

Supplement No. 1 to Forest Management Tables Booklet No. 16

Normal Yield Tables for Sitka Spruce, Yield Classes 80 and 60 and Norway Spruce Yield Class 80

Since Booklet No. 16, entitled Forest Management Tables (H.M.S.O. 30s.), was published in 1966, three further Normal Yield Tables have been computed. These cover the lower Yield Classes of Sitka and Norway spruce, and as both species are important in Britain it has been decided to issue these tables now, rather than await a revision of the main Booklet.

Two versions of the three tables will be found within. One version is printed, complete with headings, on the inside covers. The other version, without headings, is designed for pasting into Booklet 16 on the pages shown, where space is available.

General Yield Class curves for the classes concerned are already included in Booklet 16 on pages 29 and 30. The Booklet should be consulted for full information on the application of the Yield Class system.

FORESTRY COMMISSION, MARCH 1967

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ONE SHILLING NET



Sitka Spruce

NORMAL YIELD TABLE: YIELD CLASS 80

Age	MAIN CROP After Thinning						Yield From THINNINGS						TOTAL Production			INCREMENT		Age
	Number of Trees	Top Height feet	Mean BHQG ins.	Basal Area sq. ft. q. g.	Volume (h. ft.) to top diameter o.b. of			Number of Trees	Mean BHQG ins.	Av. Vol. per Tree h. ft.	Volume (h. ft.) to top diameter o.b. of			Basal Area sq. ft. q. g.	Volume to 3 inches h ft.	C.A.I. Basal area to 3 inches	M.A.I. Volume to 3 inches	
					3 inches	7 inches	9 inches				3 inches	7 inches	9 inches					
					3 inches	7 inches	9 inches				3 inches	7 inches	9 inches					
25	1300	22½	3	80	640		207	4	1.30		270	5	80	640	5.7	86	26	
30	1093	28½	3½	86	850		201	4	1.39		280	10	108	120	5.5	108	37	
35	892	34½	4	90	1160	20	160	4	1.74		280	10	134	1710	5.1	125	49	
40	732	40	4½	95	1530	80							156	2360	4.4	132	59	
45	609	45½	4½	99	1915	230	123	4½	2.26	280	15	15	178	3025	3.7	131	67	
50	517	50	5½	102	2275	490	92	5½	3.02	285	25	25	195	3645	3.6	122	73	
55	449	54	5½	105	2590	860	68	5½	3.86	285	35	35	210	4245	2.6	109	77	
60	402	57½	6½	108	2870	1250	47	5½	4.81	230	45	45	222	4755	2.2	94	79	
65	366	60½	6½	111	3110	1605	35	5½	5.65	200	50	50	232	5195	1.8	82	80	
70	339	63	7	113	3315	1930	27	5½	6.70	195	55	55	240	5585	1.5	71	80	
75	318	65½	7½	115	3470	2200	21	6	8.02	170	60	60	247	5910	1.3	63	79	
80	300	67½	7½	116	3600	2440	18	6½	8.89	165	65	65	255	6205	1.1	55	78	

YIELD CLASS 60

30	1300	23½	3	83	695		208	4	1.01		210	5	83	695	4.9	76	23
35	1092	29½	3½	86	905		161	4	1.31		210	5	108	1115	4.8	91	32
40	931	33½	4	91	1185	15							130	1605	4.2	102	40
45	803	38	4	96	1500	55	128	4½	1.63	210	10	10	150	2130	3.6	104	47
50	698	42½	4½	100	1805	140	105	4½	1.99	210	10	10	166	2645	3.0	99	53
55	610	46	5	102	2070	270	88	4½	2.37	210	15	15	180	3120	2.5	89	57
60	546	49	5½	105	2290	430	64	4½	2.97	195	15	15	192	3535	2.1	77	59
65	500	51½	5½	107	2470	630	46	4½	3.77	175	20	20	201	3890	1.7	66	60
70	465	54	5½	109	2615	820	36	5	4.42	160	20	20	209	4195	1.4	58	70
75	435	56	6	110	2735	1020	28	5	5.10	150	25	25	215	4465	1.2	51	60
80	411	57½	6½	111	2830	1205	24	5½	5.82	145	25	25	221	4705	1.1	45	59

Norway Spruce

NORMAL YIELD TABLE: YIELD CLASS 80

Age	MAIN CROP After Thinning					Yield From THINNINGS					TOTAL Production			INCREMENT			Age			
	Number of Trees	Top Height feet	Mean BHQG ins.	Basal Area sq. ft. q. g.	Volume (h. ft.) to top diameter o.b. of			Number of Trees	Mean BHQG ins.	Av. Vol. per Tree h. ft.	Volume (h. ft.) to top diameter o.b. of			Basal Area sq. ft. q. g.	Volume to 3 inches h. ft.	C.A.I.		M.A.I.		
					3 inches	7 inches	9 inches				3 inches	7 inches	9 inches			Basal area			Volume to 3 inches	
25	1500	23	2½	62	405															25
30	1371	28½	2½	79	705		129	3½	1.08		140				62	5.7	76	16		30
35	1124	34	3½	83	955		237	3½	1.18		280				90	5.3	98	28		35
40	924	39	3½	88	1265	15	210	3½	1.33		280				115	4.9	113	39		40
45	761	43½	4½	93	1595	65	163	3½	1.71		280	5			160	4.1	122	57		45
50	635	47½	4½	98	1925	190	126	4	2.21		280	10			180	3.7	120	64		50
55	526	51½	5½	102	2240	420	99	4½	2.81		280	20			198	3.4	116	69		55
60	458	55	5½	106	2530	765	78	4½	3.56		280	35			214	3.1	112	73		60
65	397	58	6½	109	2800	1195	61	5½	4.54		280	50	5		228	2.8	107	75		65
70	354	61	6½	112	3085	1680	43	5½	5.52		235	65			241	2.5	101	77		70
75	322	63½	7½	116	3365	2135	32	6	6.68		210	80	15		253	2.3	95	79		75
80	297	66	7½	120	3625	2565	25	6½	8.05		200	95	25		264	2.1	89	80		80
85	276	68	8	123	3865	2930	21	6½	9.39		190	105	35		274	1.9	83	80		85
90	259	70	8½	126	4075	3260	17	7½	10.8		190	120	45		283	1.7	77	80		90

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