

Northeast Timber Growing Contest
Basal Area Increment

Contestant Name	Team Springwater (Julie, Brice, Dean)
Stand Number/Name	Wheaton Hill Red Pine

3.1415927

Conifer plots are 190' x 57'. Entry should include a minimum of three plots per stand.

Please follow measurement protocols as prescribed in the contest guidelines.

West Plot = 3

Page # 1 of 5

Date of DBH 1 = 10 APR 2014

Date of DBH 2 = 12 APR 2015

Plot #	Spp	Tag #	DBH 1 (inches)	DBH 2 (inches)	Plot Number	Spp	Tag #	DBH 1 (inches)	DBH 2 (inches)
3	Spruce	1	14.8	15.1	3	R. Pine	32	7.7	7.7
3	Spruce	2	10.2	10.3	3	R. Pine	33	13.5	13.6
3	Spruce	3	6.7	6.7	3	R. Pine	34	12.7	12.9
3	Spruce	4	11.7	12.0	3	R. Pine	35	12.7	12.7
3	Spruce	5	11.4	11.7	3	R. Pine	36	9.8	9.7
3	Spruce	6	8.5	8.6	3	R. Pine	37	14.6	14.6
3	Spruce	7	7.0	7.0	3	R. Pine	38	13.5	13.5
3	Spruce	8	16.3	16.8	3	R. Pine	39	10.1	10.2
3	Spruce	9	13.5	13.8	3	R. Pine	40	7.9	7.9
3	Spruce	10	6.3	6.3	3	R. Pine	41	11.2	11.2
3	Spruce	11	7.0	7.1	3	R. Pine	42	10.8	10.8
3	Spruce	12	8.4	8.4	3	R. Pine	43	10.5	10.6
3	R. Pine	13	13.6	13.7	3	R. Pine	44	12.1	12.2
3	H. Map	14	9.7	9.9	3	R. Pine	45	11.5	11.7
3	R. Pine	15	10.9	10.9	3	Cherry	46	7.0	7.1
3	R. Pine	16	14.0	14.1	3	R. Pine	47	11.4	11.4
3	R. Pine	17	11.0	10.9	3	R. Pine	48	12.1	12.1
3	R. Pine	18	10.5	10.6	3	R. Pine	49	9.9	9.9
3	R. Pine	19	14.2	14.2	3	Cherry	50	10.0	10.1
3	R. Pine	20	12.3	12.5	3	R. Pine	51	13.4	13.4
3	R. Pine	21	13.9	14.0	3	R. Pine	52	9.4	9.5
3	Cherry	22	12.3	12.7	3	R. Pine	53	11.5	11.5
3	R. Pine	23	12.9	13.0	3	R. Pine	54	10.1	10.1
3	R. Pine	24	10.9	10.9	3	R. Pine	55	12.0	12.1
3	R. Pine	25	9.8	9.8	3	R. Pine	56	11.3	11.4
3	R. Pine	26	12.0	12.1	3	R. Pine	57	10.1	10.3
3	R. Pine	27	9.5	9.3	3	R. Pine	58	11.3	11.3
3	R. Pine	28	11.6	11.7	3	R. Pine	59	11.4	11.5
3	R. Pine	29	9.7	9.7	3	R. Pine	60	11.0	11.1
3	R. Pine	30	10.3	10.4	3	R. Pine	61	12.3	12.5
3	R. Pine	31	8.2	8.2	3	R. Pine	62	11.6	11.7

Provide an additional sheet that summarizes the total basal area (sq. ft./ac) by plot for both measurement dates. The contest guidelines provide the calculation formula to convert dbh to basal area.

