

POLE CLASSIFICATION TABLES

Pole Classification for standing trees. American National Standard Dimensions for Southern Pine Poles

Maximum Sizes Permitted				
Length of Pole	Diameter of Any Single Knot (in.)		Sum of Diameters of All Knots Greater than 0.5" in any 1-foot section (in.)	
	Classes	Classes	Classes	Classes
	H6 to 3	4 to 10	H6 to H1	1 to 10
45 ft and shorter				
lower half of length	3	2	8*	8*
upper half of length	5	4		
50 ft and longer				
lower half of length	4	4	1/3 of the circum in any 1-ft section or 14", whichever is less*	10*
upper half of length	6	6		

Classes H6 to H1 are not included in the guidelines below; they are appropriate for pilings rather than poles and are more applicable to Douglas-fir.

* Both upper and lower halves

Class	1	2	3	4	5	6	7	9	10
Min. circumference at top (in.)	27	25	23	21	19	17	15	15	12
Min Top DIA (in)	8.6	8	7.3	6.7	6	5.4	4.8		
Length of Pole	Minimum diameter (outside bark) at breast height								
20	11.2	10.5	9.8	9.0	8.3	7.6	7.1		
25	12.1	11.4	10.7	9.9	9.2	8.3	7.8		
30	13.2	12.3	11.6	10.7	9.9	9.0	8.5		
35	14.1	13.2	12.3	11.4	10.5	9.8	9.0		
40	14.8	13.9	13.0	12.1	11.2	10.3	9.6		
45	15.6	14.6	13.6	12.7	11.8	10.9	10.1		
50	16.3	15.2	14.1	13.2	12.3	11.4	10.5		
55	16.8	15.7	14.6	13.7	12.7	11.8			
60	17.4	16.3	15.2	14.1	13.0	12.1			
65	17.9	16.6	15.6	14.6	13.6				
70	18.4	17.4	16.3	15.0	13.9				
75	19.0	17.7	16.6	15.6					
80	19.5	18.3	17.0	15.9					
85	19.9	18.6	17.4						
90	20.3	19.2	17.7						
95	20.6	19.5	18.1						

Adapted from: Quicke, H.E. and R.S. Meldahl. 1992. Predicting Pole Classes for Longleaf Pine Based on DBH. Southern Journal of Applied Forestry (16):79-82 (Based on Hawes, E.T. 1947. A method of determining southern pine pole classes from d.b.h. J.For. 45:204-205)

Stumpage Prices: Southern Yellow Pine Poles (\$/pole)

Length of Pole	Pole Class					
	1	2	3	4	5	6
30	48	40	33	27	21	17
35	60	51	44	35	29	25
40	79	67	58	50	38	33
45	94	81	69	56	46	38
50	108	92	101	65	54	
55	129	113	103	73		
60	148	125	108			
65	345	300	225			
70	410	350	295			
75	475	425	375			
80	550	475	425			
85	675	610	475			
90	800	725	590			
95	875	825	700			