

Facilities

Fencing, Structures and Water Sources

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Building your own 'ideal' facility

- ▶ PLAN!!!
- ▶ Think 'long term'
- ▶ Safety for your horses
- ▶ Efficiency and Affordability
- ▶ Aesthetics



Paddocks/Turnout/Pastures

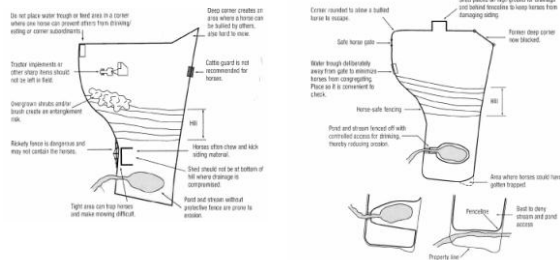
- ▶ Is it necessary?
- ▶ Acreage
 - 3-4 acres/head recommended in non-arid regions
 - 1 acre minimum (Arapahoe County)
 - Less acreage is more labor intensive

Paddock Layout Recommendations

- ▶ 10 ft. wide pathway
- ▶ Paddock gates
- ▶ Rounded corners
- ▶ Water source
- ▶ Shelters
- ▶ Fencing



Paddock Layout



Images courtesy of Penn State University

Fencing Options

- ▶ Material
- ▶ Know your horse's behavior
- ▶ Fence height
- ▶ Pasture management

Fences

- ▶ Post and pole



www.hearthandhomepostpole.com



www.fivestarsash.com

Fences

- ▶ Post and board



www.startupdefence.net



www.horsechannel.com

Fences- Wood



www.deterrententerprises.com

Fences

- ▶ Post and Wire
 - Electric/High Tensile Wire
 - Coated Wire
 - Mesh
 - Barbed (AVOID with horses)



www.vobelfence.com



www.houssage.com

Fences

- ▶ Post and Wire



www.horsegroomingsupplies.com



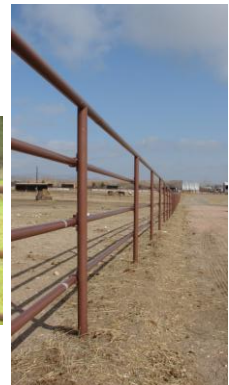
www.barbed-wire-fence.com

Fences

- ▶ Pipe

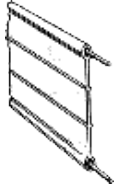


www.mapolla-texas.ok.com



Fences

- ▶ Composite, Vinyl and Polymer



www.fencefencing.com

Housing

- ▶ Fit the function
- ▶ Know your environment
- ▶ Types
 - Shelters/Sheds
 - Barns



Housing

- ▶ Shelters/Sheds
 - Location
 - 100–144 sq feet/horse
 - Height



www.msueextension.org

Housing

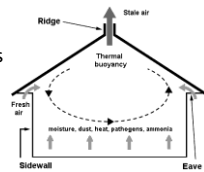
- ▶ Barns
 - Ventilation
 - Lighting
 - Stall Design
 - Feed Storage



www.stockselectusa.com

Barns

- ▶ Why is ventilation needed?
 - Remove heat
 - Remove moisture, odor and ammonia
 - Provide fresh air
- ▶ How to improve ventilation in a barn
 - Open grid work on stalls
 - Ceiling open to roof peak
 - Permanent opening is stall eaves



www.omafra.gov.on.ca

Barns

- ▶ Lighting
 - Natural vs. Artificial
 - Height
 - Fluorescent vs. Incandescent



Barns

- ▶ Stall Design
 - Minimum size requirements
 - 10'x10' to 12'x 12'
 - Walls
 - Door Fronts
 - Sliding or hinged
 - Minimum width 4'
 - Minimum height 8'
 - Windows or Runs
 - Flooring



Barns

- ▶ Feed Storage
 - Hay
 - Grains and supplements



www.bandedfeed.com

Waterers

- ▶ Automatic vs. Buckets



Resources

- ▶ Horse Facilities Handbook
 - Wheeler, Koeing, Harmon, Murphy and Freeman
- ▶ Stable Management
 - www.stable-management.com
- ▶ Penn State Cooperative Extension
 - www.cas.psu.edu
- ▶ Trinette Ross
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