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West Plot = 3

Page # 2 of 5

Date of DBH 1 = 10 APR 2014

Date of DBH 2 = 12 APR 2015

Plot #	Spp	Tag #	DBH 1 (inches)	DBH 2 (inches)		Plot Number	Spp	Tag #	DBH 1 (inches)	DBH 2 (inches)
3	R. Pine	63	12.1	12.1						
3	R. Pine	64	11.7	11.7						
3	R. Pine	65	10.0	10.1						
3	R. Pine	66	9.0	9.0						
3	R. Pine	67	9.5	9.6						
3	R. Pine	68	12.9	12.9						
3	R. Pine	69	12.8	12.9						
3	Cherry	70	9.4	9.6						
3	Cherry	71	9.0	9.0						
3	R. Pine	72	14.1	14.0						
3	R. Pine	73	9.7	9.7						
3	Cherry	74	6.2	6.2						
3	R. Pine	75	13.4	13.5						
3	R. Pine	76	13.8	13.8						
3	R. Pine	77	10.3	10.4						
3	R. Pine	78	10.3	10.3						
3	R. Pine	79	13.1	13.1						
3	R. Pine	80	14.7	14.9						
3	R. Pine	81	10.0	10.1						
3	R. Pine	82	10.1	10.1						
3	R. Pine	83	14.6	14.8						
3	R. Pine	84	11.1	11.1						
3	R. Pine	85	13.2	13.4						
3	R. Pine	86	11.8	11.8						
3	R. Pine	87	10.3	10.5						
3	R. Pine	88	11.1	11.1						
	BA	Per Acre	245.7	249.4						

*Provide an additional sheet that summarizes the total basal area (sq. ft./ac) by plot for both measurement dates.
The contest guidelines provide the calculation formula to convert dbh to basal area.*

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East Plot = 1

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Date of DBH 1 = 10 APR 2014

Date of DBH 2 = 12 APR 2015

Plot #	Spp	Tag #	DBH 1 (inches)	DBH 2 (inches)	Plot Number	Spp	Tag #	DBH 1 (inches)	DBH 2 (inches)
1	Pin Ch.	1	9.1	9.2	1	R. Pine	32	17.7	18.1
1	Spruce	2	11.9	12.1	1	R. Pine	33	11.9	12.0
1	Spruce	3	6.8	6.8	1	H. Map.	34	7.1	7.4
1	H. Map.	4	6.9	7.1	1	R. Pine	35		
1	Pin Ch.	5	6.8	7.0	1	R. Pine	36	16.7	17.1
1	Spruce	6	13.2	13.4	1	R. Pine	37	14.0	14.1
1	Spruce	7	11.5	11.7	1	R. Pine	38	9.5	9.5
1	Spruce	8	12.9	13.1	1	R. Pine	39	13.1	13.2
1	Ash	9	12.7	12.7	1	Cherry	40	6.0	6.0
1	Spruce	10	10.0	10.3	1	R. Pine	41	12.1	12.1
1	Spruce	11	6.9	7.0	1	H. Map.	42	13.4	13.6
1	R. Pine	12	13.4	13.4	1	W. Pine	43	15.8	16.0
1	Cherry	13	7.1	7.1	1	R. Pine	44	11.9	12.1
1	R. Pine	14	11.3	11.4	1	R. Pine	45	9.7	9.9
1	R. Pine	15	12.9	13.1	1	R. Pine	46	10.7	10.7
1	R. Pine	16	9.0	9.1	1	R. Pine	47	11.8	11.8
1	R. Pine	17	13.4	13.6	1	R. Pine	48	10.5	10.4
1	Jun Ber	18	6.6	6.6	1	R. Pine	49	10.9	11.0
1	Jun Ber	19	6.6	6.6	1	R. Pine	50	9.9	10.0
1	R. Pine	20	12.9	13.1	1	R. Pine	51	9.7	9.7
1	Jun Ber	21	7.0	7.0	1	Cherry	52	11.1	11.1
1	R. Pine	22	8.3	8.3	1	R. Pine	53		
1	R. Pine	23	8.8	8.8	1	R. Pine	54	14.6	14.8
1	R. Pine	24	13.3	13.4	1	R. Pine	55	12.7	12.8
1	R. Pine	25	10.8	10.9	1	R. Pine	56		
1	R. Pine	26	12.5	12.5	1	R. Pine	57		
1	R. Pine	27	9.2	9.2	1	R. Pine	58	11.5	11.6
1	R. Pine	28			1	R. Pine	59	10.3	10.5
1	R. Pine	29	9.5	9.5	1	R. Pine	60	10.0	10.1
1	R. Pine	30			1	R. Pine	61	10.3	10.5
1	R. Pine	31	11.0	11.1	1	Sc Pine	62		

