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## Resource Section

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Time is the great equalizer of us all. We have a limited amount each day to make the most of. While on your land, time should be spent on activities that will increase the land’s yield, or simply enjoying the rural lifestyle you have worked hard to create. There is nothing worse than having to spend time and money repairing a sagging fence, or rounding up livestock because your fence failed to contain them. It is important to do things right the first time, and with Pasture Management Systems fence products, you can rest easy knowing that a commitment to excellence is at the core of everything we offer. We are committed to being the industry standard for quality, knowledge, and support.

Who is Pasture Management Systems?
Pasture Management Systems is an integrated agricultural fence company that specializes in maximizing the efficiency of your farm, ranch, or land. Our total package of fence building materials includes wire, fencing accessories and tools, wood posts, gates, and temporary electric fencing that will contain your animals and keep predators and wildlife out.

Company Leadership
Pasture Management Systems is a privately-owned company and was founded in 1991. Three partners own 100% of the stock and all three owners are heavily involved in the day-to-day operations of the company. Our dedicated team is always available to support you with product or installation questions. The majority of our teammates have agricultural backgrounds as well as experience building fence.

Where to Find Us
Pasture Management Systems products are sold through authorized retailers. Find a dealer near you at www.pasturemgmt.com.
High Tensile Wire Explained

The most effective fence you can build is one made from high tensile steel. High tensile wire refers to the carbon content in the steel used to make the wire. The higher the carbon content, the stronger the wire. High tensile wire will not stretch and elongate like low carbon fence does over time. It is the strongest and most durable wire available today.

Coatings Explained

The coating specifications of the wire you choose to build your fence with is a very important detail. Even the strongest high tensile wire cannot withstand natural elements that cause unwanted rusting. To protect the wire, a zinc coating is applied during the wire galvanization process.

There are three classifications of zinc coating applied to agricultural wire in the United States:
- Commercial: No specifications for minimum zinc coating required
- Class 1: 0.28 oz per square foot of the surface area of 12.5 gauge wire
- Class 3: 0.80 oz per square foot of the surface area of 12.5 gauge wire

Class 3 galvanized wire is the industry standard for durability because it has a higher concentration of zinc than Class 1, regardless of the wire diameter. The higher the concentration of zinc coating, the longer the fence will last.

All wire made for Pasture Management Systems’ brand is coated Class 3 and is certified to meet the ASTM: A116 requirements.

Fixed Knot Wire
Pasture Management Systems’ strongest agricultural fence. The horizontal and vertical wires are bound by the fixed knot, which keeps the stay wire from slipping. It is engineered to resist sagging and stretching from animal impact, making it the best choice for fencing large animals in or out.

Hinge Joint Wire
The Hinge Joint knot is a traditional twist knot used to create a woven wire with the horizontal and vertical wires. It provides a stronger barrier than barbed wire, but lacks the rugged strength of Fixed Knot Wire.

Barbed Wire
Two strands of wire reverse twisted with four pointed barbs every 5 inches. In addition to building a barbed wire fence, use as a top line and/or offset wire to your woven wire fence to deter animals from leaning on your fence.
FENCE WIRE DESIGN

Why build a Fixed Knot Fence?

A perimeter fence made with Pasture Management Systems Fixed Knot Wire is the most durable and cost-effective fence that can be built today. Fixed Knot Wire is made with high tensile class 3 galvanized steel. A barbed wire or hinge joint fence will begin to sag over time because they do not have the same yield strength as fixed knot wire. A fixed knot fence will withstand wind, snow, ice, temperature swings, and the largest animals, therefore requiring less maintenance. Fixed knot fences also require fewer line posts. While the cost of a roll of fixed knot may be slightly higher than hinge joint, the total cost of the fence is less when you build a fixed knot fence because you do not need as many line posts. Jobs are finished faster and with less expense, saving you time and money.

Pasture Management Systems recommends inspecting your fence occasionally to prevent any possible issues. Always remove any fallen limbs or branches off of your fence.

Understanding Fence Descriptions

Example: 9-49-6 330' 12.5ga C3

9: Number of horizontal wires
49: Height of the fence (inches)
6: Vertical wire spacing (inches)
330': length of the fence
12.5ga: diameter of the wire
C3: Class 3 galvanization

Did You Know?

Our fixed knot wire is best stretched and hung to wood posts driven every 20 to 25 feet apart. Our other wires require posts every 10 to 15 feet. The ability to space posts out further makes a fixed knot wire fence a less expensive project than a hinge joint or barbed wire fence because fewer wood posts are required.
### Fixed Knot Fence

All Fixed Knot wire products are 12.5 gauge High Tensile Class 3 Galvanized Steel

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>FENCE DESIGN</th>
<th>HEIGHT</th>
<th>VERTICAL WIRE SPACING</th>
<th>ROLL LENGTH</th>
<th>ROLL WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>8337</td>
<td>9-49-6</td>
<td>49&quot;</td>
<td>6&quot;</td>
<td>330ft</td>
<td>192 lbs</td>
</tr>
<tr>
<td>8324</td>
<td>9-49-6</td>
<td>49&quot;</td>
<td>6&quot;</td>
<td>500ft</td>
<td>291 lbs</td>
</tr>
<tr>
<td>8336</td>
<td>9-49-12</td>
<td>49&quot;</td>
<td>12&quot;</td>
<td>660ft</td>
<td>269 lbs</td>
</tr>
<tr>
<td>8335</td>
<td>13-48-6</td>
<td>48&quot;</td>
<td>6&quot;</td>
<td>330ft</td>
<td>180 lbs</td>
</tr>
<tr>
<td>8326</td>
<td>13-48-12</td>
<td>48&quot;</td>
<td>12&quot;</td>
<td>330ft</td>
<td>248 lbs</td>
</tr>
<tr>
<td>8323</td>
<td>20-96-6</td>
<td>96&quot;</td>
<td>6&quot;</td>
<td>330ft</td>
<td>416 lbs</td>
</tr>
</tbody>
</table>

