

Summary
2-4-D Spraying Harvey Valley 1959

A. L. Hormay
Jan 23/62

Date of spraying April 29 1959
Method Hand operated boom (2 no 33 lbs), spray swath 30" wide
Chemical formulation. Cornelius, Talbot
and rate

Plot I (Flooded A1 field) Unit 3

Species sprayed	Growth stage	Percent kill
<i>Madia glomerata</i>	Cotyledon, 1/4" tall	100
<i>Allium</i>	Leaves 4"-5" tall	100

Plot III (North side Cornelius reseeding test plot) Unit 3

<i>Lomatium leptocarpum</i>	Lvs 3" tall starting to flower	100
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Plot IV (South of *Bromus inermis* field) Unit 1

<i>Lomatium leptocarpum</i>	Lvs 3" tall starting to flower	100
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1959

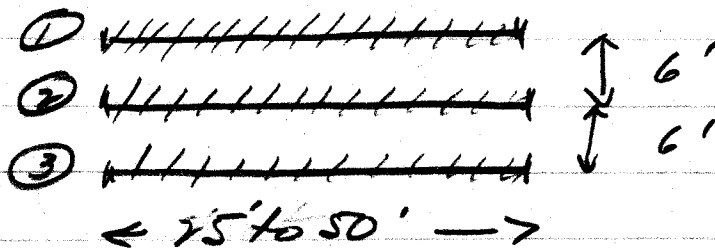
Spraying with 2-4-D

April 29 1959

Harvey

Harvey valley

Formulation As for previous spray job in H.V.
Plot layout

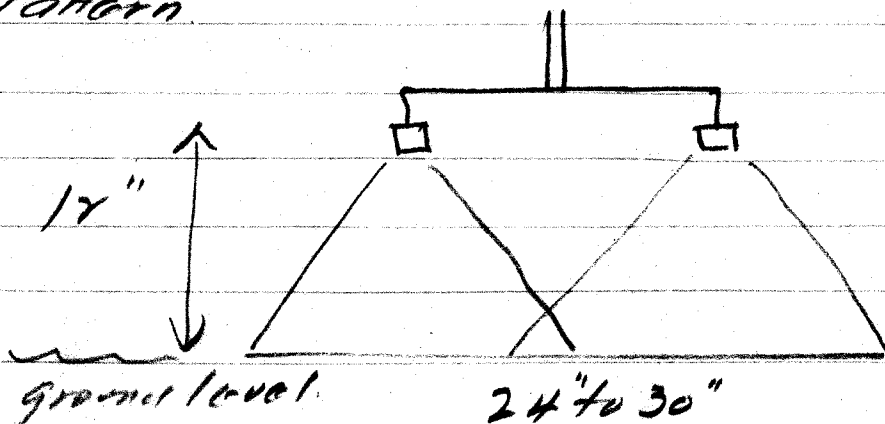


Line 1 sprayed with one pass over line
Line 2 " " two passes " "
Line 3 " " three passes " "

Spray width about 24" to 30"

