Add Native Plants to Your Farm

MOSES Organic Farming Conference
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Wild Bergamot at Sogn Valley Farm in Cannon Falls, MN operated by Dana and Karin Jokela
Why Plant Natives on Your Farm?

- Absorb and Clean Water
- Clean Air and Sequester Carbon
- Build Healthy Soil
- Prevent Erosion
- Prevent Runoff
- Create Wildlife & Pollinator Habitat
- Cost Share Programs Available
How to Grow a Prairie: An 8 Step Guide

1. Observe your Site
2. Define your Objectives
3. Set your Budget
4. Pick Your Seed Mix
5. Prepare your Site
6. Plant your Garden
7. Control the Weeds
8. Long-Term Management
Observe Your Site

SQUARE FOOTAGE/ACRAGE

SUN CONDITIONS:
- Full Sun?
- Part Sun?
- Full Shade?

SOIL CONDITIONS:
- More Wet?
- Medium?
- More Dry?
Define Your Objectives

What do you hope to accomplish with the project?

Are you starting from scratch, or enhancing an existing area?

Do you need to meet federal standards for your seed mix?

Are you hoping to attract a certain kind of wildlife, pollinator, or beneficial insect?
Set Your Budget

**Seed**
Most Economical, Slowest to Bloom

**Bare Roots**
More Mature Plants, Most Expensive, Fastest to Bloom

**Potted Plants**
First Year Seedlings, Come in trays of 38

*Clematis virginiana*
Virgin’s Bower

*Carex rosea*
Curly-styled Wood Sedge

*Baptisia australis*
Blue Wild Indigo
Pick Your Seed Mix

Pre-Designed Seed Mixes

NRCS Seed Mixes

PRETTY DARN QUICK (PDQ)© SEED MIX
by Prairie Moon Nursery®
10.65 lbs per acre | 187 Seeds per sq/ft
(PHOTOS OF PLANTS IN THIS SEED MIX)

WILDFLOWERS

<table>
<thead>
<tr>
<th>Botanical Name (Common Name)</th>
<th>% by wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agastache foeniculum (Anise Hyssop)</td>
<td>0.59</td>
</tr>
<tr>
<td>Allium stellatum (Prairie Onion)</td>
<td>1.17</td>
</tr>
<tr>
<td>Asclepias incarnata (Rose Milkweed)</td>
<td>1.17</td>
</tr>
<tr>
<td>Astragalus canadensis (Canada Milk Vetch)</td>
<td>0.29</td>
</tr>
<tr>
<td>Bidens aristosa (Swamp Marigold)</td>
<td>0.59</td>
</tr>
<tr>
<td>Chamaecrista fasciculata (Partridge Pea)</td>
<td>18.77</td>
</tr>
<tr>
<td>Coreopsis lanceolata (Lance-leaf Coreopsis)</td>
<td>2.93</td>
</tr>
<tr>
<td>Dalea candida (White Prairie Clover)</td>
<td>1.76</td>
</tr>
</tbody>
</table>

Seeding Plan
Custom Mix

<table>
<thead>
<tr>
<th>LANDOWNER:</th>
<th>12478</th>
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<tbody>
<tr>
<td>FIELDS:</td>
<td>96</td>
</tr>
<tr>
<td>Total Acres:</td>
<td>16.45</td>
</tr>
<tr>
<td>County:</td>
<td>ST. CROIX</td>
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</table>

GRASSES

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Scientific Name</th>
<th>HRS/ Acre</th>
<th>PLC (lbs/acre)</th>
<th>Total Lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green Balsam</td>
<td>Scutellaria lateriflora</td>
<td>Native</td>
<td>0.0</td>
<td>0.3</td>
</tr>
<tr>
<td>Ergotgrass</td>
<td>Ergotlastus nodosus</td>
<td>Native</td>
<td>1.0</td>
<td>15.5</td>
</tr>
</tbody>
</table>

TOTAL GRASSES: | 1.0 | 18.8 |

FORESTLEGUMES

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Scientific Name</th>
<th>HRS/ Acre</th>
<th>PLC (lbs/acre)</th>
<th>Total Lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marsh Milkweed</td>
<td>Asclepias incarnata</td>
<td>Native</td>
<td>2.0</td>
<td>30.9</td>
</tr>
<tr>
<td>Sideoats Grama</td>
<td>Schizachyrium scoparium</td>
<td>Native</td>
<td>2.5</td>
<td>35.6</td>
</tr>
<tr>
<td>Strawberry Clover</td>
<td>Trifolium pratense</td>
<td>Native</td>
<td>3.0</td>
<td>46.4</td>
</tr>
<tr>
<td>Sweet Clover</td>
<td>Trifolium subterraneum</td>
<td>Native</td>
<td>1.0</td>
<td>15.5</td>
</tr>
</tbody>
</table>
Prepare Your Site: Solarization

Photos from “Organic Site Preparation Guidelines” by The Xerces Society available for free online as a PDF
Prepare Your Site: Repeated Shallow Cultivation
Plant Your Seed

Hand Sow if <1 Acre

Truax No Till Drill if >1 Acre
Control the Weeds

- Mow the entire first growing season
- Set mower deck to 4-6 inches
- Mow whenever vegetation grows to 10-12 inches tall
- Even mow down blooming flowers! The sacrifice of the few is for the good of the many.
Long Term Management
Thank You for Your Attention!
Any Questions?

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