

牛蒡沢試験地 直径

2000-12

No. 牛 1

year	1986.01	1991.04	1996.05	2000.12		備考
age	81	86	91	96		
	直径	直径	直径	1 DBH	2	
1	58.05	62.20	63.90	67.0 ×	67.0	
2	42.85	45.00	44.70	45.0 ×	47.0	
3						
4						
5	41.80	45.60	46.20	49.0 ×	47.0	
6	38.15	39.40	38.70	41.0 ×	41.0	
7						
8	85.30	89.50	93.00	92.0 ×	98.0	
9	34.95	35.90				
10						
11	29.45	30.50				
12	54.50	57.05	58.80	62.0 ×	59.0	
13	39.60	40.40				
14	69.35	73.60	76.00	74.0 ×	79.0	
15	43.75	43.50	44.70	47.0 ×	44.0	
16	54.80	59.70	59.10	×		
17						
18	38.60	39.50	38.90	40.0 ×	41.0	
19	31.45	32.10	32.10	32.0 ×	33.0	
20						
21	29.85	31.20				
22	56.30	60.20	62.60	61.0 ×	65.0	
23	19.30	19.80				
24						
25						
26	49.70	53.80	54.10	57.0 ×	58.0	
27						
28	48.80	53.10				
29	34.65	35.70				
30						
31	35.40	37.10				
32	57.25	61.40	63.60	65.0 ×	68.0	

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year	1986.01	1991.04	1996.05	2000.12		備考
age	81	86	91	96		
	直径	直径	直径	1	DBH 2	
33						
34						
35	51.10	55.50	55.50	60.0	× 60.0	
36	52.05	56.40				
37	43.80	46.00	46.95	46.0	× 49.0	
38	50.60	53.80				
39	29.75	31.40				
40	41.45	44.00	45.20	49.0	× 47.0	
41	40.20	43.30	44.75	45.0	× 48.0	
42	33.60	34.60				
43						
44	58.40	61.60	63.70	69.0	× 61.0	
45	40.40	42.90	42.15	44.0	× 48.0	
46						
47	61.75	67.20	70.50	75.0	× 73.0	
48						
49	34.70	36.10				
50						
51	59.00	63.20	66.20	65.0	× 69.0	
52						
53	36.70	39.30	37.30	40.0	× 45.0	
54	23.80					
55						
56						
57	53.60	55.80	57.40	59.0	× 57.0	
58	34.00	36.30				
59						
60	43.55	48.30				
61	37.85	39.90	39.90	42.0	× 41.0	
62	27.55	29.00				
63						
64	49.80	54.50	55.15	56.0	× 59.0	
65	35.40	38.00	37.50	38.0	× 41.0	

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year	1986.01	1991.04	1996.05	2000.12		備考
age	81	86	91	96		
	直径	直径	直径	1	DBH 2	
66	44.30	48.50	51.00	×		
67						
68	39.30	42.50	43.20	45.0 × 47.0		9 47
69						
70	19.90	20.80				
71	54.55	57.30	59.70	66.0 × 58.0		
72	36.50	39.80				
73	41.85	44.80	45.75	46.0 × 51.0		9 51
74						
75	20.50	21.80				
76	34.85	38.40				
77						
78	27.30	29.00				
79						
80	49.00	53.00	54.95	57.0 × 59.0		
81						
82						
83	24.80	24.10				
84						
85	36.30	39.80	40.45	48.0 × 41.0		
86	31.55	33.00				
87						
88	52.20	55.30	56.55	62.0 × 58.0		
89	34.30	37.00				
90	25.20	26.50				
91						
92	34.70	35.90	35.50	38.0 × 37.0		9 37
93						
94	29.70	31.40				
95						
96	40.10	43.60	45.25	48.0 × 49.0		
97	52.55	56.50	57.70	60.0 × 61.0		
98	44.40	47.80	47.30	47.0 × 51.0		