### Hinge Joint Fence

All Hinge-Joint wire products are Class 3 Galvanized

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>FENCE DESIGN</th>
<th>WIRE DIAMETER</th>
<th>TENSILE STRENGTH</th>
<th>ROLL LENGTH</th>
<th>ROLL WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>8332</td>
<td>10-47-6</td>
<td>12.5 ga</td>
<td>High Tensile</td>
<td>330ft</td>
<td>190 lbs</td>
</tr>
<tr>
<td>8331</td>
<td>10-47-6</td>
<td>14.5 ga</td>
<td>High Tensile</td>
<td>330ft</td>
<td>113 lbs</td>
</tr>
<tr>
<td>8325</td>
<td>10-47-6</td>
<td>13 ga</td>
<td>Medium Tensile</td>
<td>330ft</td>
<td>168 lbs</td>
</tr>
</tbody>
</table>

### Barbed Wire Fence

15.5 gauge High Tensile Class 3 Galvanized Steel

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>FENCE DESIGN</th>
<th>BARB SPACING</th>
<th>TENSILE STRENGTH</th>
<th>ROLL LENGTH</th>
<th>ROLL WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>23319</td>
<td>4 point</td>
<td>5&quot;</td>
<td>High Tensile</td>
<td>1320ft</td>
<td>43 lbs</td>
</tr>
</tbody>
</table>
What is a CCA Treated Post?

Pasture Management Systems manufactures its wood posts used for building agricultural fences by pressure treating peeled posts with a chromated copper arsenate (CCA for short) preservative. CCA is a highly effective treatment for preventing damage and rot caused by natural elements, insects, etc. Wooden fence posts may be treated at different levels, but the standard for the agricultural industry is .40 pounds of preservative per cubic foot (pcf) retention. We do not recommend using a wood post to build a permanent fence that is treated to any specification less than .40pcf.

All of Pasture Management Systems’ posts are treated to exceed .40pcf, giving our post at least a 20 years lifespan.

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CCA TREATED WOOD POSTS</th>
<th># PER BDL</th>
</tr>
</thead>
<tbody>
<tr>
<td>976-SM</td>
<td>3-3.5in x 6-1/2ft Wood Post</td>
<td>100 or 120</td>
</tr>
<tr>
<td>976-MD</td>
<td>3.5-4in x 6-1/2ft Wood Post</td>
<td>80 or 100</td>
</tr>
<tr>
<td>976-LG</td>
<td>4-5in x 6-1/2ft Wood Post</td>
<td>60</td>
</tr>
<tr>
<td>977-SM</td>
<td>4-5in x 7ft Wood Post</td>
<td>60</td>
</tr>
<tr>
<td>977-MD</td>
<td>5-6in x 7ft Wood Post</td>
<td>45</td>
</tr>
<tr>
<td>978-XS</td>
<td>3-4in x 8ft Wood Post</td>
<td>100</td>
</tr>
<tr>
<td>978-SM</td>
<td>4-5in x 8ft Wood Post</td>
<td>60</td>
</tr>
<tr>
<td>978-MD</td>
<td>5-6in x 8ft Wood Post</td>
<td>45</td>
</tr>
<tr>
<td>978-LG</td>
<td>6-7in x 8ft Wood Post</td>
<td>35</td>
</tr>
<tr>
<td>978XL-DF</td>
<td>7-8in x 8ft &quot;Double Faced&quot; Wood Post</td>
<td>30</td>
</tr>
<tr>
<td>979XL</td>
<td>6.5-8in x 9ft Wood Post</td>
<td>25</td>
</tr>
<tr>
<td>980</td>
<td>5in x 10ft Non-Tapered Wood Post</td>
<td>43</td>
</tr>
</tbody>
</table>

**Rough Cut Dimensional Products**

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CCA TREATED WOOD POSTS</th>
<th># PER BDL</th>
</tr>
</thead>
<tbody>
<tr>
<td>963</td>
<td>6in x 6in x 8ft Wood Post</td>
<td>28</td>
</tr>
<tr>
<td>966</td>
<td>5in x 5in x 7ft Wood Post</td>
<td>48</td>
</tr>
<tr>
<td>971</td>
<td>1in x 6in x 16ft Boards</td>
<td>105</td>
</tr>
</tbody>
</table>
Steel H-Brace Beams

10’ pipe made from 14 gauge steel tubing. Excellent option for H-Braces. Galvanized with clear-coat protector. 2-3/8” diameter

$899

Speed Brace Kits

Effective and efficient bracing system for any H-Brace design. No need to hand-twist wire. Simply loop the pre-formed end over one end of the brace and securely fasten the other end around the post with the large Gripple included. 1,320 pound breaking strength. Qty: 20

$611-TUB
Economy Spinning Jenny
Non-wheel spinning jenny. Pivots on a steel spike once driven into the ground. Four adjustable arms. Works with all standard wire and coil sizes. 860

Wire Payout Spinner
Made in America, this heavy duty payout spinner will help finish your high tensile smooth wire installation faster. Best option for all standard wire and coil sizes. 680

Stretcher Bar and Wedges
Make quick work of pulling woven wire. Includes wedges.
52" Bar/5 Wedges .......... 636-52
• Use with 49" wire
82" Bar/7 Wedges .......... 636-82
• Use with 75" wire
100" Bar/9 Wedges .......... 636-100
• Use with 96" wire

Stretcher Bar Puller
Works with most sizes of stretcher bars. 20' chain with latch hooks for safe operation. Electroplated coating ensures this tool will last. 635

Wire Bending Tool
The 3-hole, rod-type bending tool makes wire bending easier. Works great with t-posts and fiberglass droppers. 653

Flat Wire Bending Tool
Use this tool on fixed knot or field fence to splice lines. The flat space is helpful for bending wire in smaller spaces and to tie off lines at corner assemblies. 653-F

Barbed Wire Carrier
Makes unrolling barbed wire safe and simple. Free spinning design enables wire to unroll seamlessly. Pipe handle is long enough for two hands, allowing two people to carry together. 10300

Multi-Use Tool
A great multi-use tool that can cut, crimp, and strip fence wire. Built with two crimping slots. First slot is for 2-3 and 2-3 XL sleeves. Use the second slot for 4-5 sleeves or open end taps. The hole is for stripping coated wire or underground cable. Wire-cutter on tool nose. 657-T

Four-Slot Crimping Tool
Long-handled tool will crimp all Pasture Management Systems crimp sleeve sizes. 652
Brace Pins

Hot-dipped galvanized brace pins for the H-Brace style corner or end post. Secures horizontal brace to vertical post.

