Project Subject/Title: Casey Burn Seeding Study
County: Washburn
TRS: T41N, R13W Sec. 27 & 34

Contact Person: Jim Halvorson, 715-635-4081
Type of Prescription: Site Preparation and direct seed
Year Inititated: 1980

Abstract/Prescription:
This study was to document jack pine direct seeding following a wildfire that occurred in 1980 and again in 1985. Prior to the 2nd fire the cover type was PJ 0-51/hazel and grass. After the 2nd burn, 21 acres were seeded with jack pine at the rate of 3.8 oz/ac and treated with thiram 425, plyac, and 1 tsp. aluminum flake. A germination test was 90% germination success. Monitoring followed in late fall.

Results:
The results of the regen monitoring showed no germination and successive year showed very little regeneration.

Discussion/Recommendations:
• When seeding areas, site preparation to expose mineral soil is highly recommended. Mixing soil is needed (discing).
• Possibly leave some down woody material to improve site quality for seedlings.

Site/Conditions:
Habitat Type: PQG-CE
Covertype: Jack Pine

Enclosed Data document
### Section 1 - Description

Property: Washburn County Forest  
District: NW  
Town: 41  
Range: 13N  
Section: 07 + 24  
Compartment Number: 72  
Habitat Type: PQSCGCE  
Seed Lot Number: H-68  
Origin: WIS - LP MICH.

### Section 2 - Plantation and Seeding Data

<table>
<thead>
<tr>
<th>Plantation Number</th>
<th>Year Planted</th>
<th>Stock Age</th>
<th>Species Per Acre</th>
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</thead>
<tbody>
<tr>
<td>SPRING 1975</td>
<td>PJ</td>
<td>21</td>
<td>3.8 oz seed/ac.</td>
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### Section 3 - Plantation Thinnings

<table>
<thead>
<tr>
<th>Acres</th>
<th>Year</th>
<th>Vol/Ac Removed</th>
<th>Returns $/AC</th>
<th>Residual BA</th>
<th>Remarks</th>
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### Sectional Remarks:

- **Regeneration Study:**
  - This site burnt in April 1970 and again on May 4, 1975.
  - Prior to the 2nd wildfire, the primary cover type was PT 0-5' KNEE AND GRASS.
  - Site treated with THAM 425 AND AVE 425.