

Caged Bitterbrush Plants Series I

Caged May 24 1961. Uncaged June 26, 1963. Recaged

1966

Examination No 7 Date Oct 7 1965 Examiner Hormay

Plant No	Strip	Steps from	live		Grown measurements							
			L ins	W ins	Dia ins	Hf max"	Area live ²	% dead	Thiq L ins	% use	Growth form	Seed prod.
122	0-1	30	22	16		13	150	0		65	2-1	
123	2-1	4	29	24		12	144	50		100	1	
124	3-2	32	34	32		19	300	10		90	2-1	
125	3-2	23	30	25		16	300	8		99	1-2	
126	4-3	4	36	30		15	288	50		100	1	
127	4-3	33	33	22		18	220	60		90	2-1	
128	4-3	75	20	17		6	160	T		100	1	
129A	5-4	10	24	21		9	216	8		100	1	
129B	5-4	10	22	19		13	140	40		100	1	
130	6-5	20	34	31		16	144	70		100	1	
131	6-5	60	41	38		20	560	40		100	1-2	
132A	6-5	70	10	6		10	25	0		65	2-1	
132B	6-5	70	14	12		13	80	0		75	2-1	
133	7-6	35	33	23		18	210	65		100	1	
134	7-6	30	31	20		14	210	60		100	1	
135	8-8	40	35	30		13	300	45		100	1	
136	9-8	75	23	22		12	210	30		98	1-2	
137	10-9	80	33	33		19	442	30		100	1-2	
138	10-9	75	31	24		16	160	70		100	1	
139	10-9	33	32	28		13	350	10		100	1	
140	10-9	30	29	17		10	70	60		100	1	
141	11-10	60	36	13		18	442	30		100	1	
142	11-10	92	34	26		20	270	10		60	2-1	
143	13-12	95	26	19		12	50	80		95	1	
144	14-13	80	30	23		14	280	50		100	1	
(145)	not established											
146	13-12	50	31	25		13	180	50		100	1	
147	13-12	25	32	26		23	270	35		90	1-2	
148	15-14	35	32	27		19	290	5		100	1-2	
149	15-14	65	35	29		15	270	33		100	1	
150	17-16	65	34	23		17	280	75		100	1	

144
72
36

Series I

Pl. Biom. Exam. (Oct 7 1965)

Growth above
old twig
stubs

Plants uncaged and grazed

Plant No	Dia (live) L W	Ht (live) Max Index	Area live sq "	% dd	Current Use %	Growth Form D=deer C=cattle } use
122	22 (19) 16	13	150	0	85	D-C
123	29 (26) 24	12	144	50	100	C -
124	34 (33) 32	19	300	10	90	D-C
125	30 (27) 25	16	300	8	99	C-D
126	36 (33) 30	15	288	50	100	C
127	33 (27) 22	18	220	60	90	D-C
128	20 (18) 17	6	160	T	100	C
129 B	24 21	9	216	8	100	C
129 A	22 19	13	140	40	100	C
130	34 31	16	144	70	100	C
131	41 38	20	560	40	100	C-D
132 A	10 6	10	25	0	65	D-C
132 B	14 12	13	80	0	75	D-C
133	33 23	18	210	65	100	C
134	31 20	14	210	60	100	C
135	35 30	13	300	45	100	C
136	23 22	12	210	30	98	C-D
137	33 33	19	442	30	100	C-D
138	31 24	16	160	70	100	C

144 -
72
36

Series I Cont'd Oct 7 1965

Plant No	L	W	Ht	Area	% dd	Use %	Growth Form
139	32	28	13	350	10	100	C
140	29	17	10	70	60	100	C
141	36	31	18	442	30	100	C
142	34	26	20	270	10	60	D-C
143	26	19	12	50	80	95	C
144	30	23	14	280	50	100	C
145	— not established						
146	31	25	13	180	50	100	C
147	32	26	23	270	35	90	C-D
148	32	27	19	290	5	100	C-D
149	35	29	15	220	33	100	C
150	34	23	17	280	25	100	C

1965

.5

144
72
36

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Series II Caged plants 5th Exam Oct 7 1965

Plant No	Live			% dd	Area live sq"	Growth Status	Twig length"	Age Use
	L	W	Ht					
72	28	22	20	0	216	N Normal	4 to 7" \downarrow	5.5
73	18	11	16	60	85	N	4 to 6"	5.0
74	44	34	28	T	500	N	4 to 8"	5.5
75	21	13	15	70	150	N	3 to 4.5"	4.0
76	34	30	28	3	430	N	5 to 9.0"	6.0 $\frac{1}{2}$
77	39	35	28	75	330	N	4 to 6.0"	5.0 $\frac{1}{2}$ Under 50 Pine
78	32	28	25	0	250	N	5 to 8.0"	5.5
79W	20	20	26	2	160	N	4 to 6.0"	5.0
80E	29	25	26	2	250	N	4 to 7.0"	5.5
81	30	27	28	50	220	N	5 to 7.0"	6.0 Pine Under
82	43	34	30	50	280	N	Prob 7.0"	7.0 Use = 95%
							Prob caged tipped over so D-C	
83	16	10	17	0	60	N	5 to 8"	6.5
84	23	19	19	0	180	N	5 to 8"	6.5
85	33	28	30	10	360	N ^D	Prob 7-8"	7.5
							Prob grazed	
1965 Pt cache 3' SE plant 85 in Cr last 5 plants in cache								
86	32	28	26	33	260	N	5 to 8"	6.5
87	37	30	28	20	400	N	5 to 8"	6.5
88	36	33	17	0	500	N	3 to 4"	3.5
89	34	31	26	T	400	N	4 to 6"	5.0
90	32	17	19	7	288	N	3 to 7"	4.5

1965

Series II Caged Cont'd Oct 7 1965

Plant No	L	W	Ht	%old	Area sq"	Form	Twig length in
91	33	28	23	0	288	N	3-5" 4.0
92	33	31	23	0	320	N	4-6" 5.0
93	36	35	29	5	400	N	4-7" 5.5
94	36	35	25	T	500	N	2-6" 3.5
95	32	19	25	55	220	N	2-4" 3.5
96	26	26	22	20	230	N	4-6" 5.0
97	not estab						
98	36	31	26	33	400	N	3-6" 4.5
99	36	24	20	10	400	N	4-6" 5.0
100	24	25	22	0	280	N	5-9" 6.5 ^{under} tree
101	34	32	23	2	400	N	6-9" 7.5
102	33	24	23	2	300	N	3-5" 4.0

Phenology

Pt plant distinctly yellow-green
about 65% dry 35% green

- 1 144
- 2 288
- 3 432
- 4 576
- 5 720