







Organic Matter

- Improves physical condition of the soil as it decomposes into humus
- Supplies nitrogen
- Improves water infiltration shrinks and swells

•Add 3 inches of organic matter on top of the area you intend to plant •For increased drainage, add 1 inch of gritty sand •Thoroughly mix to a depth of 10 inches





Tree Planting



- Loosen a wide area for root expansion
 - At least 6 ft. across
 - Adding organic matter is not as important as giving the roots room to easily grow.
- Dig hole in center no deeper than root ball
- Locate flare roots
 - Should be level with surrounding soil after planting











Tree Planting • Check for girdling roots

































Tree Planting

- Water thoroughly (10 gallons applied at base of trunk)
 - www.outdoorwateruse.com
- Mulch



How Much Mulch?



- •Wood chips or bark: 2 inches deep
- •Pine straw: 3 to 5 inches deep is sufficient
- •2 bales of pine straw covers approximately 100 sq. ft.
- •14 2 cubic feet bags of mulch covers 100 sq. ft.

















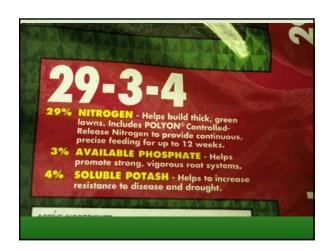












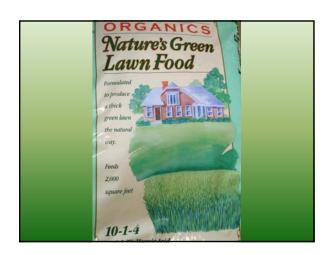


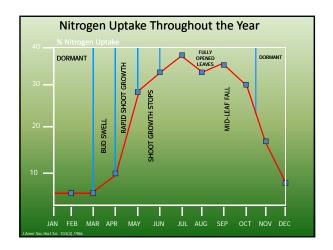












Fertilization Frequency

Depends on:

- The type of fertilizer and its release duration
- The type of plants being fertilized
- The desired growth rate

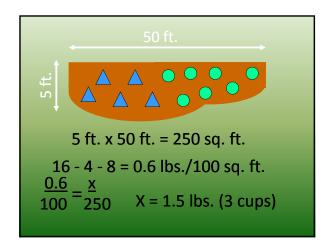
Fertilizing Established Plants How Much to Apply?

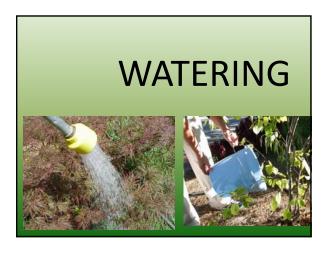
1 pound of nitrogen per 1,000 square feet

16-4- 8

10/16 = 0.6 lbs. per 100 sq. ft.

2 cups of dry, granular fertilizer = 1 lb.
Therefore, approximately 1 cup (1/2 lb.) of
16-4-8 will be needed per 100 sq. ft. of
bed area.





Rules of thumb for irrigation

- Shrubs: up to once a week apply one gallon of water per foot of plant height
- Lawns: up to once a week up to one inch per application
- Trees: up to once a week one inch of water under entire canopy





Adjust timers frequently according to changes in rainfall patterns



Target irrigation to plants that show signs of stress

- Gray/green Color
- Wilting
- Dying Branches

Use a hand-held hose with water breaker or a sprinkler can to target irrigation to plants that need water

For most efficient use of water, irrigate between 9 pm and 9 am to avoid evaporative loss of water.

Avoid light, frequent irrigation because it encourages shallow rooting and increases water demand of the plant.