5" Pin in a 10 count bag...........805
10" Pin in a 10 count bag........1010
5" Pin in a 100 count box.........878
10" Pin in a 100 count box........879

2-3 Crimp Sleeves

Maintain wire strength and conductivity when connecting rolls. Gritted crimp sleeves are stronger and more efficient than hand-tied knots. Recommended for use on 12.5 gauge smooth wire.

25 count bag.........................2325
100 count jar.......................623

2-3 Extra Long Crimp Sleeves

Same benefits and wire sizes but stronger hold than regular 2-3 sleeves. Recommended for use on 12.5 gauge smooth wire and always on fixed knot or hinge joint wire.

25 count bag.........................23XL25
100 count jar.......................623XL

3-4 Crimp Sleeves

Maintain wire strength when connecting rolls. Gritted crimp sleeves are stronger and more efficient than hand-tied knots. Recommended for use on 14 or 15.5 gauge barbed wire and 10-11 gauge smooth wire.

10 count bag.......................3410
50 count jar.......................634

4-5 Crimp Sleeves

Maintain wire strength when connecting rolls. Gritted crimp sleeves are stronger and more efficient than hand-tied knots. Recommended for use on 9 gauge smooth wire 12.5 gauge barbed wire.

10 count bag.......................4510
50 count jar.......................645

1 1/4" Staples

8 gauge, double-barbed, class 3 galvanized staples. Available in multiple sizes.

In 10 lbs bucket....................953-10
In 40 lbs bucket....................954-40

1 1/2" Staples

8 gauge, double-barbed, class 3 galvanized staples. Available in multiple sizes.

In 10 lbs bucket....................955-10
In 40 lbs bucket....................956-40

1 3/4" Staples

8 gauge, double-barbed, class 3 galvanized staples. Available in multiple sizes.

In 10 lbs bucket....................957-10
In 40 lbs bucket....................958-40

2" Staples

8 gauge, double-barbed, class 3 galvanized staples. Available in multiple sizes.

In 10 lbs bucket....................959-10
In 40 lbs bucket....................960-40

Open End 3-4 Taps

Use on 12.5 to 14 gauge smooth wire to create a permanent electrical connection. Can install on existing high-tensile smooth wire.

10 count bag.......................34T10
50 count jar.......................634T
**WIRE TIGHTNERS**

**In-Line Wire Strainer**

Spring lock holds tight against the cog. Heavy duty galvanized strap and zinc cog.

773-USA

---

**Economy In-Line Wire Strainer**

Spring lock holds tight against the cog. Galvanized strap and aluminum cog.

773-E

---

**Spring Clip Wire Strainer**

Stainless steel strap. Heavy duty cog. Tighten with 1/2in drive ratchet, 7/8in wrench, adjustable wrench, or use trellis-style. Our most user-friendly strainer.

777

---

**Tension Spring**

Heavy duty spring acts as shock absorber and maintains consistent tension on the fence. Class 3 galvanized.

775

---

**Chain Grab**

5" Chain length. Works with most gauges of high tensile and barbed wire. 770 lbs of holding strength. Heavy duty walking arms and grabbers. Use hook end of the chain when anchoring to a corner or end post. Electroplated for longevity.

630

---

**Strainer Handle**

Use to tighten either of our in-line wire strainers (773-USA or 773-E).

774
## T-POST TOOLS

### Heavy Duty Post Driver
- **Description:** 17 pound heavy duty post driver will work in most types of soil. Drives posts safely and efficiently.
- **Price:** $10100

### Super Heavy Duty Post Driver
- **Description:** 23 pounds super heavy duty post driver. Use for maximum driving force in the toughest ground conditions.
- **Price:** $603

### T-Post Puller
- **Description:** Enables one person to remove studded t-posts from the ground.
- **Price:** $16000

### T-Post Puller
- **Description:** Use with a chain for simple removal of t-posts from the ground. Chain not included.
- **Price:** $10400
# FENCE BUILDING TIPS

## COMMON FENCE MEASUREMENTS

- 1 foot = 12 inches
- 1 yard = 3 feet
- 1 rod = 16.5 feet
- 1 mile = 5280 feet = 1760 yards = 320 rods
- 1 acre = 43,560 square feet = 160 square rods = .4047 hectares

### Rectangle Measurements

<table>
<thead>
<tr>
<th>Rectangle Acres</th>
<th>Length of Field (ft)</th>
<th>Width of Field (ft)</th>
<th>Length of Fence Required (ft)</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>264</td>
<td>165</td>
<td>850</td>
</tr>
<tr>
<td>1 1/4</td>
<td>330</td>
<td>132</td>
<td>924</td>
</tr>
<tr>
<td>2 1/2</td>
<td>660</td>
<td>165</td>
<td>1650</td>
</tr>
<tr>
<td>4</td>
<td>528</td>
<td>330</td>
<td>1716</td>
</tr>
<tr>
<td>5</td>
<td>660</td>
<td>330</td>
<td>1980</td>
</tr>
<tr>
<td>6</td>
<td>990</td>
<td>264</td>
<td>2500</td>
</tr>
<tr>
<td>7</td>
<td>1320</td>
<td>231</td>
<td>3102</td>
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<td>825</td>
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<td>160</td>
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<td>1320</td>
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<td>320</td>
<td>6600</td>
<td>2112</td>
<td>17424</td>
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<td>640</td>
<td>6600</td>
<td>4224</td>
<td>21648</td>
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</tbody>
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**FENCE BUILDING TIPS**

**Building a 4' Fixed Knot Fence**

![Diagram of a 4' Fixed Knot Fence]

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Item Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brace Post</td>
<td>6&quot; x 8' Wood Posts</td>
<td>978-MD or 978-LG</td>
</tr>
<tr>
<td>Cross Member</td>
<td>5&quot; x 10' Wood Post or 2.375&quot; x 10' 14ga Steel Tubing</td>
<td>980, 899</td>
</tr>
<tr>
<td>Brace Pins</td>
<td>5&quot; and 10&quot; Brace Pins</td>
<td>805, 801, 878, or 879</td>
</tr>
<tr>
<td>Brace Wire</td>
<td>9ga C3 Brace Wire or Speed Brace Kit</td>
<td>5570 / 5572, 611-TUB</td>
</tr>
<tr>
<td>In Line Strainer</td>
<td>Spring Clip Strainer</td>
<td>777</td>
</tr>
<tr>
<td>Staples</td>
<td>1.75&quot; Class 3 Double Barbed Staples</td>
<td>958-40 or 957-10</td>
</tr>
</tbody>
</table>

