

## CORN CRIBS

**OCCUPANCY DESCRIPTION:** Dry storage of corn on the cob.

For frame cribs, see Page 253.

Cylindrical wire mesh corn cribs with concrete base, steel frame and conical steel roof . . . \$1.65 – \$2.85 per bushel of capacity.

**BASE STRUCTURE:** Cost each



DIAMETER	HEIGHT	CAPACITY, Bushels	COST RANGE	DIAMETER	HEIGHT	CAPACITY, Bushels	COST RANGE
12'	16'	575	\$1,025 – \$1,650	16'	18'	1,100	\$1,825 – \$2,950
	21'	875	1,275 – 2,075		23'	1,500	2,750 – 4,425
					28'	1,950	3,200 – 5,150

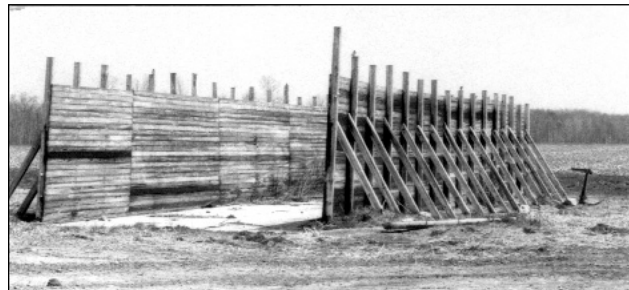
**NO FLOOR:** Deduct from cost

DIAMETER	COST
12'	\$235
21'	420

## HORIZONTAL SILOS



**BUNKER SILOS**



**BUNKER SILOS**

**OCCUPANCY DESCRIPTIONS:** A bunker silo is used primarily for corn or grass silage. Treated plank side walls or tilt-up concrete panels with open ends. Usually above ground with concrete floor on grade.

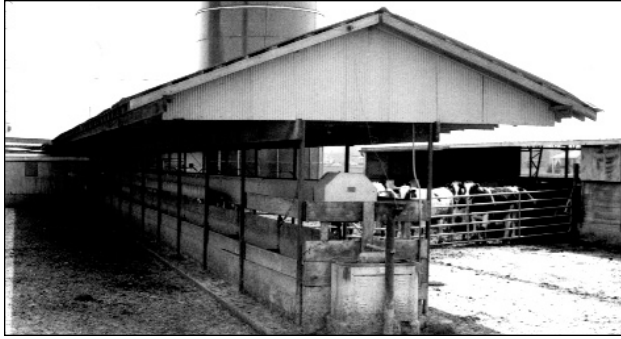
A trench silo is used primarily for corn or grass silage. Usually below ground with concrete or treated plank floor and side walls.

COST PER LINEAR FOOT OF LENGTH	WIDTH, Feet						
	20	30	40	50	60	80	100
<b>BUNKER SILOS (Above ground)</b>							
Tilt-up concrete panels and precast wall supports . . . . .	\$265	\$299	\$325	\$346	\$366	\$398	\$426
Poles and braces, tilt-up concrete panels, concrete floor . . .	187	214	236	253	269	316	320
Cantilevered poles, plywood or T&G walls, concrete floor . .	160	188	211	230	248	278	304
<b>TRENCH SILOS (Below ground)</b>							
Concrete wall panels and floor, sealed . . . . .	\$252	\$305	\$351	\$389	\$424	\$486	\$540
Plywood or T & G walls, concrete floor . . . . .	185	235	278	318	354	420	479
Dirt trench, plastic lined, no flooring . . . . .	49	72	92	113	134	174	214

Add or deduct 8% for each foot of deviation from the 12' base height. For concrete tilt-up panels on bunker silos 16' and over, add 10% for each foot of deviation from 12' base height. For asphalt floor, deduct \$ .65 per square foot. For roof cover, add \$2.00 to \$3.00 per square foot. For end walls, add per linear foot: 8' high, \$59; 10' high, \$119; 16' high, \$140.

## FEED LOTS

### BUNK FEEDERS



**CATTLE FEED BUNK**

**OCCUPANCY DESCRIPTION:** Two-sided feeders used in cattle lots, for beef or dairy cattle. Concrete construction with plank sides or post and plank construction.

BASE STRUCTURE	COST/LIN. FT.
Concrete .....	\$35.25 – \$43.50
Plank .....	18.75 – 23.00
Steel .....	27.50 – 34.00
Wood .....	17.00 – 22.75



**CATTLE FENCE BUNK**

**OCCUPANCY DESCRIPTION:** One-sided feeder used in cattle lots, for beef or dairy cattle. Concrete or post and plank construction.

BASE STRUCTURE	COST/LIN. FT.
Concrete .....	\$25.50 – \$30.25
Plank .....	15.50 – 19.25
Steel .....	18.75 – 24.00
Wood .....	10.00 – 14.75

ADJUSTMENTS	COST/LIN. FT.
Roof 10' wide, wood .....	\$30.00 – \$36.50
metal .....	36.50 – 41.75
10' concrete apron .....	12.10 – 14.10
Mechanical feeder, automatic control .....	82.00 – 103.00
manual control .....	59.00 – 71.00

For stock fencing, see Page 235.