Equipment 39 gallons hand sprayer, Two
nozzles spaced 12" apart

Pattern



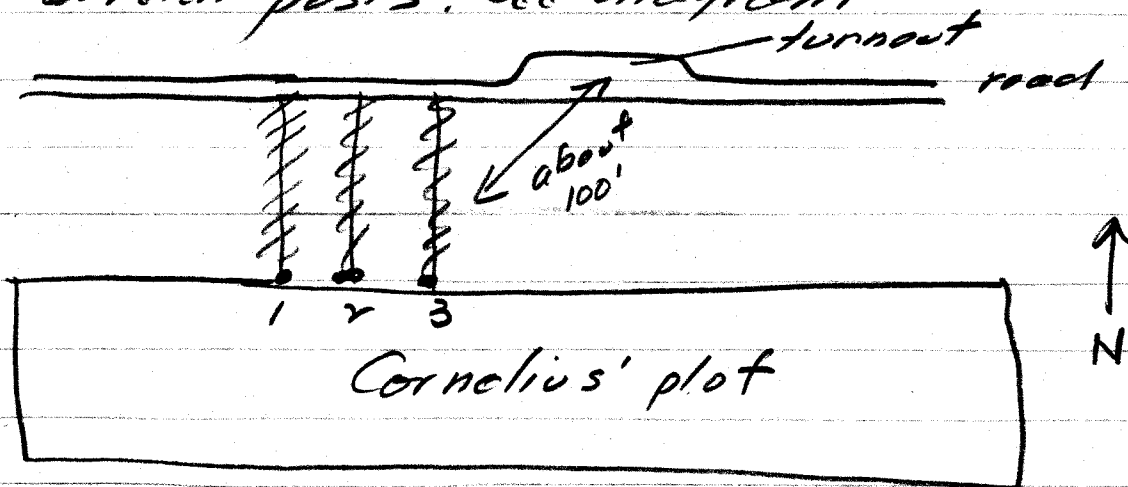
Location of plots

1. Flooded out intermediate wheatgrass field
Unit 3 Species: Tarweed and other annuals
 $\frac{1}{8}$ to $\frac{1}{4}$ inch tall; Onion 4" to 5" tall
Center of field. Plots lateral

2. West edge of above field.

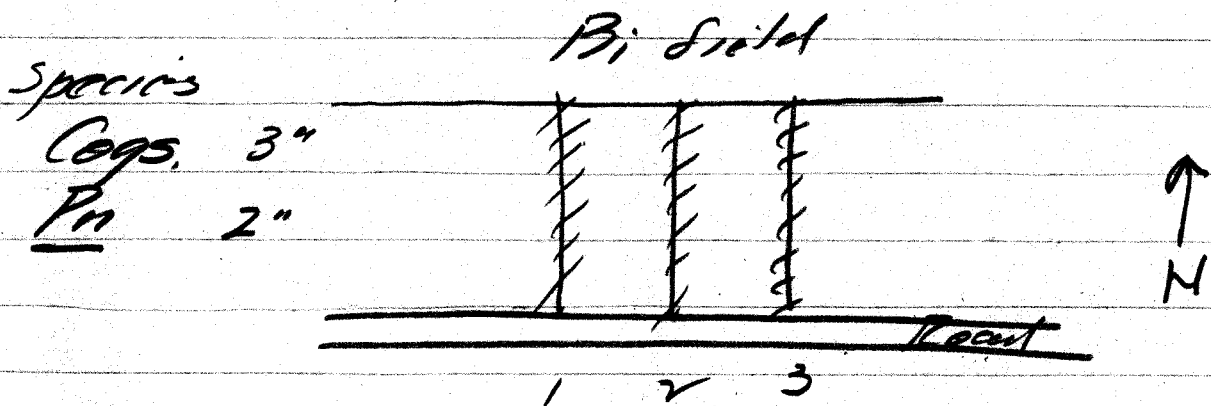
Not a formal plot. Just sprayed two strips at right angles across a broad leaf rhizomatous forb.