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No. 4-4

year	1986.01	1991.04	1996.05	2000.12		備考
age	81	86	91	96		
	直径	直径	直径	1 DBH	2	
99	42.35	45.80	45.90	47.0	49.0	
100	39.00	41.00	41.20	42.0	43.0	
101	38.60	42.40	42.05	42.0	47.0	
102						
103	33.65	34.90	36.05	36.0	37.0	No 105
104	44.30	48.60	47.40	50.0	53.0	
105						
106	62.55	69.60	70.60	73.0	75.0	国産2.10 6果..2003
107	53.80	56.80	57.85	59.0	59.0	
108						
109						
110	71.60	78.00	81.50	76.0	88.0	
111						
112	53.00	56.60	56.60	60.0	58.0	
113						
114	69.40	75.20	79.00	82.0	79.0	
115	41.10	42.70				
116	32.45	33.90				
117	50.15	52.70	51.90	52.0	55.0	
118	63.55	68.90	72.50	78.0	74.0	
119	37.20	38.90				
120	37.50	39.20				
121	39.65	40.60	40.00	x		
122						
123	45.40	47.70	50.10	53.0	48.0	
124	36.10	37.20		61.0	58.0	
125						
126						
127	51.20	55.50	56.35	x		
128	35.65	36.50				
129						
130	54.95	59.10	62.00	x		
131	43.00	46.80	47.90	52.0	49.0	

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No. 45

year	1986.01	1991.04	1996.05	2000.12		備考
age	81	86	91	96		
	直径	直径	直径	1 DBH	2	
132						
133						
134	60.10	63.60	66.00	68.0	65.0	
135	57.95	62.30	62.45	63.0	67.0	
136	41.80	43.50				
137	32.70	34.00				
138	35.95	38.00	38.30	41.0	39.0	
139	29.65	30.20				
140	52.95	55.60	55.15	59.0	56.0	
141	44.65	46.70	46.55	48.0	47.0	
142	32.20	33.00				
143	58.20	60.80	60.45	62.0	64.0	
144	31.30	32.40				
145	44.35	45.00				
146						
147						
148	42.60	45.00	44.60	47.0	45.0	
149	49.80	52.90	53.40	55.0	56.0	
150						
151	59.60	64.90	63.90	70.0	66.0	
152						
153	38.55	40.00	39.15	41.0	42.0	
154	40.45	42.50				
155	55.60	59.30	60.20	62.0	64.0	
156						
157	50.55	53.00	54.40	59.0	55.0	
158	27.20	28.70				
159	36.20	37.50	37.95	38.0	40.0	
160	46.10	51.20	51.75	53.0	54.0	
161						
162	39.90	42.20	41.00	43.0	42.0	
163						
164	23.60	24.40				

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No. 76

year	1986.01	1991.04	1996.05	2000.12	備考
age	81	86	91	96	
	直径	直径	直径	1 DBH 2	
165	41.15	45.50	46.50	49.0 × 49.0	
166	60.40	63.20	63.60	62.0 × 64.0	
167	46.60	49.60	51.80	50.0 × 57.0	
168	50.35	54.70	57.00	58.0 × 53.0	
169					
170	38.35	39.90	39.80	42.0 × 40.0	
171					
172	34.25	35.90			
173					
174	35.25	36.80	36.25	37.0 × 32.0	
175					
176	79.50	83.80	88.00	84.0 × 94.0	No179
177	45.75	48.90	48.80	51.0 × 50.0	2"778.23
178					
179	34.50	36.00			
180					
181					
182	39.80	41.30	41.30	41.0 × 40.0	枯死
183	47.60	50.00	50.10	51.0 × 53.0	
184	49.35	53.00			
185	46.20	48.80	49.20	51.0 × 50.0	
186					
187	56.90	58.90	63.10	68.0 × 65.0	
188	26.90	27.50			
189	63.35	70.80	70.80	76.0 × 72.0	
190	35.25	37.10			
191	44.90	47.20	47.90	48.0 × 50.0	
192					
193	41.65	43.80	44.30	46.0 × 44.0	
194	60.20	64.30	68.30	71.0 × 68.0	
195					
196					
197	47.60	49.70	50.00	×	