STOCK WATERER – Cost each	YARD PAVING – Cost per square foot
Used in cattle and hog feed lots	Concrete, plain, 4" thick .....
Underground piping, wiring, automatic controls	6" .....
Cattle .....	mesh reinforced, 4" .....
\$400 – \$525	6" .....
Hogs or sheep .....	Asphalt paving, 2" thick .....
260 – 290	Crushed rock, 3" thick .....
Combination cattle and hogs .....	.35 – .45
550 – 700	

## SILOS

**GLASS-LINED STEEL:** Complete with ladder, dome roof. Mechanical unloading equipment not included.

SIZE	COST	SIZE	COST
DIAMETER (ft.) x HEIGHT (ft.)		DIAMETER (ft.) x HEIGHT (ft.)	
14 x 32 (E)	\$26,800	20 x 70 (E)	\$ 64,000
14 x 40	31,500	20 x 80	71,000
17 x 30 (E)	34,000	20 x 90	79,000
17 x 40 (E)	38,000	25 x 70 (E)	97,000
20 x 28 (E)	37,000	25 x 80 (E)	108,000
20 x 33 (E)	41,000	25 x 90	118,000
20 x 41 (E)	45,000	31 x 70 (E)	138,000
20 x 50 (E)	50,000	31 x 80 (E)	151,000
20 x 60	56,000	31 x 90	167,000
20 x 60 (E)	58,500		

(E) notation indicates silo height can be extended due to heavier-gauge steel walls.

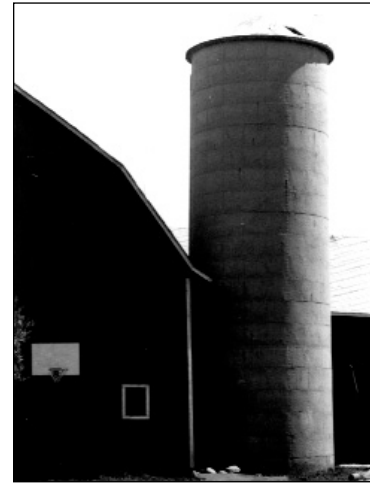
## SILOS

**OCCUPANCY DESCRIPTION:** Used to store corn or grass silage, haylage, high-moisture grain and other fermented feed.

**NOT INCLUDED IN COSTS:**  
Mechanical unloading equipment.



**CONCRETE STAVE**



**REINFORCED CONCRETE  
CAST-IN-PLACE**

**CONCRETE STAVE:** Complete with ladder, chute and dome roof.

DIAMETER (Feet)	HEIGHT (Feet)								
	30	35	40	45	50	60	70	80	90
12	\$ 8,725	\$ 10,225	\$11,650	\$13,375	\$14,550	\$17,475	----	----	----
14	10,050	11,750	13,400	15,225	16,750	20,100	\$23,450	----	----
16	10,425	12,000	13,900	15,675	17,350	20,825	24,300	\$27,775	----
18	11,250	13,150	15,000	16,900	18,750	22,500	26,275	30,025	\$33,775
20	12,600	14,400	16,800	18,825	21,000	25,200	29,400	33,600	37,800
22	14,625	16,725	19,500	21,850	24,350	29,225	34,100	38,975	43,850
24	16,075	18,400	21,725	24,900	28,000	33,600	39,200	44,800	50,400
26	----	20,325	23,975	27,725	31,400	38,050	44,975	51,275	58,100
28	----	----	26,750	31,125	35,375	43,025	51,275	59,100	66,875
30	----	----	----	34,800	39,600	45,700	53,300	60,925	68,550

**REINFORCED CONCRETE, CAST-IN-PLACE:** Complete with ladder, chute and dome roof.

DIAMETER (Feet)	HEIGHT (Feet)								
	30	35	40	45	50	60	70	80	90
12	\$13,950	\$16,350	\$18,650	\$21,400	\$23,275	\$27,950	----	----	----
14	16,075	18,800	21,450	24,350	26,800	32,150	\$37,525	----	----
16	16,675	19,200	22,250	25,075	27,750	33,325	38,875	\$44,050	----
18	18,000	21,050	24,000	27,050	30,000	36,000	42,050	48,050	\$ 54,050
20	20,150	23,050	26,875	30,125	33,600	40,325	47,050	53,750	60,475
22	23,400	26,750	31,200	34,950	38,950	46,750	54,550	62,350	70,150
24	25,725	29,450	34,750	39,850	44,800	53,750	62,725	71,675	80,650
26	----	32,525	38,350	44,350	50,250	60,875	71,950	82,050	92,950
28	----	----	42,800	49,800	56,600	68,850	82,050	94,550	107,000
30	----	----	----	55,675	63,350	73,125	85,275	97,475	109,675

### ADJUSTMENTS

For no chute, deduct \$13.25 to \$16.00 per vertical linear foot.

For flat roof, deduct \$4.25 per square foot of area.

For no roof, deduct \$7.75 per square foot of area.