Provide an additional sheet that summarizes the total basal area (sq. ft./ac) by plot for both measurement dates.
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Middle Plot = 2

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Date of DBH 1 = 10 APR 2014

Date of DBH 2 = 12 APR 2015

Plot #	Spp	Tag #	DBH 1 (inches)	DBH 2 (inches)	Plot Number	Spp	Tag #	DBH 1 (inches)	DBH 2 (inches)
2	R. Pine	1	14.4	14.5	2	Sc Pine	32	13.3	13.5
2	R. Pine	2	9.1	9.1	2	Sc Pine	33	12.6	12.8
2	Sc Pine	3	10.9	11.0	2	Sc Pine	34	10.7	10.7
2	Sc Pine	4	11.3	11.5	2	R. Pine	35	11.5	11.5
2	Elm	5			2	R. Pine	36	14.5	14.7
2	R. Pine	6	11.7	11.7	2	R. Pine	37	9.0	9.0
2	R. Pine	7	10.8	10.8	2	R. Pine	38	8.8	9.0
2	Spruce	8	8.0	8.3	2	R. Pine	39	12.5	12.5
2	Spruce	9	7.4	7.6	2	R. Pine	40	10.1	10.1
2	Spruce	10	10.9	11.3	2	R. Pine	41	6.8	6.8
2	R. Pine	11	12.7	12.8	2	R. Pine	42	9.3	9.3
2	Sc Pine	12	9.0	9.2	2	R. Pine	43	11.8	11.9
2	R. Pine	13	10.7	10.9	2	R. Pine	44	8.8	9.0
2	Sc Pine	14	11.2	11.3	2	R. Pine	45	13.6	13.8
2	R. Pine	15	13.5	13.6	2	R. Pine	46	17.3	17.5
2	Spruce	16	6.2	6.3	2	R. Pine	47	14.4	14.5
2	Sc Pine	17	12.3	12.3	2	R. Pine	48	16.9	17.0
2	R. Pine	18	10.8	10.7	2	R. Pine	49	11.9	12.0
2	R. Pine	19	13.2	13.2	2	R. Pine	50	10.5	10.6
2	Spruce	20	12.5	12.8	2	R. Pine	51	8.8	8.7
2	Spruce	21	10.5	10.7	2	R. Pine	52	11.4	11.5
2	Spruce	22	9.2	9.4	2	R. Pine	53	11.8	11.9
2	R. Pine	23	10.2	10.2	2	R. Pine	54	12.6	12.7
2	R. Pine	24	12.9	13.0	2	Jun Ber	55	6.4	6.4
2	R. Pine	25	12.8	12.7	2	R. Pine	56	12.2	12.2
2	Ash	26	13.8	14.0	2	R. Pine	57	10.9	10.9
2	R. Pine	27	11.5	11.5	2	R. Pine	58	14.9	15.0
2	R. Pine	28	12.3	12.4	2	R. Pine	59	10.3	10.3
2	R. Pine	29	12.3	12.3	2	R. Pine	60	12.9	13.0
2	R. Pine	30	13.1	13.1	2	R. Pine	61	12.9	12.8
2	H. Map.	31	11.1	11.6		BA	Per Acre	177.8	180.4

Provide an additional sheet that summarizes the total basal area (sq. ft./ac) by plot for both measurement dates. The contest guidelines provide the calculation formula to convert dbh to basal area.