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No. 牛-7

year	1986.01	1991.04	1996.05	2000.12	備考
age	81	86	91	96	
	直径	直径	直径	1 DBH 2	
198					
199	33.70	35.00			
200	53.95	58.00	61.30	61.0 × 63.0	
201					
202					
203					
204	47.85	51.20	54.00	55.0 × 56.0	
205					
206					
207	44.65	46.20	45.40	46.0 × 49.0	
208	36.65	38.10	38.20	40.0 × 36.0	
209					
210					
211	34.30	38.70			
212					
213	45.20	47.80	50.10	52.0 × 52.0	
214	31.05	32.60			
215					
216					
217	42.30	45.50	47.50	47.0 × 48.0	
218					
219	28.45	29.40			
220	53.20	57.70	59.55	62.0 × 60.0	
221	33.55	34.90			
222	30.00	30.30			
223	53.90	58.80	59.20	61.0 × 58.0	
224					
225					
226	50.85	52.00	53.50	55.0 × 55.0	
227					
228	68.00	70.90	74.00	72.0 × 78.0	
229					
230	70.05	72.60	75.50	81.0 × 78.0	

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No. 7-8

year	1986.01	1991.04	1996.05	2000.12		備考
age	81	86	91	96		
	直径	直径	直径	1 DBH	2	
231						
232	58.65	65.30	68.70	72.0 ×	66.0	
233						
234	41.40	43.90	44.10	46.0 ×	45.0	
235						
236						
237	66.45	71.20	71.80	72.0 ×	76.0	
238	0.00	0.00	0.00	×		
239	65.35	70.30	73.60	76.0 ×	74.0	
240			0.00	×		
241	43.80	46.90	47.30	49.0 ×	51.0	
242	33.60	34.70				
243	37.55	39.50				
244	30.25	31.50				
245	43.80	46.00	45.95	47.0 ×	48.0	
246	53.20	54.00	56.50	56.0 ×	58.0	
247	53.45	58.20	60.10	57.0 ×	60.0	
248						
249						
250	31.60	34.50				
251	55.45	61.20	64.80	66.0 ×	66.0	
252						
253	51.75	54.20	56.30	58.0 ×	56.0	
254						
255						
256	45.35	47.40	48.20	46.0 ×	50.0	
257	45.25	48.10	48.10	49.0 ×	49.0	
258						
259	38.70	39.50				
260						
261						
262	33.20	34.60				
263	41.35	42.50	42.40	44.0 ×	42.0	

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No. 午-9

year	1986.01	1991.04	1996.05	2000.12		備考
age	81	86	91	96		
	直径	直径	直径	1 DBH	2	
264	47.40	51.50	52.40	58.0	53.0	
265						
266	60.35	64.20	66.40	68.0	66.0	
267						
268	40.10	41.20	40.70	43.0	41.0	
269	49.55	52.00	50.20	53.0	52.0	
270						
271	38.75	40.20				
272	36.60	38.40	38.50	38.0	38.0	
273	41.70	42.50			x	
274						
275						
276	42.70	45.60	46.50		x	
277						
278						
279	49.45	51.00	51.50	52.0	52.0	
280						
281						
282	37.50	38.70				
283	24.35	24.80				
284						
285	46.45	48.50				
286						
287	57.10	60.20	62.50	66.0	62.0	
288						
289	32.90	33.70				
290	36.10	37.00				
291	41.15	43.00	45.00	45.0	45.0	
292						
293						
294	40.25	41.80	41.05	43.0	42.0	
295	49.20	51.80				
296						

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No. 7-10

year	1986.01	1991.04	1996.05	2000.12		備考
age	81	86	91	96		
	直径	直径	直径	1 DBH	2	
✓ 297	72.65	74.50	78.20	80.0 ×	79.0	
298	45.70	48.10	46.60	89.0 ×	89.0	
299	43.00	43.70	42.70	86.0 ×	83.0	
300						
301						
302	58.35	61.00	63.50	62.0 ×	68.0	
303						
304	34.90	35.10				
305	34.05	35.00	35.00	38.0 ×	35.0	
306	44.85	47.20	48.20	49.0 ×	48.0	
307						
✓ 308	46.95	48.60	47.20	51.0 ×	48.0	
✓ 309	56.50	57.50	58.80	63.0 ×	59.0	
310						
311	38.85	40.20				
✓ 312	55.65	57.90	60.50	62.0 ×	61.0	
313	41.50	42.20	41.70	43.0 ×	44.0	
314						
315	58.75	61.40	63.20	67.0 ×	63.0	
316						
317	46.85	49.50	48.60	54.0 ×	48.0	
318	36.45	37.20				
319	48.65	51.30	50.40	55.0 ×	52.0	
320						
321	33.40	35.00	35.05	×		
✓ 322	58.90	62.40	61.70	64.0 ×	65.0	
323						
324						
325	48.95	52.50	53.60	56.0 ×	54.0	
✓ 326						
327						
328	49.00	51.60	51.70	51.0 ×	54.0	
329						

