

Goodbye Lawn-Hello Garden

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1

For More Info



2

Organic Roots

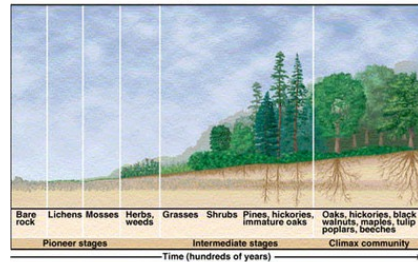


3

Ecological Succession

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Primary succession



4

Root-feeding Nematode

- Fungal Hyphae ensnaring a root feeding Nematode to keep it from root



5

Dutch White Clover

- Requires less water
- Puts nitrogen in soil
- Works best in a blend
- Bees love it!
- 4% = 1 fert application
- Repels beetles and grubs



6

Dutch White Clover Warning!

- Honeybees use clover and carry diseases that native bees have no defense against.
- Clover can become invasive in a landscape.



7

Buffalo Grass

- Native
- Best if seeded
- Likes hot dry soil
- Boulevards and South slopes



8

All Native Bee Lawn

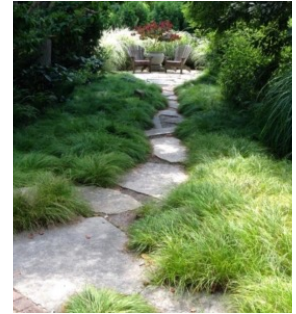
- Buffalo and blue grama grasses
- Native forbs like blue eyed grass, pussytoes, calico asters, and more.
- Plugs or seed for flowers.



9

Pennsylvania Sedge

- Native
- Sod-forming
- Likes dry shade
- Other sedges work too.



10

Prairie Drop Seed

- Native
- 4 season interest
- Great with other plants
- Tolerates dry soil after established



11

Reduce with Natives



12

Soil Prep

- Solarization
- Occultation
- Organic herbicide kill all
- Turf removal and till
- Sheet composting



13

Solarization

- Takes months
- Degrades into Parkinson's causing compounds, so don't use on food producing areas
- Kills beneficial soil microbes
- Kills weed seeds



14

Occultation

- Uses black plastic
- Blocks light for a full season
- Weed seeds survive
- Anything plastic imparts toxins into soil, some cause Parkinson's



15

Organic Herbicide

- Kills everything it touches
- Molasses and clove oil
- May need repeat applications
- Need citric acid to lower pH of water
- Should be re-certified organic soon



16

Strip and Till

- Cut sod, take to compost site, return with compost, and till
- Plan to use erosion control to hold soil and seed



17

Sheet Compost

- AKA Lasagna gardening
- Smothers most vegetation
- Enriches soil and builds beneficial soil food web



18

Water area day before.

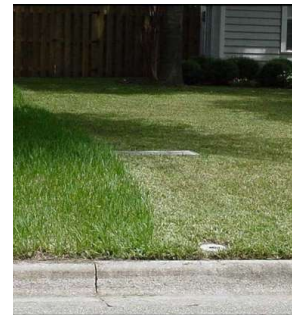
- Give it an inch before working.
- About 2 hours irrigation time.



19

Cut 'er down!

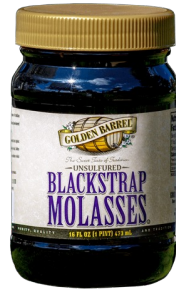
- Mow short and leave clippings.
- Slash vegetation and leave it.
- Remove woody material if needed.



20

Molasses

- Mix $\frac{1}{4}$ cup molasses with 2 gallons of water.
- Sprinkle over 300 sq. ft. area.



21

Add Compost

- $\frac{1}{4}$ " to 1" quality compost.
- Many composts from big box stores have been pasteurized and are no good.



22

Cardboard!

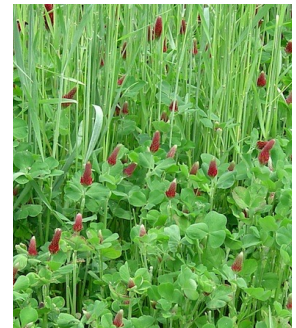
- Use clean cardboard.
- Remove labels, tape staples.
- 2 or 3 layers thick.
- Overlap so no bare spots.
- Soak it after laying to hold it in place.