**INSTALLATION**

1. Drive or auger and tamp the End Post.
2. Pull the Guide Wire.
3. To establish the location of the cross member, measure the distance from the bottom of the fabric to a point midway between the 2nd and 3rd wire. Using this measurement, mark the inside of the brace posts.
4. Drill a 3/8" by 2" hole in the End Post and drill a 3/8" hole through the Brace Post. Set the 5" Brace Pin in the End Post and start the 10" pin in the Brace Post.
5. Pilot drill the ends of the cross member. Set one end of the cross member on the 5" pin, then lift the other end to align with the 10" pin. Drive the 10" pin into the Brace Post, leaving 1" exposed for the installation of the Brace Wire.
6. Drive a barbed staple partially in, approximately 3 to 4 inches above ground level on the side of the end post opposite the cross member.
7. Guide the Brace Wire through the staple in the End Post, up over the 10" pin in the Brace Post, back down and through the staple and over the 10" pin again. This will provide a double wrap for the Brace Pin.
8. Install a ratchet type wire strainer on the Brace Wire. Install the ratchet on the opposite side of the brace that the wire fabric will be on. Tighten the Brace Wire until the Brace Post moves approximately 1/4" away from the soil.

**Note:** Braces must be installed in fence line, regardless of the length of pull. Braces should be placed no more than 1320ft apart. Brace width must be a minimum of 2 times the height of the fence (2.5 times is preferred). Never cut into treated posts, as you will expose untreated wood to the elements.

**Line Posts:** Set line posts using 20' to 30' spacing. Post spacings should be determined by terrain, turns in fence line, changes in weather conditions and animal pressure. If a combination of Tee Posts and wood line bosses is used, the ratio of tee posts to line bosses should not exceed 4 to 1. The line bosses should be 5" to 6" diameter. If the fence is going to be all wood line posts, 4" to 5" treated posts can be used. Tee Post weight should not be less than 1.33 lbs. per foot.
FENCE BUILDING TIPS

Building an 8' Fixed Knot Fence

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Item Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brace Post</td>
<td>7&quot; x 14' Wood Posts</td>
<td></td>
</tr>
<tr>
<td>Cross Member</td>
<td>5&quot; x 16' Wood Post</td>
<td></td>
</tr>
<tr>
<td>Brace Pins</td>
<td>5&quot; and 10&quot; Brace Pins</td>
<td>805, 801, 878, or 879</td>
</tr>
<tr>
<td>Brace Wire</td>
<td>9ga C3 Brace Wire or</td>
<td>5570 / 5572</td>
</tr>
<tr>
<td></td>
<td>Hi-Tensile Wire Coil</td>
<td>740</td>
</tr>
<tr>
<td>In Line Strainer</td>
<td>Spring Clip Strainer</td>
<td>777</td>
</tr>
<tr>
<td>Staples</td>
<td>1.75&quot; C3 Double Barbed Staples</td>
<td>958-40 or 957-10</td>
</tr>
</tbody>
</table>

INSTALLATION

1. Drive or auger and tamp the End Post.
2. Pull the Guide Wire.
3. Set the Brace Posts using the cross member for measurement and aligning to the Guide Wire.
4. To establish the location of the cross member, measure the distance from the bottom of the fabric to a point midway between the 2nd and 3rd wire. Using this measurement, mark the inside of the brace posts.
5. Drill a 3/8" by 2" hole in the End Post and drill a 3/8" hole through the Brace Post. Set the 5" Brace Pin in the End Post and start the 10" pin in the Brace Post.
6. Pilot drill the ends of the cross member. Set one end of the cross member on the 5" pin, then lift the other end to align with the 10" pin. Drive the 10" pin into the Brace Post, leaving 1" exposed for the installation of the Brace Wire.
7. Drive a barbed staple partially in, approximately 3 to 4 inches above ground level on the side of the end post opposite the cross member.
8. Guide the Brace Wire through the staple in the End Post, up over the 10" pin in the Brace Post, back down and through the staple and over the 10" pin again. This will provide a double wrap for the Brace Pin.
9. Install a ratchet type wire strainer on the Brace Wire. Install the ratchet on the opposite side of the brace that the wire fabric will be on. Tighten the Brace Wire until the Brace Post moves approximately 1/4" away from the soil.

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Line Posts: Set line posts using 20' to 30' spacing. Post spacings should be determined by terrain, turns in fence line, changes in weather conditions and animal pressure. If a combination of Tee Posts and wood line bosses is used, the ratio of tee posts to line bosses should not exceed 4 to 1. The line bosses should be 5" to 6" diameter. If the fence is going to be all wood line posts, 4" to 5" treated posts can be used. Tee Post weight should not be less than 1.33 lbs. per foot.
Why use an Electric Fence?

**Keeping animals from leaning on a fence will extend the life of your fence.** The weight and pressure they put on a fence may cause the fence to sag and stretch over time, depending on the type of wire used. Time spent repairing or replacing a fence is not time well spent. The longer your first fence lasts, the more time and resources you will have to focus on other aspects of your land.

**Electric fencing is the most effective method of keeping animals away from your fence.** An electric fence serves as a psychological and physical barrier to animals. The pulses, or “shocks” that are delivered to the fence and felt by the animal when they touch the fence come from an electric fence energizer. When the proper and high quality fence components are used, the animal will receive a memorable shock that will train them to avoid the fence.

**Animal Health and Safety** is important to all landowners. Our animals, whether they be livestock we plan to sell, animals we use to work on the land, or pets that are part of our families, are an investment worth protecting. Electric fencing offers a safer alternative to barbed wire while providing the same level of deterrent. Barbed wire is far more likely to injure an animal that attempts to breach a fence than electric fence.

**Electric fencing can be used in multiple fence designs.** It can be used in conjunction with permanent woven wire fences instead of barbed wire as:
- Top strand(s) on woven wire
- As an offset of the woven wire fence (with an outrigger)

It can also be used on its own to build a permanent, multi-line electric wire fence or for temporary fencing purposes such as rotational grazing and other short term needs.

