

Plan

July 17/57  
Hornay

Plan for determining yearly variation in forage  
production in Harvey Valley pastures.

1. Get "index" of variation in herbage production from year to year by clipping and determining the yield per unit area of the following species or vegetation types inside livestock exclosures.

Unit	Species	Type	Exclosure
1. Plants	Idaho fescue	Timber	9
2. "	" "	Sagebrush	5 (Burgess Sp. drainage)
3. "	Stipa occidentalis	Timber	9
4. "	" "	Sagebrush	2 (Sprayed area)
5. "	Sitanion hystrix	Timber	9
6. "	" "	Sagebrush	1 (Sprayed area)
7. "	Poa sanbergii	"	1 " "
8. "	Poa nevadensis	Meadow	8 (Between past 1&3)
9. 6" sq	Meadow type	"	8 " " "
10. "	" "	"	6 (Below B. S.)
11. "	" "	"	Little H. V. (50 samples per transect)
12. "	Purshia tridentata	"	S.W. corner Unit 1

Collect and measure 100 units of each of the above. Total 1200 samples: (Bag each sample separately). Bag each species separately - 5 or 10 samples per bag (1957 only).

Collect approx 1000 seed heads (or equivalent) from each species listed above (exclude 9, 10, & 11) when seed ripe.

Mark out clipping and collecting areas with steel fence posts.