303

68.0

68.0

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17

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No. 411

year	1986.01	1991.04	1996.05	2000.12		備考
age	81	86	91	96		
	直径	直径	直径	1 DBH	2	
330	47.40	49.80				
331	43.15	47.00	47.00	50.0 ×	51.0	
332	39.75	41.00	41.10	41.0 ×	42.0	
333	57.40	62.20	61.40	A 68.0 ×	63.0	
334				B 52.0	51.0	
335	30.30					
336	30.70	31.60	31.40	36.0 ×	32.0	349.下
337	29.35	30.20				
338	43.55	46.00	45.70	49.0 ×	48.0	
339	30.80	32.10				
340						
341	39.10	40.60	40.00	44.0 ×	41.0	
342						
343	52.20	54.50	54.85	59.0 ×	57.0	
344						
345	34.65	35.60	34.65	36.0 ×	36.0	
346						
347	37.55	39.30	38.55	40.0 ×	42.0	
348						
349	52.00	54.60	54.90	54.0 ×	57.0	
350	40.80	36.60				
351	26.55	26.80				
352						
353	34.95	36.80				
354						
355	36.50	39.00	37.95	39.0 ×	38.0	
356	54.75	59.00	59.00	61.0 ×	64.0	385下
357						
358	29.55	30.80				
359	45.40	48.60	49.00	50.0 ×	49.0	
360	36.00	39.00	40.65	41.0 ×	40.0	
361						
362						

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No. 牛12

year	1986.01	1991.04	1996.05	2000.12		備考
age	81	86	91	96		
	直径	直径	直径	1 DBH	2	
363	54.30	55.10	58.35	66.0	× 56.0	
364	30.70	31.40				
365						
366						
367	60.90	62.20	65.70	67.0	× 68.0	
368	36.30	37.80	37.50	39.0	× 40.0	
369	46.90	48.90	50.80	53.0	× 50.0	
370						
371	41.70	44.20	43.70	50.0	× 52.0	
372	44.40	47.30	47.90	49.0	× 50.0	
373						
374	38.85	40.70	40.25	42.0	× 43.0	
375	58.55	59.30	61.00	61.0	× 61.0	
376						
377	43.00	43.90	45.00	46.0	× 47.0	
378						
379	35.20	36.40	36.40	36.0	× 39.0	
380	53.40	56.90				
381	57.20	60.50	63.20	59.0	× 68.0	
382	30.70	32.00				
383						
384	41.20	44.10	42.40	44.0	× 48.0	
385	48.80	54.00	54.30	59.0	× 57.0	
386						
387	38.75	41.70	40.40	43.0	× 43.0	
388	33.40	34.20	33.60	35.0	× 34.0	
389						
390	54.40	58.70	57.50	60.0	× 69.0	
391						
392						
393	40.40	41.90	43.15	44.0	× 45.0	
394						
395						

2000-12

No. 牛-12

year	1986.01	1991.04	1996.05	2000.12		備考
age	81	86	91	96		
	直径	直径	直径	1 DBH	2	
✓ 396	48.55	52.60	53.70	58.0	58.0	
397	45.55	47.60	48.10	51.0	51.0	
398	30.80	32.00				
399						
400						
401	29.50	30.40				
402						
✓ 403	42.85	46.20	47.10	49.0	49.0	
404	26.55	27.30				
405						
406	48.80	50.90	53.60	56.0	52.0	
407	42.40	45.80	45.70	47.0	46.0	
✓ 408	36.00	38.20	38.40	41.0	39.0	
409	31.50	32.50				
✓ 410	45.05	47.80	49.40	50.0	51.0	
411	36.20	39.10	39.40	40.0	43.0	
412						
413						
414	37.10	39.00				
415	52.75	57.70	60.70	61.0	63.0	
416						
✓ 417	53.10	57.30	59.60	58.0	62.0	
418	48.55	51.20	51.60	53.0	58.0	
419	39.30	40.20	39.80	40.0	43.0	
420	51.70	54.80	56.20	56.0	57.0	
421						
422	56.05	59.60	61.80	60.0	64.0	
423	35.90	38.20				
? 424				34.0	33.0	不
425	54.20	59.80	62.80	65.0	64.0	
426	49.20	52.30	54.20	51.0	58.0	
427						
428	42.00	43.50	43.30	42.0	43.0	

