



Turtle Mountain Aspen Regeneration 2016 to Current

Forestry Mulcher- Diamond Mowers 60" Disk Mulcher

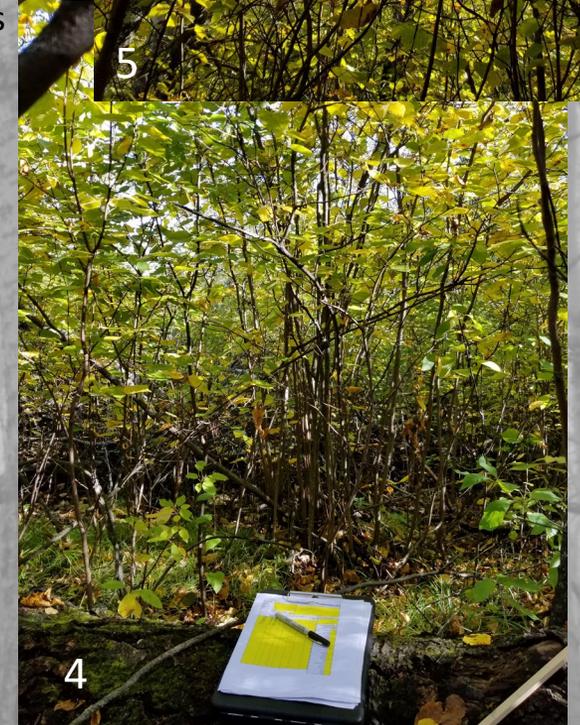
- Forestry Attachment that operates by hydraulics. Disk is 60" and has cutting teeth on top, bottom, and outer edge to cut and process the materials.



Sites before Regenerative Clearing



- 1- Site Pre clearing thick hazel with leaf off but difficult to see far in understory
- 2- Ground view of the understory; Limited species diversity dominated by hazel
- 3- Canopy View; Hazel blocks most of the sunlight; above the hazel is very limited overstory canopy trees.
- 4- Ground view of site, a trail exist 3' from this location and you can not see anyone standing there.
- 5- Another view looking up from a plot hazel is over 6' tall and blocks sunlight from reaching forest floor.



Sites Partially Cleared



- 1- Understory Vegetation is fully removed and mulched up; can see mulcher litter on the ground, This young clump of Aspen was saved
- 2- Understory is cleared on the right hand side, left hand side still needs clearing, you can see the distance between the trees in this site
- 3- Understory materials are cleared and mulched and left to decompose; Overstory trees will be removed



Completed Sites

- 1- All understory is cleared and only Bur oak and 1-2 snag trees per acre are left standing. Small clumps like on the right side may also be kept
- 2- All understory and overstory materials removed; trees are felled and left scattered to decompose
- 3- Site is cleared and trees are left laying on the ground to decompose



Post Treatment Results

- 1- A site the following August, 10 Months after treatment; Aspen average 4' tall and over 17,000 stems per acre
- 2- A site the following August, 10 Months after treatment; Aspen average just under 4' tall can see the snag and oak trees there were kept



Before and After- Same Site 10 months after