**Costs are minimized without sacrificing quality.** Electric fencing requires less material than other types of fences. Building cross fences within the perimeter fence can become very costly if high-tensile steel is used. A semi-permanent or temporary electric fence offers the same containment ability at a much lower cost.

**Electric Fencing is adaptable to multiple species of animals.** The wire spacings can be adjusted for all livestock such as cattle, sheep, goats, pigs, horses, etc. When used in temporary fencing, the fence can be moved with little effort to force livestock to graze in smaller paddocks.
# ELECTRIC FENCE BASICS

## CHOOSING THE BEST ELECTRIC FENCE FOR YOUR NEEDS

1. **Do you need a fence to contain animals or exclude wildlife?**
2. **Will you need to move your fence?**

<table>
<thead>
<tr>
<th></th>
<th>TEMPORARY/PORTABLE</th>
<th>SEMI-PERMANENT</th>
<th>PERMANENT WITH HIGH TENSILE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Time at Location</strong></td>
<td>Short - moves often</td>
<td>1-20 years</td>
<td>20-40 years</td>
</tr>
<tr>
<td><strong>Construction Difficulty</strong></td>
<td>Quick and Easy</td>
<td>Easy to Moderate</td>
<td>Moderate, More Tools Required</td>
</tr>
<tr>
<td><strong>Animal Recommendations</strong></td>
<td>Cattle, Horses, Pets, Garden Pests</td>
<td>Deer, Predators, Sheep/Goats, Hogs, Horses, Cattle</td>
<td>Deer, Predators, Sheep/Goats, Hogs, Horses, Cattle</td>
</tr>
<tr>
<td><strong>Area</strong></td>
<td>Small</td>
<td>Unlimited</td>
<td>Unlimited</td>
</tr>
<tr>
<td><strong>Main Purpose</strong></td>
<td>Rotational Grazing or temporary containment</td>
<td>Cross Fencing and Pastures</td>
<td>Perimeter Fencing</td>
</tr>
<tr>
<td><strong>Key Points</strong></td>
<td>Low cost, easy installation and relocation</td>
<td>Works with variety of post and wire options</td>
<td>Can be used to supplement a fixed knot fence or build a multi-line electric fence</td>
</tr>
</tbody>
</table>

### FENCE COMPONENT OPTIONS

- **Posts**
  - Tread-in, Fiberglass Posts
  - Wood Posts, T-Posts
  - Wood Posts, T-Posts

- **Wire**
  - Polywire, Polybraid, Polytape
  - Polywire, Polybraid, Polytape, Steel
  - 12.5ga high tensile wire

- **Energizer**
  - Solar, Dual Purpose, AC (110V), DC (battery)
  - Solar, Dual Purpose, AC (110V), DC (battery)
  - Solar, Dual Purpose, AC (110V), DC (battery)

*Chart above contains information that is dependent upon recommended maintenance and use of quality products.*
Containment vs. Exclusion Fence

Containment of livestock and other animals has been the primary use of electric fence for generations. The goal of a containment fence is to limit the grazing area of livestock or to keep other animals inside a defined space.

The Exclusion of wildlife from your land is very important and will save you time and money. Wildlife such as deer, coyotes, and even larger animals like bears can wreak havoc on row crop farms, small gardens, beehives and more. Wildlife will learn to respect an electric fence just as livestock and other domesticated animals do.
Use a minimum 2.0 output joules energizer for wildlife exclusion, regardless of the length of the fence for optimal results.
Implementing rotational grazing practices on your operation improves the quality, yield and profitability of your land and livestock. It forces animals to eat all available vegetation in a small section of the pasture called a grazing paddock.

Grazing paddocks are created with cross fencing in a pasture. Animals are rotated to a different grazing paddock after all the growth has been eaten. By controlling where the animals are grazing, the land has time to recover. When the vegetation in a paddock reaches regrows to a preferred height, it can be grazed again and the process repeats. This well-proven strategy produces healthy and heavy animals. With minimized input expense required for the animal and the land, the profits of the ranch operation are maximized.

Rotational Grazing with Electric Fencing

Electric fence that can be moved around a pasture to form temporary grazing paddocks is the most effective and lowest cost fence you can build. Utilizing a strong, solar or battery powered energizer, a highly conductive polywire, rope, braid, or tape, fence reels, and sturdy step-in posts is the best method of fencing for multiple grazing paddocks. A temporary electric fence is far easier and less expensive to install than permanent cross fences made with fixed knot wire. Temporary electric fencing offers you more flexibility and options when creating a grazing system because of the ability to move it as needed. In addition, electric fences have been proven to more effectively deter animals from approaching the fence line than barbed wire.
We recommend taking a walk on your property and sketching your fence layout. Make sure to think about the following:

- Animal Flow/Herd Movement
- Access to water
- Length of each fence line
- Location of all buildings near the fence
- Trees, lowlands, wetlands, or other obstacles
- Gate Locations
- Fence Termination Points
### POLYWIRE

**6 Strand Stainless Steel Polywire**
- 6 strands of 0.16mm stainless steel conductors. Ideal for shorter temporary fences
- 660' roll: 525-16
- 1650' roll: 556-16

**9 Strand Stainless Steel Polywire**
- 9 strands of 0.20mm stainless steel conductors. Ideal for medium lengths of temporary fence.
- 660' roll: 549-MV
- 1650' roll: 589-MV

**6 Strand Mixed-Metal Polywire**
- 3 strands of 0.20mm stainless steel conductors and 3 strands of 0.25mm copper conductors. Ideal for long distance fencing and temporary perimeter fence
- 1650' roll: 575-MV+

### POLYBRAID & ROPE

**9 Strand Stainless Steel Polybraid**
- 9 strands of 0.20mm stainless steel conductors. Ideal for larger livestock.
- 1320' roll: 649-MVB

**9 Strand Mixed-Metal Polybraid**
- 6 strands of 0.20mm stainless steel conductors and 3 strands of 0.20mm tinned copper conductors. Ideal for larger livestock and long distance temporary or semi-permanent fencing
- 1320' roll: 659-MV+B

**9 Strand Mixed-Metal Polyrope**
- 3 strands of 0.20mm stainless steel conductors and 3 strands of 0.25mm copper conductors. 1/4” diameter rope is wider than polybraid. Ideal for equine use.
- 1320' roll: 538-MV+

---

Polybraid has **50% more breaking strength than polywire, meaning it will withstand stronger impacts**.
POLYTAPE

6 Strand Stainless Steel Polytape (1/2"")

6 strands of 0.16mm stainless steel conductors. Ideal for equine containment and deer exclusion over shorter distances.