23

After cardboard

- Add soil/compost 1"-2" thick.
- Seed with your choice of seed
- Or mulch to plant starter plants
- Tap-rooted and tuberous plants survive, but pull easy



24

Canadian Thistle

- Chop and drop
- Sheet compost
- Surviving plants are easy to pull



25

Sheet Mulched + 60 days



26

Thistle Residue



27

Thistles to Natives



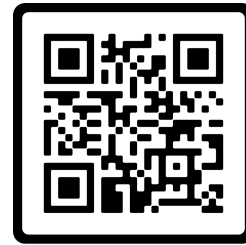
28

Easy Sheet Compost

- Cut down existing vegetation. Remove large woody material.
- Spray or sprinkle a solution of ¼ cup un-sulfured molasses to 2 gal. of water over a 300 sq. ft. area.
- Apply ¼” to 1” of quality compost.
- Lay 2 or 3 layers of clean brown cardboard, free of tape and labels. 30 sheets of newspaper works too.
- Water every layer thoroughly.
- Can top with soil and cover crops or mulch.
- Best results in August and let it work over winter.
- Can be done in spring for fall planting.

29

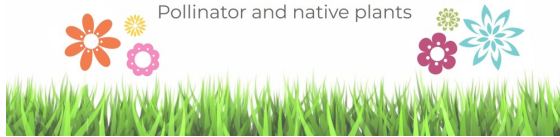
For More Info



30



OB Gardens Lawns to Legumes Pollinator and native plants

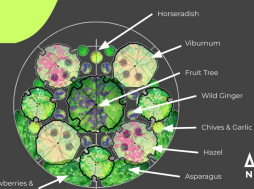


31

Add Native Plants For Pollinators

Fruit Tree Guild

Planting in full sun and creating its own shade, this Fruit Tree Guild is its own self-supporting ecosystem. At least two guilds of the same fruit tree species is required on the property to ensure pollination. Each different plant type offers support to the others present by means of providing nutrients and moisture. All installed plants produce edible flowers, leaves, berries, or fruit to be enjoyed by homeowner and local wildlife, alike. Requires minimal maintenance and watering once established.



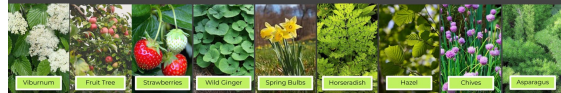
Sun: full



Moisture: medium



Attracts:



32

Goodbye Hellstrip

Sunny Boulevard

Moisture: med-dry Sun: full sun

Specially designed for the toughest growing conditions seen in Minnesota: the residential boulevard. **Plant selection thrives in full sun, hot/dry soil, and tolerates periods of drought and winter salt.** Mainly native grasses and flowering perennials blooming May-October. **Varying plant heights meet municipal restrictions.** Requires minimal maintenance or water once established.

Attracts:    



33

Tough Shade

Shady Boulevard

Moisture: med-dry Sun: 2 shade-pl shade

Specially designed for the toughest growing conditions seen in Minnesota: the residential boulevard. **Plant selection thrives in full shade, dry soil, and tolerates periods of drought and winter salt.** Mix of shrubs, ferns, and flowering perennials blooming Apr-Aug. **Varying plant heights meet municipal restrictions.** Requires minimal maintenance or water once established.

Attracts:   



34

Make a Small Difference

Pollinator Garden (dry)

Moisture: med-dry Sun: full sun

Specially designed to bring life back to the residential landscape. This **100% native plant selection** thrives in full sun and can handle soil drying out. **2 flowering species in spring, summer, and fall,** you'll have plenty of time to catch nature's little friends in action. Requires minimal maintenance or water once established.

Attracts:    



35

Pollinators Everywhere

Pollinator Garden (mesic)

Moisture: medium Sun: full sun

Specially designed to bring life back to the residential landscape. This **100% native plant selection** thrives in full sun and is an option for areas with more moderate moisture levels. **2 flowering species in spring, summer, and fall,** you'll have plenty of time to catch nature's little friends in action. Requires minimal maintenance or water once established.

