

Hendryx, Judith

From: Milchunas, Daniel
Sent: Thursday, October 29, 2009 12:29 PM
To: Hendryx, Judith
Subject: RE:

Judy -- go ahead and make those changes
 Daniel

Daniel G. Milchunas
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 Colorado State University
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phone 970-484-6645 (home phone)

From: Hendryx, Judith
Sent: Monday, October 26, 2009 12:49 PM
To: Milchunas, Daniel
Subject:

Hi, Daniel,

I looked at the (x, y) coordinates for the 2005 GZTX-NPP for Location 5A GG NPP & UTIL and 5A UU NPP & UTIL, as you suggested I do during our phone conversation on Friday. I've attached a spreadsheet to this e-mail which shows that your suspicions may very well be correct. I've used color coding to show that: 1.) If the 5A UU UTIL samples are relabeled 5A GG UTIL samples, and 2.) The matching (x, y) plots are removed from the 5A UU NPP samples and relabeled 5A GG NPP samples, then 3.) This creates the correct number of matching plots for the 5A GG NPP and the 5A GG UTIL, and the correct number of plots for the 5A UU NPP, while eliminating the 5A UU UTIL section (which is obviously incorrect).

I can find no hard evidence (such as a field list of sampled plots) to prove this is what happened in 2005, but the rearranged plots are fairly convincing in their own right. Please take a look at the attached EXCEL file and let me know how you want to proceed from here.

Thanks again,

Judy

Judy Hendryx
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11/3/2009

This is a work sheet to track the (x,y) coordinates in the 2005 GZTX-NPP 5A GG NPP, 5A GG UTIL, 5A UU NPP and 5A UU UTIL plots.

DATA AS RECORDED IN LAB					
Location	Treatment	Util/NPP	X	Y	Assigned Plot #
5A	GG	NPP	5	2	1
5A	GG	NPP	8	66	2
5A	GG	NPP	12	23	3
5A	GG	NPP	28	47	4
5A	GG	NPP	35	34	5
5A	GG	NPP	56	28	6
5A	GG	NPP	70	67	7
5A	GG	UTIL	5	2	1
5A	GG	UTIL	8	66	2
5A	GG	UTIL	12	23	3
5A	GG	UTIL	28	47	4
5A	GG	UTIL	35	34	5
5A	GG	UTIL	56	28	6
5A	UU	NPP	1	7	1
5A	UU	NPP	12	20	2
5A	UU	NPP	16	11	3 *
5A	UU	NPP	26	7	4 *
5A	UU	NPP	32	21	5
5A	UU	NPP	33	18	6
5A	UU	NPP	34	10	7
5A	UU	NPP	34	22	8
5A	UU	NPP	35	3	9
5A	UU	NPP	46	9	10
5A	UU	NPP	51	10	11
5A	UU	NPP	57	1	12
5A	UU	NPP	67	55	13 *
5A	UU	UTIL	16	11	1 **
5A	UU	UTIL	26	7	2 **
5A	UU	UTIL	67	55	3 **
5A	UU	UTIL	70	67	4 **

DATA WITH SUGGESTED CORRECTIONS					
Location	Treatment	Util/NPP	X	Y	Assigned Plot #
5A	GG	NPP	5	2	1
5A	GG	NPP	8	66	2
5A	GG	NPP	12	23	3
5A	GG	NPP	28	47	4
5A	GG	NPP	35	34	5
5A	GG	NPP	56	28	6
5A	GG	NPP	70	67	7
5A	GG	NPP	16	11	8 *
5A	GG	NPP	26	7	9 *
5A	GG	NPP	67	55	10 *
5A	GG	UTIL	5	2	1
5A	GG	UTIL	8	66	2
5A	GG	UTIL	12	23	3
5A	GG	UTIL	28	47	4
5A	GG	UTIL	35	34	5
5A	GG	UTIL	56	28	6
5A	GG	UTIL	70	67	7 **
5A	GG	UTIL	16	11	8 **
5A	GG	UTIL	26	7	9 **
5A	GG	UTIL	67	55	10 **
5A	UU	NPP	1	7	1
5A	UU	NPP	12	20	2
5A	UU	NPP	32	21	3
5A	UU	NPP	33	18	4
5A	UU	NPP	34	10	5
5A	UU	NPP	34	22	6
5A	UU	NPP	35	3	7
5A	UU	NPP	46	9	8
5A	UU	NPP	51	10	9
5A	UU	NPP	57	1	10

