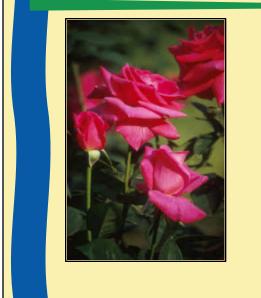


An Introduction to the Program

## What is the Carolina Yards & Neighborhoods Program?

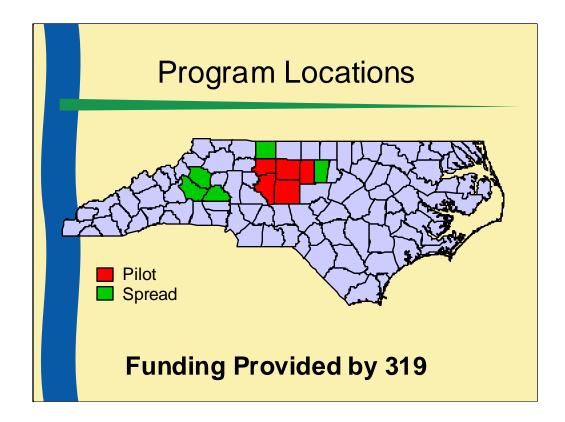


- Beautification
- 9 Easy Principles
- Low Maintenance Landscaping with Nature in Mind
- Cost Savings
- Preservation of our Water Resources

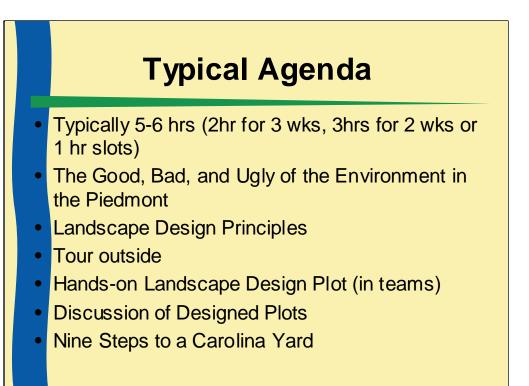
CY&N is a landscaping program designed to teach people in a simple way how to efficiently maintain their lawns and protect the environment at the same time. The biggest benefit is the cost savings to you by decreasing the amount of time it takes to care for lawn, use less water and chemicals, and requires less replacement of plants because you'll use the right plants.

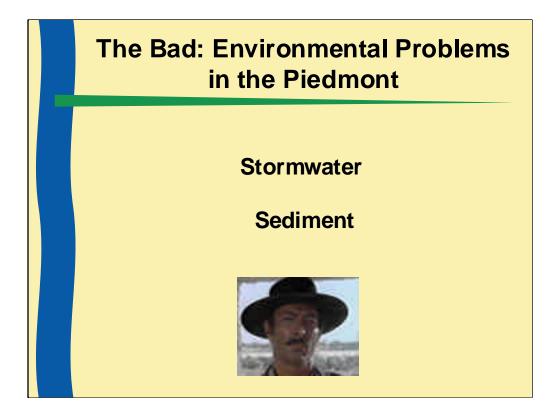


This program will be advertised in the Piedmont and then implemented statewide with the Cooperative Extension Service in each county.

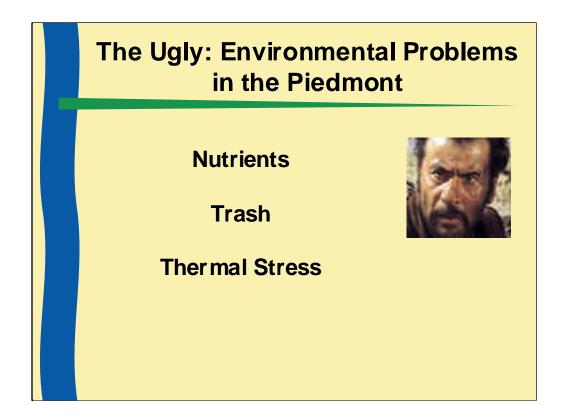


Red are the pilot areas for the program and green counties are locations where Extension agents are doing the program. A new grant has been applied for to take the program statewide.