- 660' roll............................526-16
- 1320' roll.........................527-16

5 MEGA Strand Polytape (1/2"")

5 strands of 0.30mm stainless steel conductors. Best for longer distance and semi-permanent fences for equine containment and deer exclusion.

- 1320' roll............................527-MV

13 Strand Wide Polytape (1 1/2"")

13 strands of 0.20mm stainless steel conductors. Wider tap offers maximum visibility for horses and deer.

- 165' roll............................551-13
- 660' roll............................552-13

KNOW THE DIFFERENCE IN YOUR ELECTRIC FENCE

Ω/Mile Resistance Rating

A lower Ohms rating (Ω/Mile) keeps the voltage more consistent through the whole length of the fence

More Consistency = Better Performance

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>OHMS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Good</strong></td>
<td></td>
</tr>
<tr>
<td>6 Strand Stainless Steel Polytape</td>
<td>12500</td>
</tr>
<tr>
<td>6 Strand Stainless Steel Polywire</td>
<td>12300</td>
</tr>
<tr>
<td><strong>BETTER</strong></td>
<td></td>
</tr>
<tr>
<td>13 Strand Wide Polytape</td>
<td>6000</td>
</tr>
<tr>
<td>9 Strand Stainless Steel Polybraid</td>
<td>5100</td>
</tr>
<tr>
<td>9 Strand Stainless Steel Polywire</td>
<td>4400</td>
</tr>
<tr>
<td>5 MEGA Strand Polytape</td>
<td>3400</td>
</tr>
<tr>
<td><strong>BEST!!!</strong></td>
<td></td>
</tr>
<tr>
<td>9 Strand Mixed-Metal Polybraid</td>
<td>400</td>
</tr>
<tr>
<td>9 Strand Mixed-Metal Polyrope</td>
<td>200</td>
</tr>
<tr>
<td>6 Strand Mixed-Metal Polywire</td>
<td>100</td>
</tr>
</tbody>
</table>
**REELS**

**Geared 3:1 Reel**

Holds up to 660ft of polytape or 1640ft of Polywire. Includes Insulated Hook Gate Handle. Galvanized steel frame and crank handle. Can hang on a permanent fence. UV-stabilized plastic nylon brushings reduce wear and tear. Wire guide prevents tangles.

**Mini Reel**

Holds 800ft of Polywire or 330ft of polytape. Lynch pins allows spool to be replaced quickly.

**HARDWARE**

**Wood Post Wide Polytape Anchor**

Provides great support and conductivity for permanent wide polytape fencing on wood posts. Qty: 1

**Polyrope Connector**

Use to join two rolls of polyrope or to terminate fence on end post. Galvanized for long lasting rust prevention. Qty: 5

**Tape Gate Buckle**

Use buckle to make any length tape gate. Qty: 1
TEMPORARY POSTS

Tread-In Post

This grazing post features the “Easy-Clip” system allowing you to clip your poly fence to the post with one hand. The post is built with an extra long spike made of high-tensile steel that can be pushed in the ground with your foot. I-Beam construction for durability. Total post length is 43”.

597

SunGuard™ Fiberglass Step-In Post

A fiberglass post with 4 clips. Rod diameter is 3/8” and holds fence over 38” above ground. Coated to prevent fading and damage to the post. Works well with any poly fence for temporary fences. Total height is 48”.

597-FG

Steel Pigtail Tread-In Post

Made from a steel shaft with UV stabilized coating. Holds fence 36” off the ground. Total post length is over 43”. Use a rod post insulator to run multiple lines on these posts.

599W-P

SunGuard™ Fiberglass Posts

Protective SunGuard™ coating preventing fading and damage to the post. Pre-drilled holes. Good choice for permanent or temporary fences.

11/16" x 60" Post……….. 921
7/8" x 60" Post……….. 922
7/8" x 66" Post……….. 924
7/8" x 72" Post……….. 926
1/2" x 48" Post……….. 930
3/8" x 48" Post……….. 567

Open Eye Clips

For 7/8" fiberglass post………..884
  • Qty: 50
For 1/2"+ fiberglass post……930-C
  • Qty: 100

Clip for 3/8" Fiberglass

Use with the 3/8" diameter SunGuard™ Fiberglass post.
Qty: 100

568
Electric netting can be used for temporary containment or exclusion in multiple settings. Whether you have sheep and goats you want to isolate from larger livestock, a free range chicken or beekeeping farm, or want to keep wildlife away from your garden, these nets offer a simple and efficient electric fence. Need to move to a different location? Not a problem as the nets are portable. Works best with a portable solar or battery powered energizer. Simply clip the energizer output lead to the net and the ground rod.

We do recommend using at least a 0.25 joule energizer for every 164’ of netting used. See page 31 more information about joule ratings on energizers.

**Sheep & Goat Electric Netting**

40” tall and 164' long. The 7” vertical wire spacing is ideal for containing sheep and goats. Made with 9 horizontals wires.

**Poultry Electric Netting**

48” tall and 164' long. The 3.5” vertical wire spacing is ideal for containing poultry and other smaller animals. Made with 14 horizontals wires.

**Predator Electric Netting**

48” tall and 164' long with 7” vertical wire spacing. Excellent option for keeping predators out of gardens, beehives, or small animal pens.
Wood Post Pinlock Insulator

Carefully made from high-density polyethylene to hold polyrope, polywire, polybraid, and high-tensile wire off a wood post. Qty: 25

10 Year Warranty

226-USA

T-Post Pinlock Insulator

Use with 1.25-1.33 lbs/ft t-post sizes only. Carefully made from high-density polyethylene to hold polyrope, polywire, polybraid, and high tensile wire off a t-post. Qty: 25

10 Year Warranty

233-USA

Wood Post Wide Polytape Insulator

Durable polytape insulator for wood or vinyl posts. Holds up to 1 1/2" wide polytape. Qty: 25

228

T-Post Wide Polytape Insulator

Durable polytape insulator for t-posts. Holds up to 1 1/2" wide polytape. Qty: 25

242

Screw-In Ring Insulator

Steel-reinforced ring insulator. Works great with polyrope, polywire, polybraid, and coated wire. Screws into wood post. Qty: 25

229

Wood Post Outrigger Insulator

Use with woven wire or barbed wire fence to run an electric offset wire. Offset hot wire will keep animals from leaning on your perimeter fences.