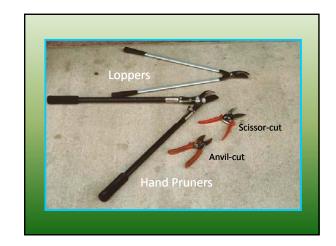




















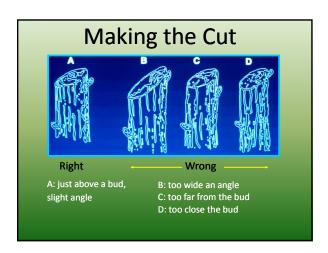
















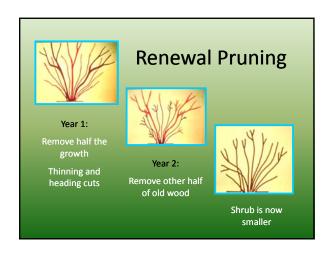




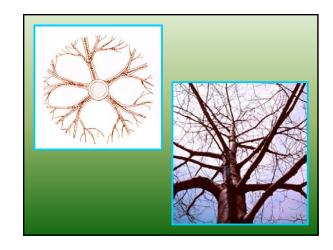




















Spring vs. Summer Flowering

Prune spring-flowering plants after they bloom

Prune summer- flowering plants before new growth begins

Spring Flowering Plants

- Azalea
- Dogwood
- Forsythia
- Redbud
- Oakleaf Hydrangea
- Rhododendron
- Flowering Cherry
- Bradford Pear
- Flowering Quince
- Wisteria

Summer Flowering Plants

Crapemyrtle
Glossy Abelia
Goldenrain Tree
Rose-of-Sharon (Althea)

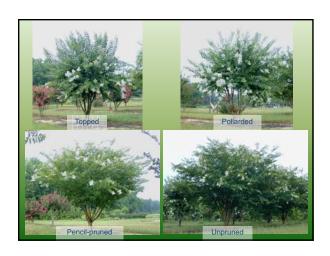
Nandina Shrub Roses Sweetshrub



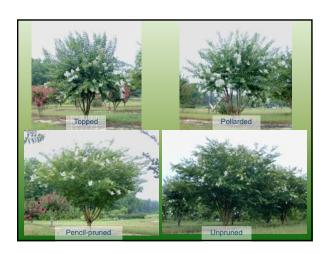












What's the "right" way to prune crapemyrtle?

- To avoid constant, severe pruning, plant the right-sized cultivar for the plant's location in the landscape
- To minimize plant structural damage and risk of disease, leave plants unpruned
- Otherwise prune according to your preferences for winter appearance and summer appearance

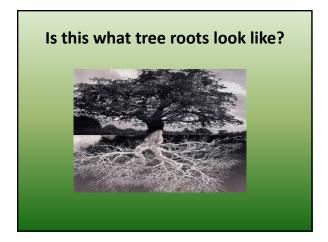


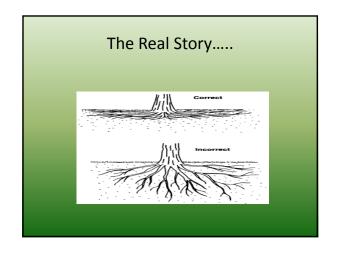
Green Thumb Tips

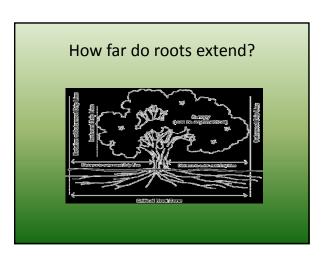
- Right plant in right location
- Pruning is local in effect
- Thinning cuts are best
- Do not prune in the fall
- Use three cut method when pruning trees
- Wound dressings are not necessary
- Prune spring flowering plants after bloom
- Prune trees early in life to set up growth
- Keep pruning tools sharp and clean