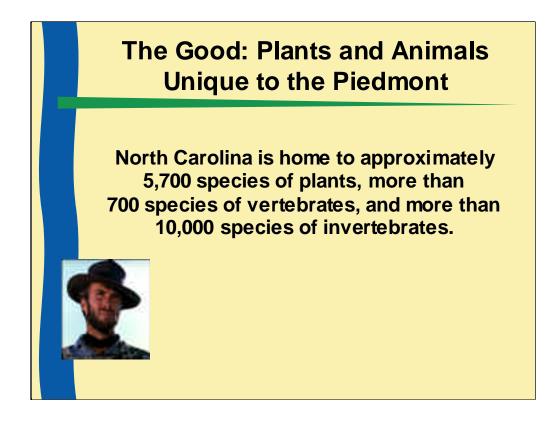




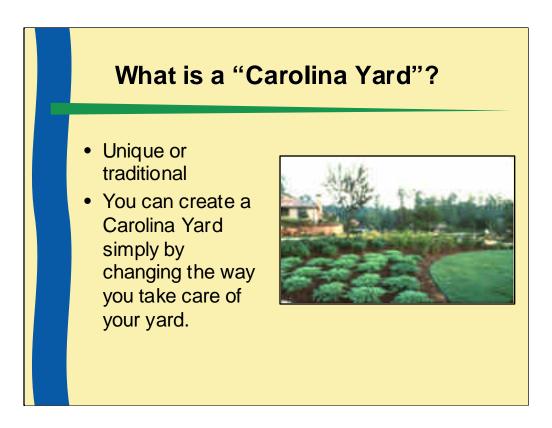
Unfortunately there are many problems that can affect our waters.



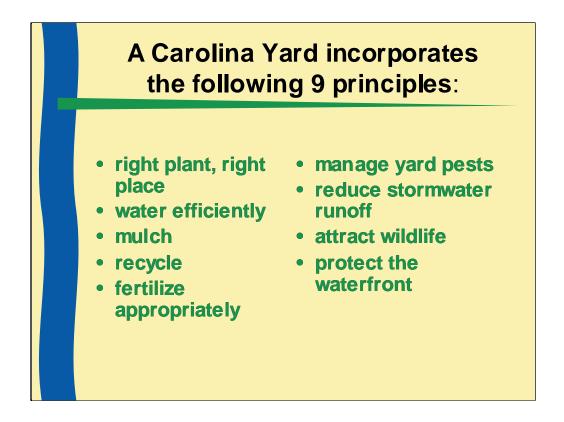
We also have ugly, unflattering problems in the piedmont.



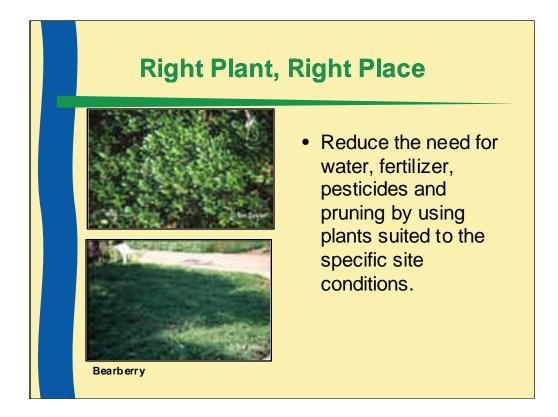
Thankfully we also have more than 5700 plant species and over 17,000 animal species.



You can design your landscape with a traditional look such as an English garden..... or simply as a native plant butterfly garden. Think about your goals with this yard: do you want well-manicured or low maintenance, do you want to attract certain wildlife or even no grass to mow at all?



Once you figure out your goals for your landscape you can use these 9 basic concepts to incorporate A Carolina Friendly Yard (*Read text from slide*.)



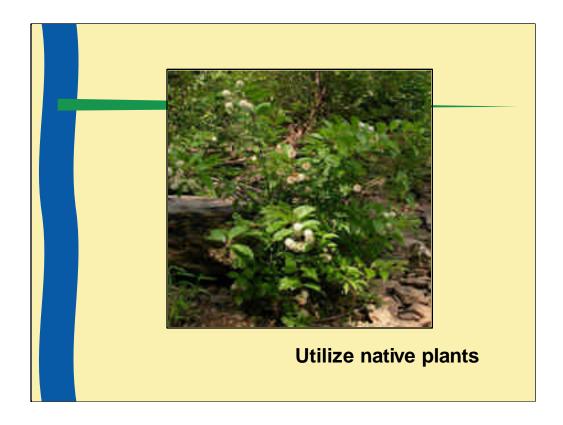
It is important to reduce time, energy and money by selecting plants that are most appropriate for the area that you wish to landscape.



