

*Type some of the explanation on the top of this page.*

RANGE FERTILIZER TRIALS, 1971-72

Louis Donati, Sinsheimer Ranch, Southeast of County Airport, Edna Road

by

Bill Weitkamp

- (1) 10' x 100' Plots:  
 Fertilizer Applied 12-1-71  
 Harvested with 3' mower 3-29-72

Fertilizer	Pounds Applied per Acre				Pounds Dry Forage per Acre			Average 3 Reps.	Percent of Check
	Total	N	P <sub>2</sub> O <sub>5</sub>	S	Rep. I	Rep. II	Rep. III		
Urea	183	80			348	697	682	576	200
Urea	91	42			653	436	1,220	770	267
21-0-0-24	381	80		91	363	799	1,931	1,031	358
21-0-0-24	190	40		45	653	436	595	561	195
16-20-0-15	500	80	100	75	1,946	1,035	2,802	1,928	669
16-20-0-15	250	40	50	37	770	857	1,670	1,099	382
NH <sub>4</sub> NO <sub>3</sub>	240	72			1,133	624	1,467	1,075	373
NH <sub>4</sub> NO <sub>3</sub>	120	36			421	639	915	658	228
0-20-0-12	500		100	60	174	290	595	353	123
0-20-0-12	250		50	30	334	290	348	324	113
Check	0				167	355	341	288	100

(Continued)

Range Fertilizer Trials, 1971-72 (Donati)

(2) 4' x 4' Plots:

Fertilizer Applied 12-9-71

Harvested with Hand Clippers 3-28-72

*Donati*

Fertilizer	Pounds Applied per Acre				Pounds Dry Forage per Acre					Percent of Check
	Total	N	P <sub>2</sub> O <sub>5</sub>	S	Rep. I	Rep. II	Rep. III	Rep. IV	Average	
Urea	142	64			810	852	1,344	1,854	1,215	184
21-0-24	300	63		72	1,032	1,392	1,386	1,164	1,243	189
16-20-0-15	400	64	80	60	2,568	2,904	3,546	2,454	2,868	435
19-9-0	350	66.5	31.5	70	2,208	2,286	2,664	2,292	2,363	359
Check	0				588	300	732	1,014	659	100