**Summary**

2-4-D Spraying Harvey Valley 1959

<table>
<thead>
<tr>
<th>Date of spraying</th>
<th>April 29, 1959</th>
</tr>
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<tbody>
<tr>
<td>Method</td>
<td>Hand operated 600 m (2100 ft) spray smooth 30&quot; wide</td>
</tr>
<tr>
<td>Chemical formulation</td>
<td>Cornelius, Talbot</td>
</tr>
<tr>
<td>and rate</td>
<td></td>
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</tbody>
</table>

**Plot I** (Floated Al field) Unit 3

<table>
<thead>
<tr>
<th>Species sprayed</th>
<th>Growth stage</th>
<th>Percent kill</th>
</tr>
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<tbody>
<tr>
<td>Medicago glomerata</td>
<td>Cotyledon 1/4&quot; tall</td>
<td>100</td>
</tr>
<tr>
<td>Allium</td>
<td>Leaves 4&quot;-5&quot; tall</td>
<td>100</td>
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</tbody>
</table>

**Plot III** (North side Cornelius rescuing test plot) Unit 3

Lomatium leptocarpum: Livs 3" tall starting to flower 100%

**Plot IV** (South of Bradus Mountain field) Unit 1

Lomatium lepto-carpum: Livs 3" tall starting to flower 100%
Spraying with 2,4-D

April 29, 1959

Harvey

Harvey valley

Formulation: As for previous spray job in H.V.

Plot layout

1

2

3

< 15'-60' ->

6'

6'

Line 1 sprayed with one pass over line

Line 2 " " two passes " "

Line 3 " " three passes " "

Spray width about 24" to 30"

Equipment: 3 gallons hand sprayer. Two nozzles spaced 12" apart

Pattern

12"
Location of plots

1. Flooded out intermediate wheatgrass field
   Unit 3. Species: Tarweed and other annuals
   1/8 to 1/4 inch tall; Onion 4" to 5" tall
   Center of field. Plots Exact

2. West edge of above field.
   Not a formal plot. Just sprayed two
   strips at right angles across a broad
   leaf rhizomatous Sork.

3. Strip between Cornelius' reseeding trial
   (Sowed) and road in Unit 3. North of
   stretch posts. See diagram.

   ![Diagram of Cornelius' plot]

   Spaces Cops. stage about to begin
   Flowering. Lvs on. 3 inches tall
4. Unit 1: Strip between Bi resedal field and road. East of old corral about 1/2 way to cattle guard between Unit 1 and 3.

Species

Bi Field

Species
Cogs 3"

Pm 2"

5. First borrowed area unit.
1959

Grasses in mixture seeded on H. Valley

October 20

Two areas

1. Adjoining Ai exclusion near SE cor

2. S.W cor Bi Par - reseeded field in Unit 3

Too ample

Agropyron cristatum } Mixture

Bulbous barley

Red top.

Pattern at 1.

Ai

Exclusion (drawn out Ai's stand)

SE cor

<table>
<thead>
<tr>
<th>H.T.</th>
<th>S.</th>
<th>5'0'5</th>
<th>5'5 H</th>
<th>5'0'5</th>
<th>5'5 H</th>
</tr>
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</table>

Seeded then harvested

(over) str 2
Location 2

Castle guard

Road

Carroll's test plot

Reaccaded bore

No germination

Airstrip

Try Siberian
**Hornay Lomatiun spraying**

Check on 2,4-D hand spraying H. Valley

<table>
<thead>
<tr>
<th>Area No</th>
<th>Result</th>
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<tr>
<td>5</td>
<td>Spray effective on ARQ</td>
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Examination

Sept 26, 1961

Hornay