STCO	10.02	NPP	9.35
15							BOGR	6.15		4.51
16							C. villosa	8.75		8.59
17										
18	8/2/00	7	UU	5	7	15	BOGR	11.34	NPP	* 5.98
19							OPPO	5.59		—
20							ARLO	1.73		1.21
21							STHI	1.10		0.46
22							SPLC	1.31		1.31
23							CAHE	0.19		0.18
24	8/2/00	7	UU	6	5	4	BOGR	3.19	NPP	2.09
25							CAHE	0.13		0.14
26							OPPO	39.16		—
27							OEAL	0.06		0.06
28							SPLC	0.41		0.41
29	8/2/00	7	UU	4	19	28	STCO	12.14	NPP	6.51
30							ARFR	0.09		0.09
31							BOGR	4.28		2.22

\* half-sorted (5.48g)  $\rightarrow 3.93 \times 2 = 7.86$

unsorted = 5.51g

\* half-sorted (7.57g)  $\rightarrow 3.03 \times 2 = 6.06$

unsorted = 7.64g

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	1 DATE	2 LOC	3 TRT	4 PLOT	5 X	6 Y	7 SPECIES	8 WT	9 <sup>unit</sup> NPP	Comments
1	8/2/00	7	UU	1	21	15	BOGR	11.02	NPP	* 6.06
2							CAHE	0.26		0.26
3							SIHY	2.76		1.81
4							SPLO	0.66		0.66
5	8/2/00	7	UU	3	14	29	BOGR	15.99	NPP*	* 7.86
6							ARLO	2.85		2.09
7							SPLO	0.58		0.58
8							STCO	2.51		1.65
9	8/2/00	7C	UU	2	23	11	BOGR	1.41	NPP	0.77
10							OPPO	1.88		—
11							STCO	1.11		0.65
12							CAHE	0.63		0.45
13							OEAL	0.15		0.15
14							EREF	1.08		1.08
15							BUDA	4.50		3.19
16							SPLO	0.87		0.87
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

\* initial wt  
6.39 (sorted)  $\rightarrow 1.51 \times 2 = 3.02 \text{ g}$   
6.39 (unsorted)  
Pg 23 of 31  
A moldy

6.33 (sorted)  $\rightarrow 1$   
6.39 (unsorted)

3.02g  
Pg 23 of 31

▲ moidy

[illegible]

sorted 4.25g  $\rightarrow 2.65 \times 2 = 5.30$   
unsorted 4.23

sorted - 23.96  $\rightarrow 18.18 \times 2 = 36.36$   
unsorted 24.00

Sorted - 6.22  $\rightarrow 4.12 \times 2 = 8.24$   
unsorted 6.20

\* 7.64g sorted  $\rightarrow 4.46g \times 2 = 8.92g$   
7.73 unsorted

Sorted 24.10  $\rightarrow$  20.43  $\times 2 = 40.86$   
 unsorted 24.10  $\rightarrow$  24.0631

[illegible]





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	1 Date	2 Loc	3 TRT	4 PLOT	5 X	6 Y	7 Species	8 Wt	9 <sup>util</sup> NPP	Comments
1	8/3/00	5A	GU	3	14	29	BOGR	16.49	NPP	4.01
2							AGSM	0.14		0.14
3	8/3/00	5A	GU	4	19	28	BOGR	6.56	NPP	4.79
4							SPLC	0.85		0.83
5	8/3/00	5A	GU	6	5	4	BOGR	6.23	NPP	2.77
6							SPLC	0.76		.75
7							CAHE	0.03		.01
8	8/3/00	5A	GU	1	21	15	BOGR	3.41	NPP	2.37
9							ASOX	1.05		1.01
10							SPLC	0.86		0.85
11	8/3/00	5A	GU	2	23	11	BOGR	7.33	NPP 4.38	link w/in
12							SPLC	0.05		0.05
13							AGSM	0.35		0.35
14							CHUI	0.82		0.81
15	8/3/00	5A	GU	5	7	15	OPPO	27.87	NPP	—
16							BOGR	9.72		5.78
17							ASOX	0.98		0.98
18							CAHE	0.34		0.30
19							SPLC	0.56		0.54
20							STHY	4.14		4.09
21										
22	8/3/00	5A	UU	3	14	29	BOGR	2.67	NPP	1.63
23							AGSM	2.09		2.03
24							SPLC	0.41		0.41
25	8/3/00	5A	UU	4	19	28	BOGR	4.34	NPP	2.31
26							AGSM	2.08		2.01
27							CAHE	0.03		0.03
28							SPLC	1.44		1.40
29							ARFR	1.33		1.31
30										
31										

\* 12.30 split  $\rightarrow$  2.65  $\rightarrow$  5.30  
 6.15 sorted  
 6.15 unsorted

0 10.49 unsorted; 10.38 sorted =  $5.49 \times 2 = 10.98$  p 27 of 31

\* 4.71 unsorted; 4.79 sorted =  $3.27 \times 2 = \sim 6.54$

	1 Date	2 LOC	3 TRT	4 PLOT	5 X	6 Y	7 Species	8 Wt	9 <sup>Wt</sup> NPP	Comments
1	8/2/00	5A	UU	6	5	4	BOGR	21.23	NPP	10.98
2	8/3/00	5A	UU	1	21	15	BOGR	12.52	NPP	* 5.30
3							CAHE	<.01		<.01
4							AGSM	0.66		0.48
5	8/3/00	5A	UU	2	23	11	BOGR	7.53	NPP	4.53
6							SPLD	0.92		0.84
7							PIOP	0.32		0.32
8							AGSM	0.78		0.68
9	8/3/00	5A	UU	5	7	15	OPPO	9.36	NPP	—
10							AGSM	0.25		0.24
11							SPLD	0.59		0.58
12							CAHE	0.50		0.47
13							BOGR	9.72		$\sim 6.54$
14										
15	8/3/00	5A	ROUN	5	7	15	BOGR	<del>6.06</del>	NPP	3.95
16							CAHE	0.35		0.35
17							SPLD	0.31		0.32
18	8/3/00	5A	ROUN	1	23	15	BOGR	<del>2.56</del>	NPP	1.47
19							ASOX	0.17		0.15
20							CAHE	0.43		0.43
21							OPPO	4.63		—
22							SPLD	0.97		0.98
23							LYJU	0.18		0.18
24	8/3/00	5A	ROUN	3	14	29	BOGR	<del>3.41</del>	NPP	1.92
25							CAHE	0.12		0.11
26							SPLD	3.30		3.28
27	8/3/00	5A	ROUN	6	5	4	BOGR	<del>2.46</del>	NPP	1.66
28							CAHE	0.16		0.16
29							CHAL	0.65		0.64
30							AGSM	1.50		1.49
31							SPLD	0.24		0.24

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2000,

[illegible]



A 4.85g unsorted, 4.91 sorted =  $2.61 \times 2 = \sim 5.22$   
 - 4.46g unsorted, 4.50 sorted =  $3.09 \times 2 = \sim 6.18$   
 o 5.40g unsorted, 5.43 sorted =  $3.10 \times 2 = \sim 6.20$   
 ★ 4.91g unsorted, 5.02 sorted =  $2.60 \times 2 = \sim 5.20$

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[illegible]

$A_{3.53 \text{ unsorted}, 3.52 \text{ sorted}} = 2.18 \times 2 = 4.36$

\* 4.93 unsorted; 5.04 sorted =  $2.75 \times 2 = 5.50$

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[illegible]

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[illegible]