CROWDING GATE & POST

COW CAPACITY AT VARIOUS RADII
12 - 15 SQ. FT. PER COW

<table>
<thead>
<tr>
<th>AREA</th>
<th>COWS</th>
</tr>
</thead>
<tbody>
<tr>
<td>15'</td>
<td>707</td>
</tr>
<tr>
<td>17'</td>
<td>910</td>
</tr>
<tr>
<td>20'</td>
<td>1200</td>
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</tbody>
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CAPACITY: 12 - 15 SQUARE FEET PER HEAD (SEE TABLE)

WEIGHT SUPPORT DETAIL

NOTES FOR BUILDING PEN ON A SLOPE

1. THE DOTTED OFF-CENTER WHEEL AND ARROW ARE FOR USE ONLY WHEN THE PEN MUST BE SLOPED TO FIT THE CURVE OF THE BUILDING SITE.
2. THE LARGE DIA. WHEEL, WELDED OFF-CENTER, GIVES THE GREATER CLOSING POWER NECESSARY ON A SLOPE.
3. DISCARDED IMPLEMENT WHEELS HAVE BEEN USED SUCCESSFULLY FOR THE OFF-CENTER WHEEL.
4. THE WEIGHT NECESSARY TO CLOSE THE GATE WILL VARY WITH THE SLOPE OF THE PEN.
5. THIS ARRANGEMENT HAS BEEN USED SUCCESSFULLY WITH SLOPES OF 10%.
Disclaimer

This site makes available conceptual plans that can be helpful in developing building layouts and selecting equipment for various agricultural applications. These plans may be outdated and do not necessarily represent the most current technology, construction codes, or agricultural practices. They are not construction plans and do not replace the need for competent design assistance in developing safe, legal and well-functioning agricultural building system. The University of Arkansas Cooperative Extension Service, the United States Department of Agriculture and none of the cooperating land-grant universities warranty these plans.