



Yankton
Seed Library

Presented by Missouri Valley Master Gardeners



Proactive Planting



Preventing Problems

- Grow plants in healthy soil
- Choose disease-resistant varieties
- Don't overcrowd plants
- Mulch to control moisture levels and reduce weeds
- Practice crop rotation
- Inspect your plants & address problems before they get out of hand



Preventing Problems

- Garden vertically
- Practice companion planting
- Be sanitary—wash hands; clean shoes
- Clean & disinfect garden tools
- Clean up your garden in the fall



Vertical Gardening

- **Advantages**
- make the most out of limited space
- plants have greater access to sunshine
- reduced risk of disease
- weeding and watering become easier
- easier to harvest



What to use for growing “up”



- Ladders
- Attachments to divider fence
- Trellises
- Cages



Poles



Tomatoes tied to poles



Pole beans on poles
wired together

A-frames



- Bamboo canes or trimmed branches



- Fencing (hog or cattle panels are strong)

Archways

- Fencing on a frame
- Cattle panels
- PVC pipe frame



Supporting heavy vegetables

Soft, stretchy fabrics:

- Old nylon stockings
- Mesh bags
- Tie to frame of trellis



Go all out—build your own

Harry's Garden, Portland OR

- Permanent raised beds
- Bent electrical tubing
- PVC pipe
- Nylon webbing



Blocking Access to Your Garden

Fencing

- Bury about 1' of your fence underground to block burrowing animals
- deer fence will need to be around 8' tall, deer look for a safe place to land before jumping

Build raised beds in your garden

- At least 2' off the ground will keep most rabbits out
- Add a bottom layer of mesh fencing to your raised bed will keep burrowing animals out

Create covers for your plants



Include plants that deter animals

- **Aromatic**

- Sage
- Mint
- Rosemary (zone 6)
- Dill
- Oregano
- Lavender (zone 5)
- Catnip
- Garlic
- Silva
- Peonies
- Bearded Iris



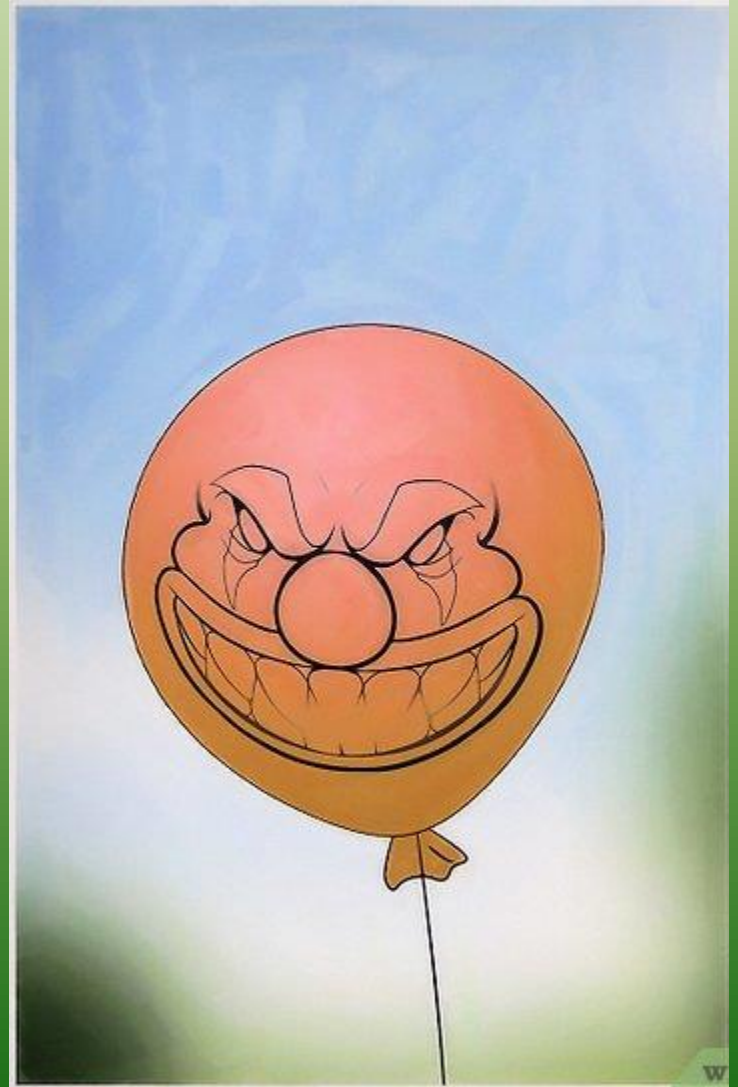
Texture

- Lambs Ear
- Allium
- Artemesia
- Baptisia
- Buddleia
- Digitalis
- Miscanthus
- Monarda
- Pennisetum
- Rugosa roses
- Salvia
- Viburnum



Keep birds away from your garden

- Shiny balloons on posts around your garden
- Fishing line or black thread throughout your garden



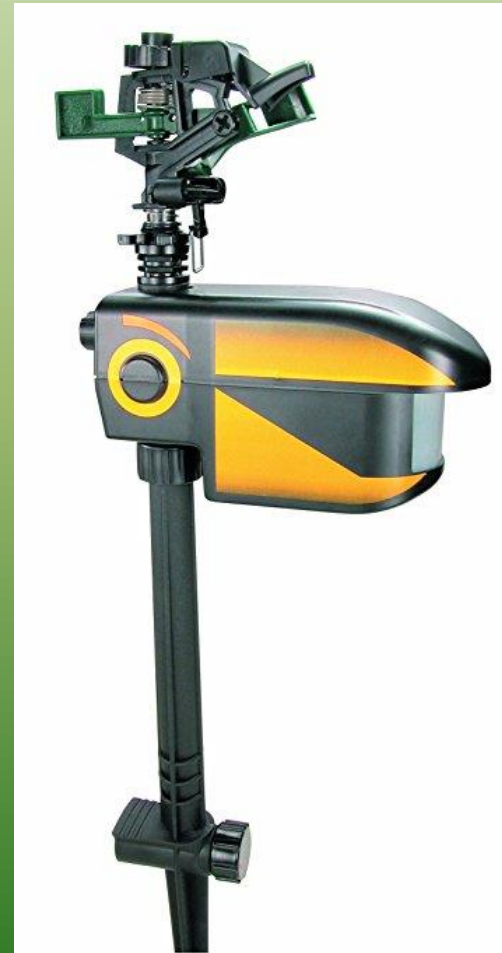
Get rid of slugs and snails

- Diatomaceous Earth (DE), a powder containing tiny sharp fragments that hurts snails and slugs
- Beer trap buy pouring beer into a shallow container
- Copper barrier
- Red clover as a sacrificial plant



Motion Sensors

- Modern Scare Crows



Cats

- Cover the soil with uncomfortable material
 - Rough-textured mulch
 - Prickly pinecones
 - Pebbles and stones
 - Chicken wire
- Place sticks in the soil
 - plant stakes,
 - chopsticks,
 - approximately ten inches in length
place every eight inches



Resources

Building trellises (Harry's Garden):

<http://www.harrysgarden.org/presentations.html>

Grande, M., Companion Planting: The Beginner's Guide to Companion Gardening, 2014.

Growing beans: <https://www.thespruce.com/how-to-grow-green-beans-1403459>

Landscape Plants Rated by Deer Resistance

<https://njaes.rutgers.edu/deer-resistant-plants/>

Vegetable of the Month: Beans