Attracts:    



36

Creeping Charlie Repellent

Deep Shade Understory

Moisture: med-dry Sun: f:shade-pt:shade

Specially designed for the encroaching forest floors in our own backyards. Plant selection thrives in full shade, dry soil, and tolerates periods of drought when your trees are making soil moisture scarce. Mix of sedges, ferns, and flowering perennials blooming Apr-Aug. Requires minimal maintenance or water once established.

Attracts:   



37

Hold Your Ground

Hosta & Fern Glade

Moisture: med-dry Sun: full-part shade

A common and recognizable solution for those difficult, shady spots around our yards. Plant selection thrives in full shade, dry soil, and tolerates periods of drought when your trees are making soil moisture scarce. Mix of ferns and flowering perennials blooming Apr-Aug. Requires minimal maintenance or water once established.

Attracts:   



38

Sun Cover

Dry Sun (perennials)

Moisture: med-dry Sun: sun-pt:sun

- Perennial options thrive in full sun to part sun, med-dry soil, drought
- Adds color and interest to the sun-beaten site
- Distinctive, self-establishing species make maintenance a breeze

Attract:   



39

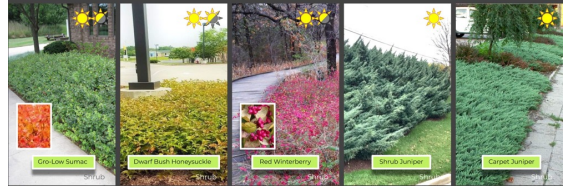
Shrub Love

Dry Sun (shrubs)

Moisture: med-dry Sun: sun-pt:sun

- Shrub options thrive in full sun to part sun, med-dry soil, drought
- Add color and interest to the sun-beaten site
- Distinctive, self-establishing species make maintenance a breeze
- Shrub options provide essential shelter for garden creatures

Attract:  




40

Lowland Plants

Wet Shade Moisture: wet-med Sun: f:shade-pl:shade

- Plant options thrive in full shade to part shade, wet-med soil
- Bring a variety of texture and form to the shaded landscape
- Distinctive, self-establishing species make maintenance a breeze

Attract:    



41

High and Dry

Dry Shade Moisture: med-dry Sun: f:shade-pl:shade

- Plant options thrive in full shade to part shade, med-dry soil
- Bring a variety of texture and form to the shaded landscape
- Distinctive, self-establishing species make maintenance a breeze

Attract:    



42

For More Info



 SCAN ME

43

Premium Raised Beds



- Long lasting, over 10 years
- No hardware- just stack up
- Sides are plantable
- Great for strawberry or potato towers
- Easy to hoop for season extension

44

Affordable Raised Beds

- Recycled, heat treated wood, stackable
- Available at Egg Plant <http://www.eggplantsupply.com>
- Also at Agrarian Supply <https://agrarianseed.com>



45

Sheet Compost

- Sheet compost, add 2" soil, plant shallow veggies like greens
- Follow with deeper rooted plants in 45 – 60 days



46

Resources

- beelab.umn.edu bee lawn info
- www.beyondpesticides.org pesticide info
- www.prairiemoon.com seeds and supplies
- www.prairienursery.com seeds and supplies
- www.bluethumb.org for lots of turf alternative info
- www.xerces.org pollinator info

47

More Resources

- Organic Bob LLC DIY products and support
- Composted dairy manure (Cowsmo brand)
- Bagged compost: Mississippi Top Soils, Hsu's and Cowsmoo
- Weedslayer at allstatesorganicsupply.com
- Bee Lawn Seed Twin City Seed Co on Amazon
- Native flower bee lawn seed from Twin City Seed
- All Native Bee Lawn from Organic Bob LLC

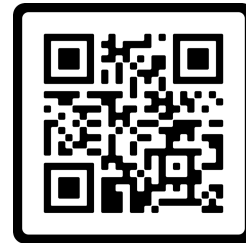
48

Other Resources

- Board of Water and Soil Resources Garden Designs and lots of info <https://bwsr.state.mn.us/121>
- Organic Bob LLC Native Gardens, All Native Bee Lawn, and Alternative Turf <https://organicbob.com>
- Twin City Seed Bee lawn seed

49

For More Info



50

Food & Family Security



51

Need Help?

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52