What is Agroforestry?

Agroforestry is a land use management system in which trees and/or shrubs are grown with crops and/or livestock. There are several practices, including: forest farming, riparian forest buffers, alley cropping, silvopasture, windbreaks, food forests.

Benefits

Economic

- Increased diversity of crops and income
- Enhanced yield and product quality
- Maximize full economic potential of land
- Energy bill conservation

Environmental

- Improve air quality
- Reduce soil erosion, improve soil health
- Enhance water quality
- Increase pollinator and wildlife habitat
- Mitigate risks of climate change
- Increase biodiversity

Social

- Increase food access
- Noise cancellation from roads, etc.
- Block and filter pollution
- Visual screens
- Aesthetic landscape
How can ASD help?

ASD's Agroforestry Program can help implement the following practices:

**FOREST FARMING**

Cultivation and/or stewardship of non-timber forest products (NTFPs) in the forest understory. Crops may include:

<table>
<thead>
<tr>
<th>Edible</th>
<th>Medicinal</th>
<th>Decorative</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ramps</td>
<td>Ginseng</td>
<td>Grapevine</td>
</tr>
<tr>
<td>Mushrooms</td>
<td>Goldenseal</td>
<td>Willow Branches</td>
</tr>
<tr>
<td>Pawpaws</td>
<td>Black Cohosh</td>
<td>Pine Cones</td>
</tr>
</tbody>
</table>

**ALLEY CROPPING**

Rows of trees or shrubs planted with herbaceous crops in between in the "alleyways". Crops may include:

<table>
<thead>
<tr>
<th>Trees</th>
<th>Shrubs</th>
<th>Herbaceous</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walnut</td>
<td>Elderberry</td>
<td>Herbs (peppermint)</td>
</tr>
<tr>
<td>Persimmon</td>
<td>Blueberry</td>
<td>Vegetables (beans)</td>
</tr>
<tr>
<td>Chestnuts</td>
<td>Hazelnut</td>
<td>Forages (alfalfa)</td>
</tr>
</tbody>
</table>

**OUR SERVICES**

- Seed to sale training
- On-farm technical assistance and site visits
- Cost-share funding to offset start-up costs
- Commercial herb processing equipment
- Aggregation and marketing services to connect farmers with premium markets

**CONTACT US!**

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