Reference is to Mr. Joy's memorandum of February 27, 1951.

Hereewith is the information for a proposed 2,4-D spraying project. The area taken in by this project comprises Pasture #1 of Horway's plan for the Harvey Valley Demonstration Allotment. This pasture is a complete unit and the cultural practices following the spraying are those proposed by Mr. Horway.

OUTLINE

A. Harvey Valley Pasture #1.

B. Location of Area:

1. Parts of Sections 2, 3, 4 and 5, T. 32 N., R. 8 E.;
   Parts of Sections 22, 25, 27, 33, 34 and 36, T. 33 N.,
   R. 8 E.

2. Harvey Valley Range Allotment.

3. Enclosed.

C. Description of Area:

1. Approximately 5,600 feet;

2. 1,640 acres;

3. Tridentata 1,380 acres; Arbuscula 120; Cam 40. Usual
   eastside sage type. Idaho fescue main bunchgrass.

D. Purpose:

1. Release of native species on 1,190 acres;

2. Disc or harrow in native seed on 450 acres.

E. Management of Treated Area:

1. This would be the complete treatment of this Pasture #1. There are four more pastures in this allotment plan.

2. The fence is on the management unit boundary.
3. The plan for the use of this area is:

First year - graze (heavily)
Second year - rest
Third year - rest first half of season
   second half of season graze (heavily)
Fourth year - rest
Fifth year - first half of season graze moderately
   second half of season rest

4. Covered in 3. above;

5. Covered in 3. above.

6. Costs (Estimated):

1. Labor — 4 men, 8 days $304.00

2. Equipment:

   Pumper — 8 days @ $50.00 $50.00
   Plane — $74.00
   Fence — 5-1/2 miles @ $60.00 (5-wire) $330.00
   Bump gates — 5 @ $175.00 (installed) $875.00
   Cost of chemical, diesel etc., $1,200.00
   Harrow or disk — 480 acres @ $4.00 1,920.00

   Total $6,185.00

   If electric fence is used Total $7,085.00

These costs are based on an estimate that it will take eight working days to do the spraying. Costs of the chemicals are based on those of last year for the spraying job done here.

No part of the costs can be borne by the Forest.

Miscellaneous:

We have advanced this project because it is a complete management unit and is a start on the development program for the Harvey Valley Demonstration Allotment.

We want to apologize for the lateness of this report but since Gus Hormay was to be here the 7th, we held off until we could talk it over with him.

cc: Hormay - Exp. Station

attach

By: PHILIP B. LORD, Acting