

Chango Flat - Experimental Planting Area
Planted - November 1, 1946
Susan River District, Lassen National Forest

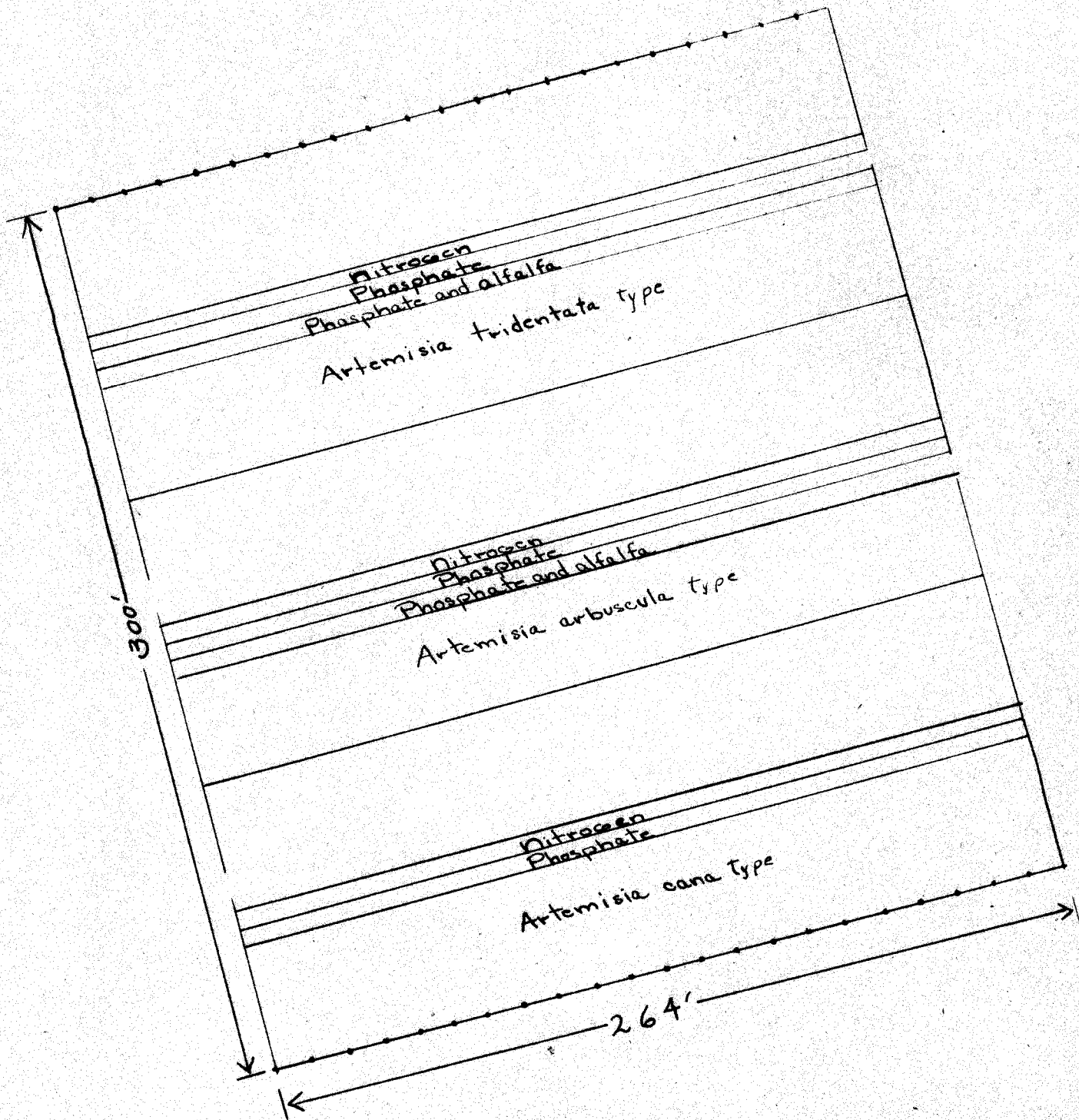
This experimental area is located in the northwest corner of the administrative area. Grass plots, 12 feet wide by 300 feet long, cross three sagebrush types, namely, Artemisia tridentata, A. arbuscula, and A. cana as shown on accompanying sketch of plots.

Twenty-one plots were planted, numbered from west to east, as follows:

Plot No.	CR No.	Scientific Name	Common Name	Source
1	54	<i>Phalaris arundinacea</i>	Reed's canary grass	Commercial
2	169	<i>Phleum pratense</i>	Timothy	"
3	165	<i>Agropyron smithii</i>	Western wheatgrass	Lakeview, Ore.
4	40	" "	" "	Scott City, Kansas
5	102	" "	" "	F-9575, Pullman, Wash., SCS
6	103	" "	" "	North Dakota, SCS.
7	107	<i>Agropyron cristatum</i>	Crested wheatgrass	"Standard", North Dakota, SCS
8	108	" "	" "	"Fairway", North Dakota, SCS
9	100	" <i>intermedium</i>	Intermediate wheatgrass	F-2327, Pullman, Wash., SCS
10	110	" "	" "	North Dakota, SCS
11	106	" <i>elongatum</i>	Tall wheatgrass	" " "
12	111	<i>Elymus glaucus</i>	Blue wildrye	F-2662, Pullman, Wash., SCS
13	116	" <i>canadensis</i>	Canada wildrye	North Dakota, SCS
14	99	" <i>fuscus</i>	Russian ryegrass	" " "
15	109	<i>Stipa viridula</i>	Green needlegrass	" " "
16	98	<i>Poa ampla</i>	Big bluegrass	F-2716, Pullman, Wash., SCS
17	167	<i>Bromus marginatus</i>	Mountain brome	Lassen N. F.
18	112	" "	" "	F-2133, Pullman, Wash., SCS
19	101	" "	" "	Bromer, Pullman, Wash.
20	113	" <i>inermis</i>	Smooth brome	Manchar, Pullman, Wash., SCS
21	105	" "	" "	Ashenbach, Manhattan, Kansas, SCS
22	104	" "	" "	Lincoln Waterloo, Nebraska, SCS

Strips of nitrogen fertilizer, ammonium sulfate at rate of 500 pounds per acre; phosphate fertilizer, 500 pounds superphosphate per acre; and alfalfa, 10 pounds per acre with 200 pounds of super phosphate per acre was applied across the drilled plots as shown in diagram. The strips are parallel to the three sage-brush types. Each strip is 12 feet wide and 264 feet long.

Champs Flat
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Stakes 12 feet apart.

Area tilled with one-way wheatland plow
Plots drilled with 6 foot Van Brunt grain drill;
2 rails and "cat drawbar" dragged in front of
drill as leveler.