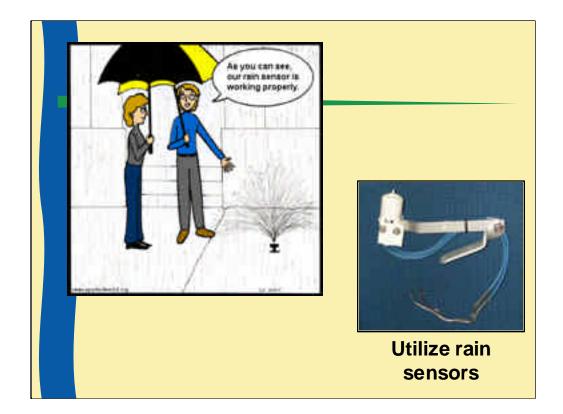
These plants were selected for their love of sunlight and their low watering requirements. When fully developed, this landscape will use a fraction of the water needed for a yard with grassy areas.



Water quality and quantity are very important factors for the CY&N program. We can reap more benefits to ourselves and the environment by using the proper amounts of water.



When appropriate, it is important to utilize plants that are native to Carolina, or plants that do not require a lot of care or inputs.



Water conservation also includes utilizing rain shut off gauges with automatic irrigation systems.



Mulching is an important principle and can provide great benefits to your landscape.



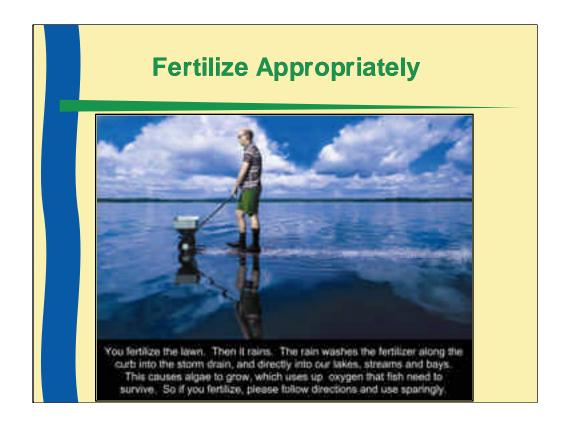
There are many different types of mulch; pine needles, grass clippings, leaves and shredded yard waste are just a few examples.



Recycling the yard waste, by composting it, results in less organic material in the landfill and saves you money by becoming a soil nutrient additive. One does not have to have a complicated composter to obtain healthy compost. This simple wire structure will allow material to compost as well as the more sophisticated ones.



Rain barrels can capture enough rainfall to water your garden. Cisterns can be used to flush toilets and wash garbage trucks and other city vehicles.



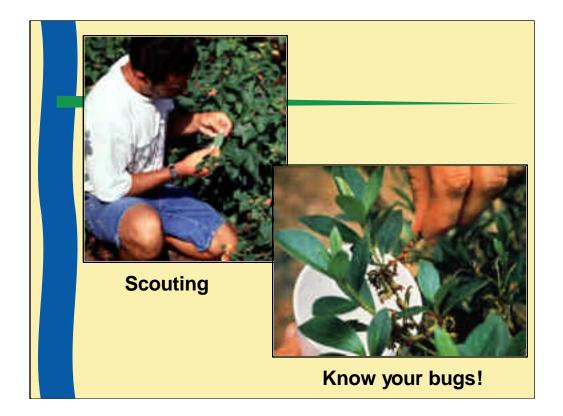
Inappropriate fertilizing is one of the main problems that we encounter when it comes to homeowner lawncare.



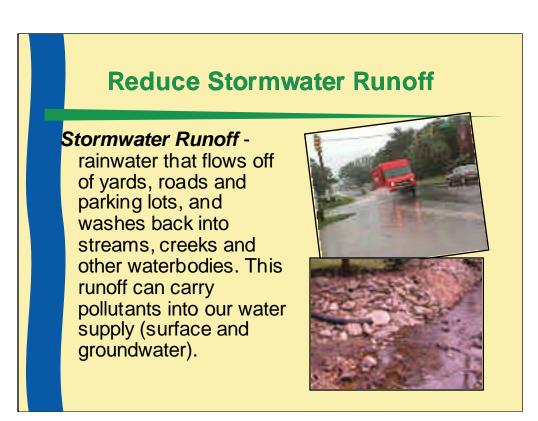
Pest management is another principle of the CY&N program. The goal with this principle is to reduce the dependency on the chemical pesticides that might be winding up in our water supply.



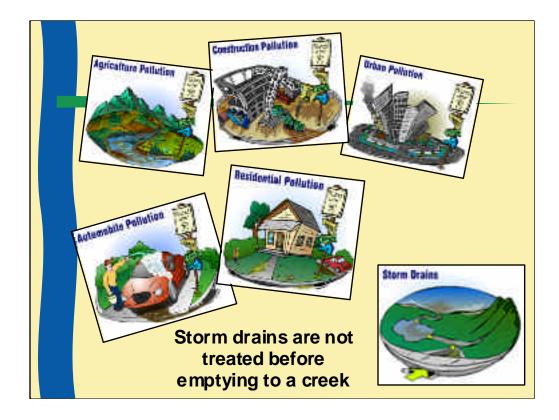
If it becomes necessary to use a pesticide, it is important to remember that there are many bio-controls that will be less harmful to you and the rest of your garden.



