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*Director
A&H CH.
R File*

R. M. DENIO, ARF, Range Management, RO

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E. J. WOOLFOLK, Chf. Div. Range Management Research

RR-CAL, RESEARCH PROGRAM, Management Mountain Ranges
(Harvey Valley)

The purpose of this memo is to set down some of the items concerning Harvey Valley which we recently discussed with Lassen Forest personnel.

The Harvey Valley demonstration is worthwhile and valuable but admittedly not very striking from a research standpoint. It fills a great need by showing that the Forest Service can and will do something besides reduce numbers of grazing animals to get on top of a difficult range situation. From this standpoint it promises to gain some needed support from stockmen and permittees. Also, as you know, it has tremendous in-service training value and, of course, as the system is extended to other ranges its value is increased further.

In view of these facts and the needs as I see them we are justified in spending considerable time and money on the records and information end of the demonstration. As now constituted all of Hormay's salary save about \$1,100 paid by the game range project, goes into Harvey Valley. In addition several hundred dollars for travel and supplies plus the \$1,000 for Sanderson come out of the range research allotment. If this level is to be maintained or raised as I plan so Hormay can spend full time on the technical phases of the demonstration, it will be necessary to settle on a long term arrangement at an early date.

We have discussed the desirability of putting a reliable, cooperative, progressive, permittee on the allotment who intends to stay in the cow business and is interested in a long-time national forest grazing privilege. The chosen permittee should have a rider to spend full time on the area to insure that the plan works as intended. The permittee should be sufficiently far sighted to tie Harvey Valley and the technical phases of the management system into his home ranch and the over-all yearlong administration of his operation. The discussions of breed of cattle have indicated the desirability of sticking to grade Herefords which prevail in the industry in northern California. Similarly a mixed herd of wet cows, dry cows, yearlings, etc. offers broader study possibilities and again conforms closely to the typical herd composition for that area. It is important that all of these items

2-RMDeNIO-RR-CAL, RESEARCH PROGRAM-10/4/55

be settled well ahead of the 1956 grazing season so that we can work with the permittee on plans and outline completely everything that is to be undertaken. January first would not be too early for a deadline on these points.

It is important too that all cultural phases, reseeding, spraying, etc. be carried out on schedule and in accordance with approved procedures. I know that this has been the goal to date but I have the impression that some variations have occurred. If Hormay and Cornelius are to prescribe the guides, those guides should be followed without deviation or substitution.

As I pointed out previously, some of our Washington Office people view the Harvey Valley demonstration less favorably than we. Therefore, if we are permitted to continue on the present or a stronger basis, we will have to produce a lot of good, solid information worthy of publication and bearing industry's approval. This depends on early clearance of the points contained herein.

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