

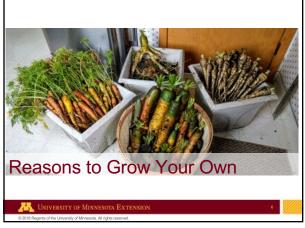
PART 1: PREPARING A GARDEN

- Benefits of growing food
- The needs of a garden
- Preparing your garden
- Garden tools



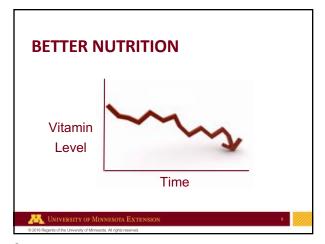
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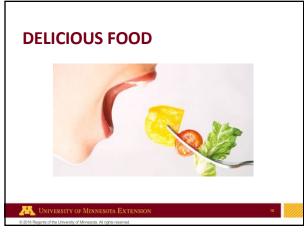
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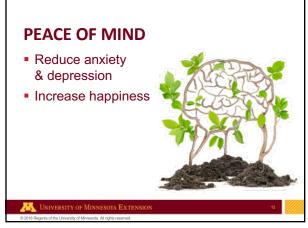




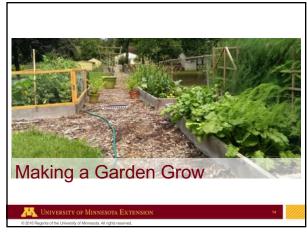


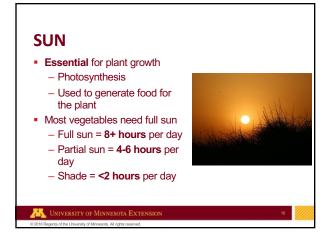












WATER

- Essential for plant growth
 - Moves nutrients into & through plants
- Water in the morning
- Use clean water
- Apply to the roots; **NOT** the leaves
- Water deeply and as needed
 - Feel the soil (3+ inches down)
 - Count to 5



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SOIL

- Important for plant growth
 - Supports roots
 - Provides nutrients
- Texture affects watering
 - Sandy = more frequent water
 - Clay = poor water drainage
- Structure can be improved with compost



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COMPOST

- Good for plant growth
 - Improves soil structure (air circulation & water penetration)
 - Adds more nutrients
- Make your own OR
- Use Ramsey County compost
 - https://www.ramseycounty.us/ residents/recycling-waste/ collectionsites/yard-waste



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PLANTS

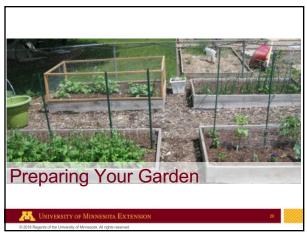
- Good for the gardener
- Recommendations
 - Grow what you like
 - Have a plan
 - Do I eat it fresh or cooked?
 - Can I preserve it? How do I store it?
 - What can I do with any extra?



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FIND A LOCATION

- Full sun recommended
- Near water source
- Easy access
- Within sight



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PICK A GARDEN TYPE

- In-ground
- Raised beds
- Containers



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TYPES: IN-GROUND GARDENS

- Benefits
 - Easy to start
 - Ground controls water & temperature



- Considerations
 - Unknown soil condition
 - More weeds
 - May require fencing

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TYPES: RAISED BEDS

- Benefits
 - Minimal weeds
 - Ground controls water & temperature
- Considerations
 - Space restrictions
 - Need to build it
 - Need to fill it



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TYPES: CONTAINERS

- Benefits
 - Can be moved with sun
 - Can be moved to avoid frost
 - No weeds
- Considerations
 - Need more frequent watering
 - Needs regular fertilizing
 - Susceptible to temperature changes



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GARDEN DESIGN BASICS

- Start small
- Dimensions
 - Keep 10+ feet away from homes
 - Arrange beds east-to-west
 - 3-4 feet wide beds
 - 2-foot wide paths
 - Research mature size of vegetable



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SOIL IMPROVEMENTS

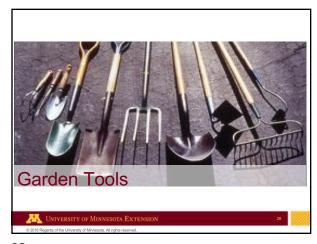
- Test your soil
- If necessary
 - Add new soil
 - Add compost & amendments
 - Till new in-ground gardens*





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CARING FOR GARDEN TOOLS

- During the season
 - Remove dirt & plant material
 - Allow to dry before next use
- At the end of the season
 - Sanitize with 1:10 bleach solution
 - Sharpen shears & shovels
 - Store in a clean location



SOIL TEST http://soiltest.cfans.umn.edu/_ (\$17) Learn about your garden soil - Texture - Structure - Nutrient levels - pH - Recommendations to improve soil conditions





GARDEN RESOURCES
GANDEN RESOURCES
U of MN Extension:
 https://extension.umn.edu/yard-and-garden
Ramsey County Diagnostic Clinic:
 http://www.ramseymastergardeners.org/index.php/ events/diagnostic-clinic
Ask An Expert Hotline:
http://www.extension.umn.edu/garden/ask/
Ramsey County Yard Waste Sites:
 https://www.ramseycounty.us/residents/recycling-
waste/collection-sites/yard-waste_
U of MN Soil Test Services:
http://soiltest.cfans.umn.edu/_