Plots removed from ~~the~~ final biomass^N file and N-file for 2005 G-ztx-NPP because of errors (~~known~~ errors documented on complete 2005 G-ztx-NPP tab of file):

80405 11 GU Plot3 (5,65) NPP (~~can be used for biomass data, but not N data~~)

72805 5A UU Plots 1-4 UTIL - there should not be UTIL plots for a UU treatment.

72905 5B RU Plot4 NPP (~~A#~~ ~~Forb, grass + shrub~~)

Samples

~~Plots~~ OK for biomass +

*Left in for N-Analysis because the error was not significant:

80405 11 UU Plot3 (49,22) NPP - Grass Sample

72705 5A GU Plot2 (5,65) NPP - Grass Sample

72905 5B UB Plot4 (19,47) NPP - Grass Sample

Plots ~~are~~ not included in N Analysis because samples could not be found for grinding

72805 5A UU Plot3 (116,11) NPP

72805 5A UU Plot4 (~~11~~ 26,7) NPP

72805 5A UU Plot13 (67,56) NPP

2005 Field Season – Daubenmire Plots – (If plot numbers have a “C”, leave the flag in the field to clip later).

[illegible]

2005 Field Season-Daubenmire Plots 5a, 5b, 7c

[illegible]

2005 Field Season-Daubenmire Plots 5a, 5b, 7c

[illegible]

2005 Field Season – Daubenmire Plots – (If plot numbers have a “C”, leave the flag in the field to clip later).

[illegible]

2005 Field Season-Daubenmire Plots 5a, 5b, 7c

[illegible]

2005 Field Season – Daubenmire Plots – (If plot numbers have a “C”, leave the flag in the field to clip later).

[illegible]

[illegible]

Exclosure 11 UU	X	Y	Check Off		Exclosure 11 GU	X	Y	Check Off	
1	82	40			1	86	22		
2	34	43			2	2	96		
3	32	21			3	5	65		
4	80	22			4	62	3		
5	41	9			5	90	12		
6	86	7			6	88	29		
7	84	29			7	43	23		
8	77	43			8	71	30		
9	36	35			9	68	81		
10	50	34			10	22	29		
11	80	11			11	73	19		
12	6	6			12	29	48		
13	52	43			13	14	85		
14	39	11			14	52	8		
15	56	34			15	97	64		
16	8	10			16	78	8		
17	75	38			17	22	43		
18	32	37			18	36	72		
19	52	5			19	49	86		
20	87	26			20	60	82		
NOTES:									

[illegible]

Exclosure UG	X	Y	Check Off		Exclosure 19 UU	X	Y	Check Off	
1	4	3			1	24	73		
2	11	2			2	4	19		
3	1	1			3	34	3		
4	8	1			4	32	38		
5	3	1			5	30	26		
6	2	2			6	56	20		
7	7	1			7	47	24		
8	7	2			8	31	37		
9	1	2			9	36	12		
10	2	1			10	20	19		
11	6	3			11	1	84		
12	10	2			12	30	12		
13	3	2			13	50	27		
14	1	3			14	62	79		
15	9	3			15	58	75		
16	1	2			16	44	87		
17	1	2			17	22	57		
18	1	1			18	5	20		
19	4	1			19	39	30		
20	10	2			20	37	47		
NOTES:									

[illegible]

[illegible]