

Bitterbrush BMT (1961 data)

Apr. 18/63

Hormay

Plants dead at time of fencing or died with ^{out} producing new twigs after fencing.

		Inside enclosure			Bitterbrush		Outside enclosure		
Plant No.	Dia (ins)	Area	Ht	AXHT	Plant No.	Dia (ins)	Area	Ht	AXHT
612	16	201	20	4020	24	12	113	10	1130
615	20	314	36	11304	25	12	113	12	1356
617	36	1018	30	30540	26	10	79	10	790
618	36	1018	30	30540	27	18	254	10	2540
619	36	1018	35	35630	45	14	154	10	1540
627	25	491	22	10802	48	12	113	12	1356
632	28	616	40	24640	62	20	314	12	3768
635	40	1257	36	45252	69	10	79	18	1422
639	30	707	20	14140	298	10	79	10	790
641	30	707	36	25452	362	12	113	10	1130
668	40	1257	36	45252	386	20	314	10	3140
669	20	314	24	7536	393	15	177	12	2124
670	40	1257	36	45252	404	10	79	8	632
686	20	314	25	7850	487	12	113	12	1356
Total N=14		10489		338210	555	12	113	8	904
Ave	30.9	749	32.2"		629	20	314	10	3140
					648	8	50	8	400
					657	30	707	16	11312
					N=18		3278		38830
					Ave.	1512	182	11.8"	

$$\frac{31416 \times D^2}{4} = 7854 D^2$$

Survival and mortality bitterbrush

BMT study

Dig class	Total in dig class	Inside Enclosure			Outside Enclosure							
		100% dead	100% alive	Ave	100% dead	100% alive	Ave					
		No of plants	% of class		No of plants	% of class		No of plants	% of class		No of plants	% of class
1	1-6	125	-		93	74.4	220	7	3.2	3.2	56	25.5
2	7-12	164	-		101	61.6	216	23	10.6	10.9	12	5.6
3	13-18	107	12	11.2	130	18	16.8	81	9		11.1	2
4	19-24	67	10	14.9				62	11	17.7		
5	25-30	103	28	27.2	39.4	10	10	46	6	13.0		
6	31-36	90	32	35.6				30	6	20.0		
7	37-42	53	15	28.3	22	4	18.2					
8	43-48	43	15	34.9	10		0					
9	49-54	10	4	40.0	6	1	16.7					
10	55-60	29	10	34.5	3		0					
11	61-66	5	2	40.0								
12	67-72	4	3	75.0								
Total		800	131	16.4	212	26.5	696	67	9.6		70	10.1

✓ Includes - Plants alive in 1933 &
 Plants established since 1933
 Exclude plants dead at time of fencing 1933

T 3155
 N B
 Ave 39.4

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May 8/63

Amount of dead crown in butterbrush
plants: BMT enclosure 1961

Hervey