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

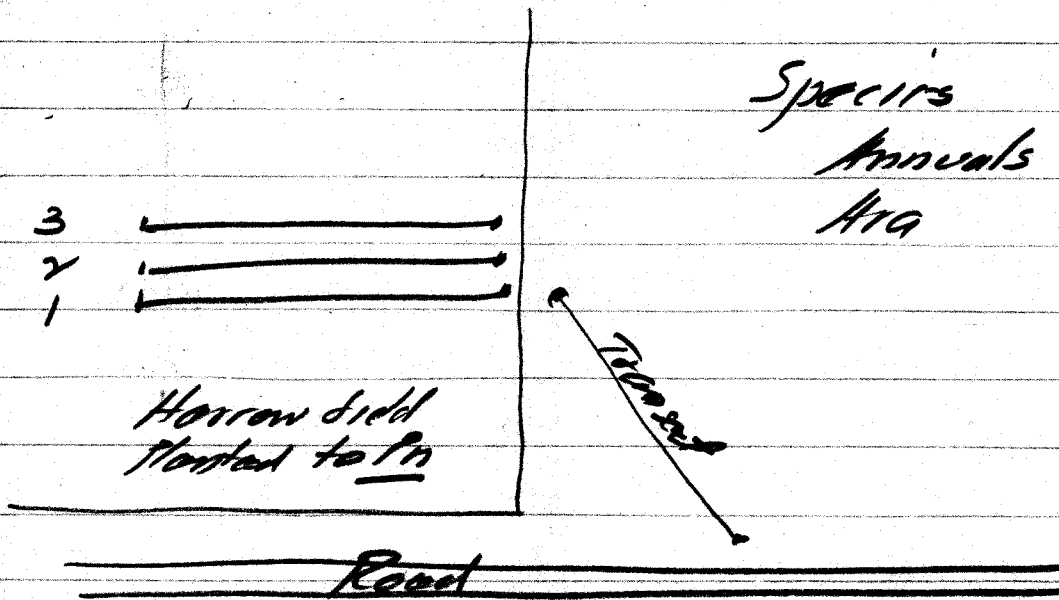


Species Ceqs. stage about to begin
flowering Lvs av. 3 inches tall

4. Unit 1. Strip between Bj resodded field and road East of old corral about 1/2 way to cattle guard between Unit 1 and 3



5. First harrowed area Unit



1959

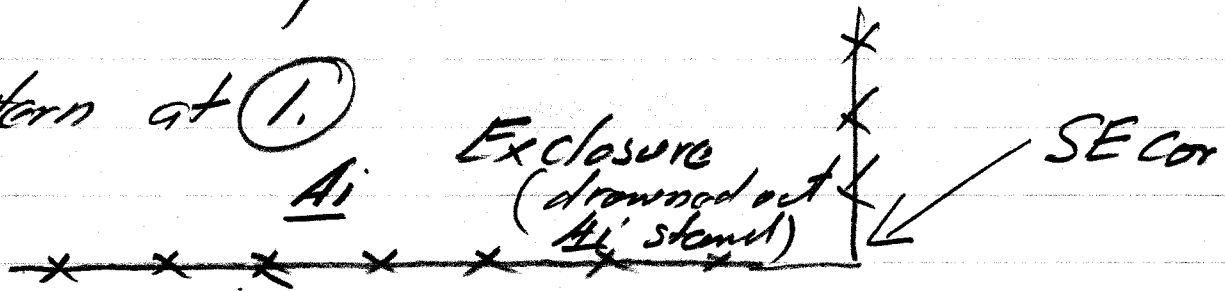
Grasses in mixture seeded on H. Valley
October 20

Two areas

- ① Adjoining Ai enclosure near SE cor.
- ② S.W cor Bi Par reseeded field in Unit 3

Poa ampla
Agropyron cristatum
Bulbous brome
Rat top. } Mixture

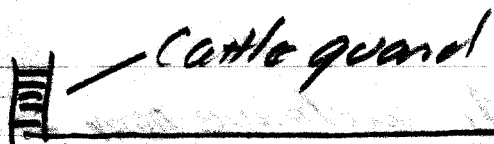
Pattern at ①



Harrowed then seeded	Seeded on undisturbed soil	H.T.S.	S.O.U.S.	H.T.S.	Seeded then harrowed
					S.O.U.S.
					STH
					S.O.U.S.
					STH

(over) for ②

Location ②



Cattle guard

Road

Cornelius test plot

reseeded here

No germination

Air strip

Try Siberian

Hormay Lomatium spraying

Check on 2-4-D Hand spraying H. Valley

Examination

Sept 26 1961
Hormay

Area
No

Result.

5 Spray effective on AR9