

Maximum Allowable Wind Force at Mid-height, F_a (lbs) & Maximum Axial Force, P_a (lbs)											
Post	Weight		Fence Height, h (ft)								
Size	D_p (plf)		3	4	5	6	7	8	9	10	11
#2 Southern Pine - Pressure Treated											
4 x 4	6.2	F_a	699	524	419	349	299	-	-	-	-
		P_a	7,640	4,948	3,332	2,369	1,763	-	-	-	-
6 x 4	9.8	F_a	1,439	1,053	823	670	561	479	416	366	325
		P_a	16,797	14,108	10,978	8,349	6,425	5,050	4,057	3,322	2,767
6 x 6	15.3	F_a	2,465	1,849	1,479	1,232	1,056	924	822	739	672
		P_a	26,395	22,169	17,251	13,120	10,096	7,936	6,375	5,221	4,348
#2 Western Red Cedar											
4 x 4	2.0	F_a	445	333	267	222	191	-	-	-	-
		P_a	4,959	3,419	2,356	1,692	1,266	-	-	-	-
6 x 4	3.5	F_a	1,010	740	579	472	395	338	294	258	230
		P_a	10,111	8,915	7,320	5,764	4,517	3,587	2,898	2,382	1,989
6 x 6	4.8	F_a	1,725	1,294	1,035	863	739	647	575	518	471
		P_a	15,889	14,009	11,503	9,057	7,099	5,636	4,554	3,743	3,126
Post	D_p (plf)		3	4	5	6	7	8	9	10	11
Size	Weight		Fence Height, h (ft)								

6 x 4 posts must be oriented with the strong direction perpendicular to the fencing