

BUNK SILO SIZING CHART

The following table lists the approximate wet tons capacity for a number of common sized silos.

The table takes into account 1:2 sloping front face. Widths given are inside to inside and do not include space taken up by posts and planking.

When using these tables, calculate the daily feed removal to ensure enough feed is removed to prevent spoilage. For capacity in Tonnes, multiply values by 0.91

Bunk Silo Capacity (100ft - 160 ft silo length)												
Average Silage Density (lbs/cu ft)	Silo Height (ft)	Silo Width (ft)	Removal Rate (Ton/day)			Silo Capacity (ton)						
			4"/day	6"/day	12"/day	Silo Length (ft)						
						100	110	120	130	140	150	160
45	10	20	1.5	2.3	4.5	450	495	540	585	630	675	720
45	10	24	1.8	2.7	5.4	540	594	648	702	756	810	864
45	10	30	2.3	3.4	6.8	675	743	810	878	945	1013	1080

Bunk Silo Capacity (170ft - 230ft silo length)												
Average Silage Density (lbs/cu ft)	Silo Height (ft)	Silo Width (ft)	Removal Rate (Ton/day)			Silo Capacity (ton)						
			4"/day	6"/day	12"/day	Silo Length (ft)						
						170	180	190	200	210	220	230
45	10	20	1.5	2.3	4.5	765	810	855	900	945	990	1035
45	10	24	1.8	2.7	5.4	918	972	1026	1080	1134	1188	1242
45	10	30	2.3	3.4	6.8	1148	1215	1283	1350	1418	1485	1553
45	10	40	3	4.5	9	1530	1620	1710	1800	1890	1980	2070
45	10	50	3.8	5.6	11.3	1913	2025	2138	2250	2363	2475	2588
45	10	60	4.5	6.8	13.5	2295	2430	2565	2700	2835	2970	3105

Bunk Silo Capacity (240ft - 300ft silo length)												
Average Silage Density (lbs/cu ft)	Silo Height (ft)	Silo Width (ft)	Removal Rate (Ton/day)			Silo Capacity (ton)						
			4"/day	6"/day	12"/day	Silo Length (ft)						
						240	250	260	270	280	290	300
45	10	20	1.5	2.3	4.5	1080	1125	1170	1215	1260	1305	1350
45	10	24	1.8	2.7	5.4	1296	1350	1404	1458	1512	1566	1620
45	10	30	2.3	3.4	6.8	1620	1688	1755	1823	1890	1958	2025
45	10	40	3	4.5	9	2160	2250	2340	2430	2520	2610	3700
45	10	50	3.8	5.6	11.3	2700	2813	2925	3038	3150	3263	3375
45	10	60	4.5	6.8	13.5	3240	3375	3510	3645	3780	3915	4050