Single Ingredient Pasture Herbicides
By Leon McIntyre

Cimarron/Purestand (Ally) (Metsulfuron)
MCPA/Dagger/etc. (MCPA)
2,4-D/Weedar/etc. (2,4-D)
Banvel/Clarity (Dicamba)
Remedy (Triclopyr)
Stinger (Clopyralid)
Tordon (Picloram)

Spot Treatment Only

Spike (Tebuthiuron)
Roundup/Touchdown/etc. (Glyphosate)

Prepackaged Pasture Herbicide Mixtures

Cimarron Max (Ally+Banvel+2,4-D)
Redeem R&P (Remedy+Stinger)
Pasturemaster (2,4-D+Banvel)
Weedmaster (2,4-D+Banvel)
Gazon P+D (Tordon+2,4-D)
Crossbow (2,4-D+Remedy)
Curtail M (Stinger+MCPA)
Curtail (Stinger+2,4-D)

New Products

PastureGard (1.5 lbs triclopyr/gal+Starane 0.5 lb fluroxypyr/gal)

Primarily a brush control herbicide for blackberry, rose species, Osage Orange, sericea lespedeza, ironweed, ragweed, dock, etc. Cost approximately $45.00/gallon

Use Rate:
-Herbaceous: 1.5-3 pts/acre ($8.50-$17.00)
-Brush: 3-6 pts/acre

PastureGard: Grazing and Haying Restrictions
- Locating dairy: No grazing within the same growing season
- No grazing restriction for non-lactating dairy or other livestock (cattle, horses, goats and sheep)
- Do not harvest hay for 14 days
- Meat animals must be withdrawn from treated forage at least 3 days before slaughter
Surmount  

(0.7 piclorm/gal+0.7lb fluroxypyr/gal)

For control of thistles, horsetail, ironweed, ragweed, locust species, rose species, etc.  
Cost ????

Use Rate:
- Herbaceous: 1.5-2 pts/acre  
- Brush: 3-5 pts/acre

Surmont: Grazing and haying restrictions
- Lactating dairy: no grazing for 14 days  
- No grazing restrictions for non-lactating dairy or other livestock (cattle, horses, goats and sheep)  
- Do not harvest hay for 14 days for lactating dairy, and 7 days for all others  
- Meat animals must be withdrawn from treated forage at least 3 days before slaughter.

**Approximate Cost of Selected Herbicide Treatments**

<table>
<thead>
<tr>
<th>Rate/Acre</th>
<th>Cost/Acre</th>
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<tbody>
<tr>
<td>1 qt. 2,4-D</td>
<td>$4.00</td>
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<tr>
<td>1 pt. Banvel</td>
<td>$11.00</td>
</tr>
<tr>
<td>1 qt. 2,4-D + 1 pt. Banvel</td>
<td>$15.00</td>
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<tr>
<td>2 qt. Crossbow</td>
<td>$25.00</td>
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<tr>
<td>2/10 oz. Cimarron</td>
<td>$5.00</td>
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<tr>
<td>2 pts. Grazon P+D</td>
<td>$7.15</td>
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<tr>
<td>2 pts. Redeem R+P</td>
<td>$20.00</td>
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<tr>
<td>3 pts. PastureGard</td>
<td>$16.80</td>
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</tbody>
</table>

**Missouri Weed Survey**

**Most Troublesome Weeds in Pastures**

- Mush Thistle
- Bull Thistle
- Horsetail/Bull Nettle
- Ironweed
- Multiflora Rose
- Serices Lespedeza
- Ragweed
- Buckbrush