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year	1986.01	1991.04	1996.05	2000.12	備考
age	81	86	91	96	
	直径	直径	直径	1 DBH 2	
429	50.60	52.90	53.20	53.0 × 59.0	
430					
431	41.55	40.50	40.00	42.0 × 44.0	
432					
433					
434					
435					
436					
437	46.10	49.20	51.10	53.0 × 59.0	
438	38.15	39.80	40.50	40.0 × 42.0	
439					
440					
441	28.65	29.40			
442	44.95	48.30	47.70	49.0 × 52.0	
443	54.65	53.30	55.10	53.0 × 57.0	
444	63.85	69.20	72.30	77.0 × 69.0	
445					
446	33.15	33.90			
447	47.20	48.20	49.00	50.0 × 52.0	
448	40.30	42.50			
449	55.00	58.80	60.30	61.0 × 62.0	
450	45.30	46.50	47.00	48.0 × 48.0	
451					
452	48.35	50.70	49.80	52.0 × 51.0	
453	46.15	48.10	47.50	48.0 × 52.0	
454	50.10	53.50	53.65	56.0 × 57.0	
455					
456					
457					
458					

39544.18 40315.97 #####

130
197

276 (273)
127 121

356 359 360
336 397

13

195

牛蒡沢試験地樹高測定野帳

No. /

1986年8月測定		1991年4月測定		1996年5月測定			2000年12月測定	
林齢81年生		林齢86年生		林齢91年生			96年生	
No.	H	No.	H	No.	DBH	H	H	備考
5	32.3	5	33.5	5	46.2	34.60	35.74	
8	48.8	8	45.5	8	93.0	45.00	46.44	
14	40.8	14	43.9	14	76.0	42.50	42.19	
26	30.7	26	35.0	26	54.1	31.80	29.96	+2.5
35	33.9	35	40.0	35	55.5	34.80	34.82	+2.0
37	30.8	37	31.5	37	47.0	30.70	29.47	+2.0
47	32.5	47	35.7	47	70.5	35.50	37.46	+2.0
97	34.6	97	34.5	97	57.7	36.10	36.61	+2.0
118	40.8	118	38.4	118	72.5	43.30	44.82	+2.0
130	34.0	130	35.3	130	62.0	35.90		
134	38.2	134	39.1	134	66.0	38.40	37.67	+2.0
167	33.0	167	33.4	167	51.8	34.50	34.39	+2.0
174	31.6	174	34.0	174	36.3	33.40	32.73	+2.0
193	36.0	193	36.3	193	44.3	40.00	43.04	
228	40.1	228	42.6	228	74.0	42.50	41.92	+2.0
237	37.7	237	40.6	237	71.8	40.90	39.24	+2.0
251	40.5	251	44.5	251	64.8	43.10	42.46	+2.0
266	37.6	266	39.7	266	66.4	39.60	41.30	
287	35.9	287	36.6	287	62.5	37.30	35.49	+2.0
297	39.0	297	38.6	297	78.2	40.10	41.25	+2.0
322	37.6	322	37.8	322	61.7	35.80	37.87	+2.0
331	36.2	331	37.9	331	47.0	38.00	36.32	+2.0

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No.	H	No.	H	No.	DBH	H	H	備考
341	31.8	341	30.3	341	40.0	33.80	32.00	+2.0
355	31.7	355	28.9	355	38.0	33.40	35.21	+2.0
359	29.7	359	32.3	359	49.0	31.50	32.39	+2.0
367	35.1	367	32.8	367	65.7	38.40	37.67	+2.0
375	37.1	375	36.3	375	61.0	37.10	35.18	+2.0
381	32.7	381	35.0	381	63.2	35.50	36.38	+2.0
390	34.0	390	37.2	390	57.5	36.20	35.87	+2.0
418	31.9	418	33.1	418	51.6	35.10	35.21	+2.0
419	30.8	419	31.9				34.70	+2.0
449	33.8	449	34.7				36.35	+2.0