



## Beef Cattle Facility Dimensions

	Backgrounding To ~600#	Finishing ~600# to Market	Cow-Calf
<b>Space required, sq ft</b>			
Dirt lots, no mounds	300-500	400-600	400-800
Dirt lots, with mounds	150-300	250-400	300-600
Concrete yards	40-50	50-60	60-70/cow, 100/pair
<b>Mounds</b>			
	.75 linear foot per head	1 linear foot per head	1.5 linear feet per pair
	<ul style="list-style-type: none"> <li>• Minimum of 50 feet wide at base, 6 feet tall at center</li> <li>• Side slope of 1:4, little to no slope the length of the mound</li> <li>• Run the mound parallel to the slope in the lot</li> <li>• Tie the mound into the apron</li> </ul>		
<b>Buildings, sq ft</b>			
Open front or Shade	15-20	20-25	25-30/cow, 30-40/pair
Confinement, bedded	20-25	40-45	70/cow, 100/pair
Confinement, slats	22-25		
<b>Bunks</b>			
Bunk space, in/hd	12-18	8-12	24-30
Throat Height	18	22	22
Max width, U bunks	36	48	48
Bunk Step	Minimum of 6" high and 16" wide		
<b>Lot Slope</b>			
	<ul style="list-style-type: none"> <li>• Dirt lot, 1/24</li> <li>• Concrete 1/12 – 1/24</li> </ul>		
<b>Aprons for Bunks and Waterers</b>			
	<ul style="list-style-type: none"> <li>• 5-6" of reinforced concrete. 16-20 feet wide.</li> <li>• 8-10 feet closest to bunks with 1/12 slope to self-clean,</li> <li>• next 8-10 feet nearly flat to retain solids and drain liquids.</li> </ul>		
<b>Water Space</b>			
	<ul style="list-style-type: none"> <li>• 1 space = 1 cup or hole, or 18" of trough space</li> <li>• Feedlot – maximum of 20-25 hd/water space or, 1 cubic foot per 25 head</li> <li>• Cows – maximum of 15 hd/water space</li> </ul>		
<b>Windbreaks</b>			
	<ul style="list-style-type: none"> <li>• 8-10 feet high</li> <li>• 80% solid, 20% open</li> </ul>		

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