TREE CARE













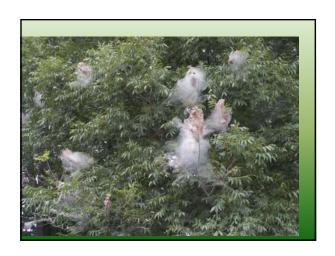




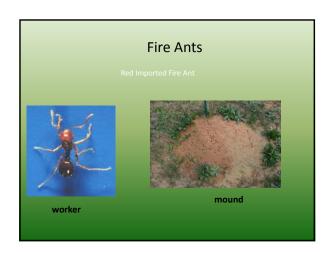














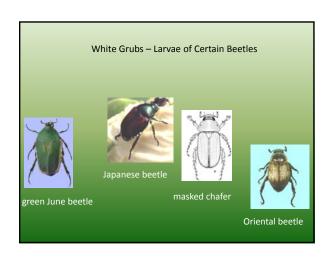














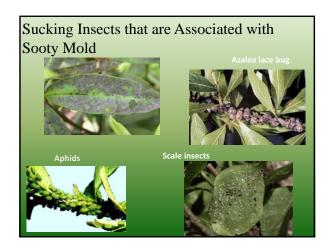
























<u>Incorrect watering</u> is the most common cause of lawn disease.

Grasses are amazingly tolerant of dry soil – water only when grass looks wilted.

Water before 10:00 a.m.

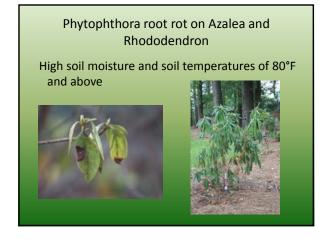
Water deeply (1 inch) once per week if no rain.



Fire Blight

- Affects apple, pear, crabapple, pyracantha, quince, blackberry and raspberry.
- Over winters in cankers
- Spread during bloom by insects





















Two Kinds of Weed Leaves

Broadleaf

dandelion, clover, chickweed, etc

Grassy

crabgrass, goosegrass, dallisgrass, etc





Two Kinds of Weed Behavior

Annuals

crabgrass, goosegrass, clover, chickweed, etc

Perennials

dandelion, dallisgrass, onion, etc

Two Strategies for Control

Prevent the seeds from germinating crabgrass, goosegrass, clover, chickweed, etc

Kill the existing weed dandelion, dallisgrass, onion, etc.























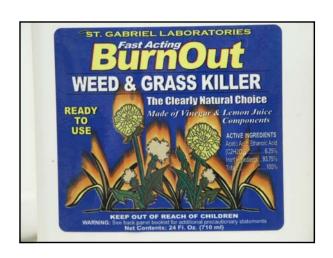














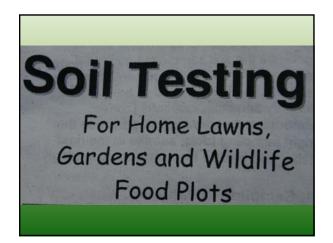
















Lawn Mowing

Mowing height (in inches)

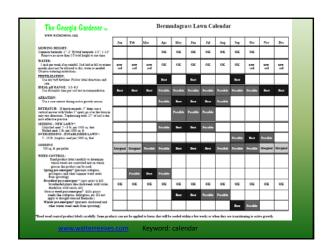
Tall Fescue 2-3
Common bermudagrass 1-2
Hybrid bermudagrass 0.5-1.5
Zoysiagrass 1-1.5
Centipedegrass 1-1.5
St. Augustinegrass 2-3

Centipedegrass and zoysiagrass are particularly sensitive to being mown too high or too low.















Where's Walter?

- AM 750 WSB "The Lawn and Garden Show" Saturdays 6:00 a.m. 10:00 a.m.
- Atlanta Journal and Constitution "Weekend Gardener" Thursday in the Living section
- GPTV "Gardening in Georgia"
 Wed. at 7:00 p.m., Sat. 12:30 p.m. and 6:30 p.m.
- The Georgia Gardener website www.walterreeves.com
- "Georgia Gardener" email newsletter (every two weeks) Sign up at www.walterreeves.com
- Books (signed and inscribed!)
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