

ADDENDUM 7

STORAGE CAPACITY

BUILDING SIZE	Cu. Ft. /Ft.	Bush /Ft.	Maximum Depth Allowed On Arch	Corn (tons/ft.)	Oats (tons/ft.)	Barley (tons/ft.)	Rice (tons/ft.)	Rye (ton/ft.)	Wheat (tons/ft.)	Soybean (tons/ft.)
40-15	350	280	9 FT.	8.05	5.25	7.0	6.3	7.875	8.4	8.4
42-17	445	355	9 FT.	10.21	6.65	8.87	7.99	9.98	10.65	10.65
47-18	506	405	9 FT.	11.65	7.59	10.12	9.11	11.39	12.15	12.15
51-17	507	406	9 FT.	14.57	9.50	12.68	11.40	14.25	12.18	12.18
55-19	530	424	7 FT.	9.48	6.18	8.24	7.42	9.28	9.89	9.89
60-20	720	576	10 FT.	16.56	10.80	14.4	12.96	16.2	17.28	17.28
70-24	1009	807	10 FT.	23.2	15.13	20.2	18.16	22.70	24.21	24.21

* Depth of grain on arch is critical and must not be exceeded.
We suggest you paint a line at this level for safety purposes.

GRAIN TYPE	Lbs./ cu. Ft.	Lbs./ bushel
BARLEY	40	50
CORN	46	57.5
OATS	30	37.5
ALFALFA	41	51.25
RICE	36	45
RYE	45	56.25
WHEAT	48	60
SOYBEAN	48	60

USEFUL INFORMATION

- a) 1 BUSHEL = 1.25 CU. FEET
- b) 1 TON = 2000 LBS.
- c) TO CALCULATE HOW MANY BUSHELS IN A TON:
 DIVIDE 2000 LBS. = BUSHELS
 LBS./BUSHEL
- d) ALWAYS INCREASE LENGTH OF BUILDING REQUIRED BY 10 FEET TO ALLOW FOR DOORS AND EXCESS GRAIN ETC.
- e) ALL FIGURES ARE BASED ON FILLING FROM VENTS IN PEAK OF BUILDING.
- f) ALL FIGURES ARE APPROXIMATIONS FOR ESTIMATION PURPOSES ONLY.