

RR-CAL
MANAGEMENT

P Pine ranges
Burgess Spring - Squaw Valley

September 1, 1943

Mr. P. D. Hook
Lassen National Forest
Susanville, California

Dear P.D.:

Fred Douthitt tells me that you again had difficulty in gathering the cattle in the timber pasture at Burgess Spring and were therefore unable to weigh more than three of them at the last weighing. Fred told me you were interested in getting bells to use on the cattle to help in finding them in the timber type. We have a half dozen bells at Halls Flat which you may use. They are rather small but I am sure will serve the purpose. However, I believe, - don't you, - that it would be inadvisable to use the bells this year with this particular bunch of heifers because they are rather touchy as it is and I am sure bellling them would cause a lot of disturbance which would no doubt seriously affect their weights.

I hope we can devise some scheme whereby ^{hauled} we could handle the cattle in the timber type more nearly like they are in the meadow type. Driving the cattle downhill to the scales apparently is not the best thing to do. It may be that we will have to place another set of scales in the corrals at Cone troughs and handle the weighings as we did in previous years. I think something should be worked out in the next couple weeks so that we can make any necessary installations this fall.

Will you please send me your suggestions as to how you think we can best overcome the present difficulties in handling the cattle?

Very sincerely yours

A. L. Hornay

A. L. HORNAY
Associate Forest Ecologist

ES

September 6, 1943

Effect of Temperature and precipitation in Conditioning better brush seeds for germination.

Materials

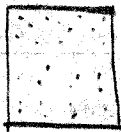
Better brush seeds (approx 1000)

Better brush fruits (" " 1000)

Tin cans, 4 2 1/4 size

Wire screen 1/8" mesh for can covers

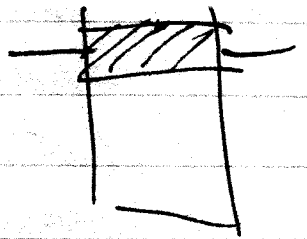
1. Punch holes in the cans with a nail about 1/8" in diameter



elevation



bottom



2. Fill cans with loose top soil, placing top inch of soil in top of cans
3. Plant about 500 seeds in each of two ^{numbered 1 and 3} cans and about 500 fruits in two other cans ^{Plant 1/4 to 1" deep.} _{numbered 2 and 4}
4. Cover each can with wire screen to prevent birds and rodents from eating the fruits
5. Bury the cans (numbered 1, 2, 3 and 4) to within about 1/2 inch of the tops, in the ground in the site factor station at B. 19.
6. Water cans 3 and 4 (seed and fruit) so as to keep the ^{top} soil moist at all times. Do not water

(over)

Cans 1 and 3.

7. At the time the heavy winter snows set in (when it looks like the snow will stay on the ground) remove half of the seeds and fruits from each can and place them in petri dishes at about 70°F and keep moist to permit germination.
8. Record total number of seeds and fruits and percent germination.
9. ~~Record~~ Record the germination of the seeds and fruits remaining in the cans in the spring about May 15 to June 1.

At Homey.



Blacks Mountain Branch
Susanville, California

September 23, 1943

MEMORANDUM FOR A. L. HORMAY

Dear Gus:

I have just now gotten around to opening up the sack of bitter brush seeds and reading your instructions enclosed therein. This job as outlined in the written instructions is considerably larger than I had judged from our talk in Berkeley. We have so many details to keep track of in connection with the logging and experimental work, and with the 40 people engaged on it that I don't see how I can spare the time to put in this experiment and give the treatments required. I just checked with Bill Cumming, the other alternative, and his time too is more than taken up with "must" jobs.

Is it not possible that you will be up this way sometime and able then to establish it, set out the Petri dishes to be used, and show us where to store them to maintain the 70° temperature? It is possible that Mrs. Elliott could handle this maintenance detail.

I am way behind now on some tree description work and other jobs that I must do myself, and Bill is lined out with work that will require considerable attention outside of regular working hours. If Messrs. Talbot and Dunning wish to give this work priority over the jobs we are now engaged in, we will then go ahead and give it the necessary time and attention.

A. A. HASEL
Silviculturist

Est. Oct 3 by HAF
and be watered by Mrs. Elliott