

*File*

Progress Report

San Diego County

Forage Grass Trials

Name of Project

I. PROCEDURE USED:

The Step-Point vegetative survey was continued on two large scale experimental ranges: (1) Bressi Range (120 acres); (2) Tule Springs Range (approximately 200 acres.) Both ranges were seeded to mixes of Annual and Perennial Grasses and Legumes. The surveys were made approximately the same date for four consecutive years to determine survival of the species.

III. CONCLUSIONS:

Total ground cover has consistently increased since seeding. It is noted that annuals tend to vary more from one year to the next than perennials, depending upon the season. Ryegrass diminishes after the second or third year, except where fertility is increased by fertilization. In these two areas Harding and Smilo appear to have the advantage over other perennials. No clovers have sustained themselves, unless seeded with fertilizer. Rose clover has succeeded to establish itself when band seeded with phosphorus. Vegetative surveys will be continued as long as the plots are intact.

II. RESULTS:

Copies of the surveys are attached.

Specialists: Lester J. Berry  
V. P. Osterliff

SIGNATURE:

*Victor W. Brown*  
Farm Advisor

Farm Advisor

Make sufficient copies of this report to supply one to each signer of the project or project addition.

PROJECT NUMBER: State 2028 County 90

REPORT PREPARED BY Victor W. Brown

Farm Advisor

DATE October 3, 1958

Are project and progress reports to continue? Yes No

2

PER CENT GROUND COVER BRESSIE EXPERIMENTAL RANGE

By Step-Point Analysis

	5-5-55	5-10-56	5-8-57	4-9-58
<u>Seeded Species</u>				
Ryegrass	3.03	2.03	2.31	1.83
Harding	.82	1.64	3.14	1.54
Veldt	.38	1.08	3.10	1.89
Smilo	.24	.65	1.65	1.13
Bur Clover	.24	.03	.26	.60
Rose Clover	.57	.19	.27	--
Sub Clover	.15	.03	.04	--
Crimson				
<u>Non-Seeded Species</u>				
Stipa	1.77	2.49	6.90	3.47
Wild Oats	.27	.35	1.02	2.14
Soft Chess	.07	.03	1.89	1.36
Red Brome	.48	1.22	6.33	10.14
Misc.	3.94	4.13	11.01	7.40
Total Ground Cover	12.20%	13.90%	37.90%	31.50%