Regeneration/BA Plot Worksheet[1]

Version 2.0 2011
John Almendinger

Name(s): Rebecca Bies

Treatment:
unburned side of site

Comments:
#6 planned plot was slash pile w/ no data so added #7 nearby
#4 appeared to be a reserve pocket from previous cut
* plots pre-determined in ArcMap w/ no color, just FIM shape

Plot: (leave blank)
NPC Code:
Site Name:
Date: 11 / 15 / 2016 (e.g. 21 JUN 2011)
Prism Factor/units: X, ft^2 / m^2 (circle units)
Number of plots in stand: 9 (10)

Subplot Coordinates		
PL	Easting or Longitude	Northing or Latitude
1	95° 10.919	48° 36.467
2	95° 10.872	48° 36.493
3	95° 10.817	48° 36.489
4	95° 10.758	48° 36.493
5	95° 10.749	48° 36.543
6	95° 10.784	48° 36.523
7	95° 10.818	48° 36.518
8	95° 10.861	48° 36.526
9	95° 10.919	48° 36.523
10	95° 10.939	48° 36.501

Regenerant Block – trees <1" dbh and under 1' tall

Plot size: 1/ 500 th of an acre (enter denominator)

Species	1	2	3	4	5	6	7	8	9	10	Total	TPA[1]
balsam fir				6				1			7	3888
jackpine									1		1	555
e.g. Blk Ash	1	5	4	8	2	7	10	3	6	9	55	

Seedling Block – trees <1" dbh and over 1' tall

Plot size: 1/ 500 th of an acre (enter denominator)

Species	1	2	3	4	5	6	7	8	9	10	Total	TPA[1]
balsam fir	3										3	1666
blackspruce	1										1	555
jackpine		1	7		4		1		5	8	26	1,444
bam							5				5	277

1. TPA=(total * fractional acre denominator of plot) / number of plots in stand

Sapling Block – trees 1" to 3" dbh

Plot size: 1/ 500 th of an acre (enter denominator)

Species	1	2	3	4	5	6	7	8	9	10	Total	TPA[1]
jack pine			•• 2		••• 3		• 1				6	333
bam							• 1				1	55
balsam fir								• 1			1	55

Small Tree Block – trees 3" to 5" dbh

Plot size: 1/ th of an acre (enter denominator)

Species	1	2	3	4	5	6	7	8	9	10	Total	TPA[1]

Tree Block – any trees on prism

Plot size is variable 10 pf

Species	1	2	3	4	5	6	7	8	9	10	Total	BA[2]
black spruce				• 1	• 1						2	2
jack pine								• 1			1	1
balsam fir				••• 3				• 1	• 1		5	5.5

1. TPA=(total * fractional acre denominator of plot) / number of plots in stand
2. BA=(total * prism factor) / number of plots in stand

Regeneration/BA Plot Worksheet[1]

Version 2.0 2011
John Almendinger

Name(s):	Rebecca Bies
Treatment:	burned side of site
Comments:	heavy amounts of alder, raspberry and brush, very few pockets of jack pine regen occur/they mainly to the south and north end of the site * plots predetermined in ArcMap w/out color, just fin shape

Plot:	(leave blank)
NPC Code:	
Site Name:	
Date:	11 / 15 / 2016 (e.g. 21 JUN 2011)
Prism Factor/units:	X, ft^2 / m^2 (circle units)
Number of plots in stand:	9

Subplot Coordinates		
PL	Easting or Longitude	Northing or Latitude
1	95° 11.048'	48° 36.471
2	95° 11.079'	48° 36.494
* 3	95° 11.120'	48° 36.486
* ④	95° 11.105'	48° 36.455
* ⑤	95° 11.060'	48° 36.466
* 6	95° 11.072'	48° 36.412
7	95° 11.082'	48° 36.367
* ⑧	95° 11.043'	48° [illegible] 36.384
9	95° 11.032'	48° 36.429
10		

Regenerant Block – trees <1" dbh and under 1' tall

Plot size: 1/ 500 th of an acre (enter denominator)

Species	1	2	3	4	5	6	7	8	9	10	Total	TPA[1]
jack pine	•• 2										2	111
e.g. Blk. Ash	• 1	5	4	8	•• 2	7	10	3	6	9	55	

Seedling Block – trees <1" dbh and over 1' tall

Plot size: 1/ 500 th of an acre (enter denominator)

Species	1	2	3	4	5	6	7	8	9	10	Total	TPA[1]
bam		7									7	388
jack pine							• 1	• 1	•• 3		5	277
fremb.asp		20						7			27	1,500

1. TPA=(total * fractional acre denominator of plot) / number of plots in stand

* heavy alder/hazel/raspberry
# barely passable (swimming through brush)

Sapling Block – trees 1" to 3" dbh

Plot size: 1/ 500 th of an acre (enter denominator)

Species	1	2	3	4	5	6	7	8	9	10	Total	TPA[1]
jackpine								• 1			1	55

Small Tree Block – trees 3" to 5" dbh

Plot size: 1/ th of an acre (enter denominator)

Species	1	2	3	4	5	6	7	8	9	10	Total	TPA[1]

Tree Block – any trees on prism

Plot size is variable 10 pf

Species	1	2	3	4	5	6	7	8	9	10	Total	BA[2]
balsam			• 3								3	16.6
paperbirch				• 2							2	11.1

1. TPA=(total * fractional acre denominator of plot) / number of plots in stand
2. BA=(total * prism factor) / number of plots in stand