Estimated Storage Capacities For Common Size Bins

Bin Diameter in feet	Total depth of corn to be stored - in feet			
	11	**12**	**16**	**19**
18	2245	2450	3265	3880
21	3055	3335	4445	5280
24	3990	4355	5805	6895
27	5050	5510	7350	8725
36	8980	9795	13065	15515
40	11090	12095	16130	19150

Two simple rules for finding the capacity of round bins, in bushels:

1. Where the dimensions measure exactly in feet; multiply the diameter by the diameter, multiply by the depth, multiply by 0.63.
2. Where the dimensions measure in inches; multiply the diameter by the diameter, multiply by the depth, multiply by .000365.

To find the quantity of grain when heaped on the floor in the form of a cone:

diameter x diameter x depth x 0.21

Example: A cone 18 feet in diameter and 6 feet in depth... 18 x 18 x 6 x 0.21 = 408 bushel

To find the quantity of grain when heaped against a straight wall:

(diameter x diameter x depth x 0.21) / 2