

RR
MANAGEMENT
P. Pine Ranges
Burgess Spring

May 12, 1945

Forest Supervisor
Lassen National Forest
Susanville, California

Dear Norman:

I understand you are on the job in Susanville and have been converted into a "Lassenite" already. I am planning to get into Susanville, Monday P. M., May 14 and hope to see you.

Crone's last word to me on the Burgess Spring range experiment was that you and P. D. were doing your best to get the maintenance work done so the cattle can be put into the pastures soon. Among other things we've been trying to determine the stage of forage growth that cattle start gaining weight in timber-type and meadow pastures. Last season's work showed that this was about the time flower stalk formation was evident in the principal forage species. We want to check this point. It means putting the cattle into the pastures before this stage of growth, when the leaves on the bunchgrasses are about 4 inches tall.

The cattle now at the McClelland ranch will be weighed again before they start for Eagle Lake and Burgess Spring. If everything is clear perhaps we can weigh them on the 15th or 16th when I get there. They should be held in corrals without feed or water over night (15 to 18 hours) before weighing.

It started to rain here this afternoon. It should do a lot of good on the Lassen if it gets there.

Will see you shortly.

Sincerely,

A. L. HORMAY

A. L. HORMAY

(Feb)

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CF&RES 471

CALIFORNIA FOREST & RANGE EXPERIMENT STATION

RR management
P. H. Vandyke

Designation or Subject

May 22, 1945

MEMORANDUM FOR

M. W. Fallot

R/mj

The pasture fences are up and the experimental
 units are coming into Burgess Spring, Wednesday at
 about the same stage of vegetation growth as last
 year. The season is about 10 days earlier than last year.
 Unless there are fairly heavy rains in June expect a short
 season and less than average forage production. Getting
 20 to 25 percent germination of fall and spring planted *Gutierrezia*
 Expect to return to Berkeley about June 4. Have had
 4 days of rain, snow and mud. Clearing now. Gus Stormax

C
O
P
Y

G
ARTIFICIAL RESEEDING
Bitterbrush
(Germination Test)

Hat Creek, California
May 22, 1945

MEMORANDUM FOR DISTRICT RANGER AND FILES

On May 19, 1945, I prepared a germination test for bitterbrush seed which had been gathered on the Murken Bench July 19 and 20, 1944. The seed had been placed in metal cans and stored in an unheated building during the winter months.

In order to obtain a fairly representative sample, one hundred (100) seed, picked at random, were tested. Husks were removed and the seed were soaked for a period of eighteen hours. Each seed was then cut in two across the widest part, the embryo squeezed out and arranged on a wet blotter which had been placed in a glass dish. A second wet blotter was then placed over the seed, a cover placed on the dish and then placed near a north window receiving only indirect light with the room temperature ranging from approximately 65° to 72°.

On May 22, the seed were examined and showed a 100% germination, the sprouts ranging from one eighth to one half inch in length, indicating that some of the embryos were possibly more fertile than others but that seed stock as a whole is of very good quality.

Very good

[Signature]
Olin E. Kirkpatrick
Fire Control Assistant

*I will look at site
spring too dry as a whole. O.T.*

cc: Forest Supervisor
Gus Hormey

*Gus - We have about 2/3 of a G.I.
can of the stuff. Can't find
one seedling from Reubens
plot of last fall.
Ken -*