272-17

Wrap-Around Insulator

Easy to use corner or end post insulator. Metal insert keeps wire from cutting into the plastic. Qty: 10

238

4" Fin Tube Insulator

Economical option for insulating high-tensile wire across wood post. Slide on wire and push down the line as you install. Qty: 175

239-SHD

Porcelain Donut Insulator

Excellent option for use in corners, curves, and ends of electric fence and to eliminated dips.

230

Drill Chuck For Screw-In Insulators

Efficiently install any screw-in insulator. Works with any drill with a standard 3/8" drill head.

229DC
ELECTRIC FENCE ACCESSORIES

Direct Burial Underground Cable

.33" Outer Diameter cable made with 12.5 gauge, Class 3 galvanized wire. Double insulation prevents damaged caused by natural elements. Use for a variety of electric fence connection needs.

330 ft roll..................257
165 ft roll..................257A

Insul-Tubing

Use to run electric wire under gates by running it through the gate tubing. 100 ft roll. Qty: 1

254

Joint Clamp

Holds up to 12.5 gauge wire and ensures electrical connections are conductive and secure. Qty: 20

293-SHD

8-Light Fence Tester

Designed for low-impedance and standard duty energizers. 8 easy to read lights. Reads voltage from 600v to 7000v. Use on fence line or energizer. Qty: 1

143

Underground Cable

Double insulated, 12.5 gauge, Class 3 galvanized wire. Use for a variety of electric fence connections including connecting multiple wire strands on a post or around a gate. 66 ft roll.

66 ft roll..................258-66

Single Jumper Lead

Connects the energizer to the wire on the fence or to the ground rod. 42 inches in length, including clips. Made with high voltage wire and HD clips. Qty: 1

501

Heavy Duty Cutoff Switch

Use to turn off electricity on a fence safely and quickly. Very help when needing to access the fence for repairs or inspection. Qty: 1

294 HD

Electric Fence Warning Sign

Simple clip on electric fence warning sign. High visibility yellow. Qty: 1

295
# ELECTRIC FENCE ACCESSORIES

## Energy Limiter
Ideal for use in high growth vegetation areas or in flood prone acreage. Limits the amount of power drawn from vegetation on lower wires. Keeps upper wire hot. Qty: 5

## Porcelain Lightning Arrestor
Safeguards your energizer from lightning strike damage. Replace if lightning strikes. Use with additional ground rods. Qty: 2

## Voltage Spike Protector
Surge protector plugs into grounded outlet. Protects energizer from power surges. Replace if lighting strikes.

## GROUNDING

### 5/8" Ground Rod Clamp
Clamp up to 12.5 gauge ground wire firmly to 5/8" ground rod. Brass. Qty: 5

### 2-Piece Universal Ground Clamp
Easy, two piece assembly fits any size ground rod. Use to clamp ground wire to ground rod. Zinc. Qty: 1

### 5/8" x 6' Ground Rod
Galvanized ground rod use to connect the negative post on an energizer to the earth. Qty: 1

---

The importance of grounding cannot be understated. The pulse from the energizer must travel from the animal into the ground to complete the loop. The more ground rods and moisture in the ground, the stronger the shock.
### ELECTRIC GATE ACCESSORIES

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Economy Gate Handle</strong></td>
<td>Galvanized hook and simple tension spring. A simple, yet effective electric gate handle. Qty: 1</td>
<td>329</td>
</tr>
<tr>
<td><strong>Insulated Hook Gate Handle</strong></td>
<td>Good handle for polywire and polytape usage. Connect to any wire while building/moving temporary fence. Qty: 1</td>
<td>381</td>
</tr>
<tr>
<td><strong>Heavy Duty Gate Handle</strong></td>
<td>Stainless steel hook and heavy duty internal tension spring. A step up from our economy gate handle. Qty: 1</td>
<td>381</td>
</tr>
<tr>
<td><strong>Wood Post Gate Anchor</strong></td>
<td>Double hook insulator screws into wood post and sets connection point for wire and handle. Creates an electrified gate. Qty: 2</td>
<td>313</td>
</tr>
<tr>
<td><strong>Tape Gate Kit</strong></td>
<td>Everything needed to make an electric tape gate except for the tape. Includes gate handle, tape buckle, anchor, and gate activator. Qty: 1</td>
<td>353</td>
</tr>
<tr>
<td><strong>Rubber Gate Handle</strong></td>
<td>Simple and inexpensive rubber gate handle. Plated hooks and wire attachment. Works with various polywire and braids. Qty: 1</td>
<td>326</td>
</tr>
<tr>
<td><strong>Gate Activator</strong></td>
<td>Attach to wood post as a connection point for gate handles and wire. Includes a pinlock insulator, galvanized anchor plate, and joint clamp. Qty: 1</td>
<td>355</td>
</tr>
<tr>
<td><strong>Spring Gates</strong></td>
<td>Provides everything needed to create an electrified gate opening. Provides safe and easy access while containing/excluding animals. Includes pinlock insulator, gate activator, gate handle, and Class 3 galvanized Spring.</td>
<td></td>
</tr>
<tr>
<td>14ft</td>
<td>...................................................................................358</td>
<td></td>
</tr>
<tr>
<td>24ft</td>
<td>...................................................................................358XL</td>
<td></td>
</tr>
<tr>
<td>14ft White Spring</td>
<td>...................................................................................358W</td>
<td></td>
</tr>
</tbody>
</table>
Step 1: What is your Power Source:

Mains Powered

- 110v/AC powered
- Great for permanent fencing
- Reliable power source with less maintenance

Solar Powered

- Great for permanent and temporary fencing
- For powering fence where no mains power exists
- Excellent for rotational grazing
- Ultimate portability

Multi-Purpose

- 3-in-1 unigizer
- 110v/AC, 12v/DC, or Solar Powered (solar panel required)

Step 2: Check the Joule Rating

The number of Joules in a energizer is the primary rating to consider in your selection. Miles and acreage ratings on energizers can be deceiving and should only be used as a guideline. A Joule is the unit of measurement of energy exerted per pulse. Output versus stored energy should be evaluated as well. The output rating is what the charger can actually produce in terms of Joules. A good rule of thumb to select an energizer that has a 1 Joule (J) output energy rating for every 6 miles of electric wire.

