Borderview Research Farm

Building a Hopyard
Inventory of items to construct a hopyard
Cedar and Tamarack poles 20 to 22 ft X 6 in.
65 @$32.00 each
Haven Grip for ¼ to ½ inch cable
2 @$82.50

5/16 Aircraft Cable
6750 ft. @ $.26 Cents a Foot

Cable Cutters
$66.00
¾ X 12 inch Turn Buckle
37 @$15.95 Each

5/16 Cable Clamps
300 @$0.64 Cents Each

5 inch X 48 inch Ground Anchors
40 @$13.00 Each

5/16 X 3 in. Eye bolts
Come Along

18 Volt Impact Wrench
Home made adapter for screwing in ground anchors that mounts to post hole digger.

Adapter sets over head of ground anchor.

Commercial post hole digger. $339.00 for the weekend.
3 Point Hitch Post Hole Digger With Anchor Attachment
Loader for moving poles.

Ten yards stone for setting poles.
Home made lift bucket. Made from a 250 gallon tote holder. Welded to an old front end loader bucket.
Hopyard Layout

210 ft

200 ft

Poles
Ground Anchors
Cables

32 Outside Poles
33 Inside Poles
37 Ground Anchors
Hopyard Layout. Poles are spaced 20 ft. X 35 ft.
Lay out flags for post location
Screwing in eye bolts
Make sure to do some test holes to see if you can dig deep enough
Drilling 4 Feet Deep to avoid Frost
Setting Outside Poles
Drilled holes in end poles.
Cabling Hopyard
Cable Spool On Tractor 3 Pt Hitch
Eye hook for mounting Haven Grip for pulling cable
Using a Haven Grip
Hooking cable to haven grip to pull cable.
Painted turn buckles to make them more visible in field.
Painted turn buckles.
Finished Hops Trellis
<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
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<tbody>
<tr>
<td>6750 Ft. 5/16 cable</td>
<td>$1850.00</td>
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<tr>
<td>65 Poles</td>
<td>$2098.00</td>
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<tr>
<td>37 Turn Buckles</td>
<td>$589.00</td>
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<tr>
<td>40 Ground Anchors</td>
<td>$560.00</td>
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<tr>
<td>2 Haven Grips Cable Pullers</td>
<td>$165.00</td>
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<tr>
<td>Cable Cutters</td>
<td>$66.00</td>
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<tr>
<td>300 Cable Clamps</td>
<td>$197.00</td>
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<tr>
<td>10 Yards Stone</td>
<td>$460.00</td>
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<tr>
<td><strong>Total Material Cost</strong></td>
<td><strong>$5996.00</strong></td>
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<tr>
<td>Post Hole Digger Rental</td>
<td>$339.00</td>
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<tr>
<td>65 Man Hours and 48 Tractor Hours</td>
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Enjoying The Fruits of Our Labor