Step 3: Repair vs Replace

Some energizers are, in many cases, repairable, and therefore can last longer. These energizers typically cost a little more. Value-oriented energizers on the other hand, are not made for repairs. If the unit is damaged, you will need to replace it with a new unit.
6-Rail Galvanized Tube Gates
Pasture Management Systems’ tube gates are made with 1.75" diameter tubing constructed from 19 gauge high tensile steel. All gates are 50” tall, have a square corner finish, and come with 5/8” x 12” bolt hooks and necessary chain latch.

### AVAILABLE SIZES

<table>
<thead>
<tr>
<th>ITEM NO</th>
<th>DESCRIPTION</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHTSTG04</td>
<td>Tube Gate</td>
<td>4ft</td>
<td>25 lbs</td>
</tr>
<tr>
<td>GHTSTG06</td>
<td>Tube Gate</td>
<td>6ft</td>
<td>40 lbs</td>
</tr>
<tr>
<td>GHTSTG08</td>
<td>Tube Gate</td>
<td>8ft</td>
<td>45 lbs</td>
</tr>
<tr>
<td>GHTSTG10</td>
<td>Tube Gate</td>
<td>10ft</td>
<td>51 lbs</td>
</tr>
<tr>
<td>GHTSTG12</td>
<td>Tube Gate - 2 Vertical Braces</td>
<td>12ft</td>
<td>64 lbs</td>
</tr>
<tr>
<td>GHTSTG14</td>
<td>Tube Gate - 2 Vertical Braces</td>
<td>14ft</td>
<td>71 lbs</td>
</tr>
<tr>
<td>GHTSTG16</td>
<td>Tube Gate - 3 Vertical Braces</td>
<td>16ft</td>
<td>79 lbs</td>
</tr>
</tbody>
</table>

Wire Mesh Galvanized Gates
Pasture Management Systems’ wire mesh gates are built with a 19 gauge high tensile steel frame and a 4 gauge wire panel. All gates are 50” tall, have a square corner finish, and come with screw lag hangers and necessary hardware.

### AVAILABLE SIZES

<table>
<thead>
<tr>
<th>ITEM NO</th>
<th>DESCRIPTION</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHTSWMG04</td>
<td>Wire Mesh Gate</td>
<td>4ft</td>
<td>21 lbs</td>
</tr>
<tr>
<td>GHTSWMG06</td>
<td>Wire Mesh Gate</td>
<td>6ft</td>
<td>28 lbs</td>
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<tr>
<td>GHTSWMG08</td>
<td>Wire Mesh Gate</td>
<td>8ft</td>
<td>45 lbs</td>
</tr>
<tr>
<td>GHTSWMG10</td>
<td>Wire Mesh Gate</td>
<td>10ft</td>
<td>48 lbs</td>
</tr>
<tr>
<td>GHTSWMG12</td>
<td>Wire Mesh Gate - 2 Vertical Braces</td>
<td>12ft</td>
<td>62 lbs</td>
</tr>
<tr>
<td>GHTSWMG14</td>
<td>Wire Mesh Gate - 2 Vertical Braces</td>
<td>14ft</td>
<td>69 lbs</td>
</tr>
<tr>
<td>GHTSWMG16</td>
<td>Wire Mesh Gate - 3 Vertical Braces</td>
<td>16ft</td>
<td>74 lbs</td>
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</tbody>
</table>
**Gate Wheel**
Works with tube gate diameters between 1-5/8" and 2". Wheel bares the weight of the gate and relieves the pressure from the end post. Easy to install and operate.

**Quick Gate Latch**
New-Zealand style chain latch. Spring latch and quick link make one-handed operation possible. Includes two 3" staples and chain.

**Tube Gate Hinge**
Fits on 1-5/8" and 1-3/4"tube gates. Includes bolt and nut. 5/8" pintle. Galvanized.

**Large Tube Gate Hinge**
Fits on 2" tube gates. Includes bolt and nut. 3/4" pintle. Galvanized.

**3/4" Bolt Hook**
Zinc Plated. 3/4" diameter x 12" long bolt. Includes two nuts and washers to adjust to the gate.

**Premium 3/4" Bolt Hook**
Hot-dipped galvanized. 3/4" diameter x 12" long bolt. Includes two nuts and washers to adjust to the gate.

**5/8" Bolt Hook**
Zinc Plated. 5/8" diameter x 12" long bolt. Includes two nuts and washers to adjust to the gate.

**6" Screw Lag**
Use on 5/8" gates with a 1-5/8" Tube Gate Hinge. Zinc Plated

**5/8" Sure-Hold Gate Hanger Bolt**
Extra hook holds the bolt to the post. Prevents post damage on longer and heavy duty gates. 5/8" diameter x 12" long bolt. Includes two nuts and washers to adjust to the gate. Hot-dipped galvanized.

**3/4" Sure-Hold Gate Hanger Bolt**
Extra hook holds the bolt to the post. Prevents post damage on longer and heavy duty gates. 3/4" diameter x 12" long bolt. Includes two nuts and washers to adjust to the gate. Hot-dipped galvanized.
Galvanized Panels
Pasture Management Systems’ panels are made with 1.75" diameter tubing constructed from 19 gauge high tensile steel. All panels have 6 rails and a square corner finish with pin connectors.

<table>
<thead>
<tr>
<th>ITEM NO</th>
<th>DESCRIPTION</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHTSCP12</td>
<td>63&quot; Corral Panel</td>
<td>12ft</td>
<td>69 lbs</td>
</tr>
<tr>
<td></td>
<td>Made with 2 Vertical Braces</td>
<td></td>
<td></td>
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<tr>
<td>GHTSCBP12</td>
<td>Combo Panel/Bow Gate</td>
<td>12ft</td>
<td>105 lbs</td>
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<tr>
<td></td>
<td>96&quot; overall height with 86&quot; walk-thru clearance</td>
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</tr>
<tr>
<td>GHTSBG06</td>
<td>Bow Gate</td>
<td>6ft</td>
<td>70 lbs</td>
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<tr>
<td></td>
<td>96&quot; overall height with 86&quot; walk-thru clearance</td>
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