Integrated Pest Management is a principle that can help reduce the use of pesticides. Instead of pulling out the pesticide every time there is a bug, it is important to know if the bug is really harmful.

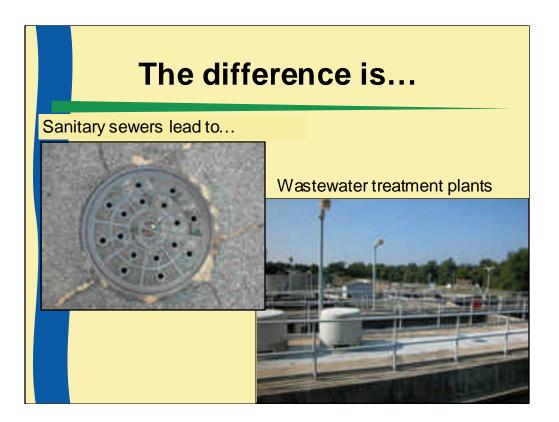


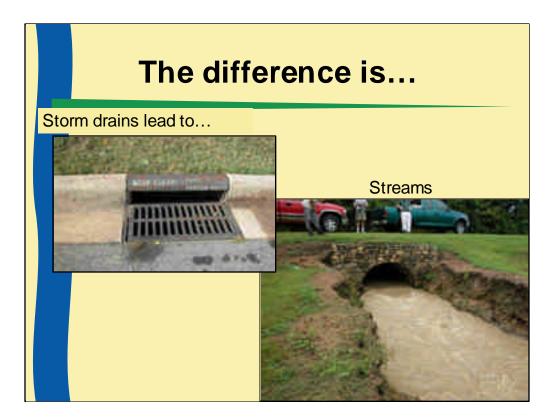
Stormwater runoff is considered the primary polluter of surface water. Everything, including car oil, fertilizers, pesticides, soil, pet waste, and trash is carried away to the nearest body of water.



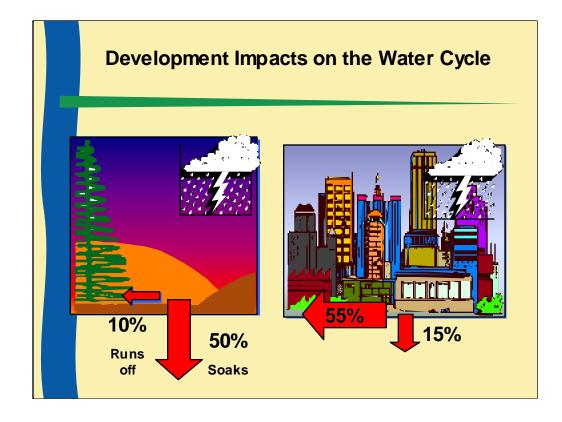
Most of the stormwater runoff comes from things we do and travels to our waterbodies via the stormdrain.



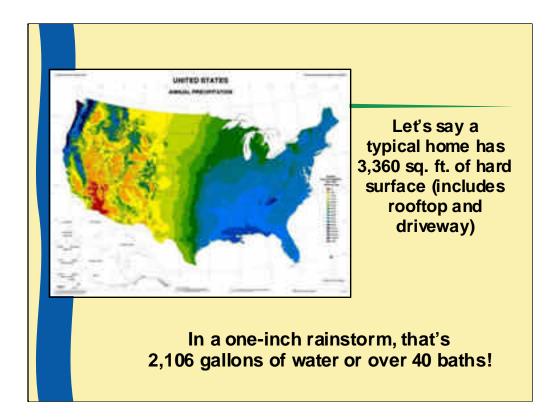








When rain falls on a natural environment it can either soak into the soil or it can runoff into the surface water. Unfortunately, with increased urbanization, the rain encounters more and more concrete and other hardened surfaces which do not allow for infiltration of water into the soil.



We live in an area that receives over 40 inches of rainfall a year, often in a limited time frame. With that you have a tremendous amount of water entering our system looking for a place to go. So what happens when all this rain falls on impervious surfaces? Note: The square footage was calculated from a **40x60 ft. rooftop with a 24x40 ft drive way**.



If stormwater has to flow, we need to find ways to slow it down so that it has more time to infiltrate into the soil thereby diminishing its runoff effect.



Another principle in the Carolina Yards program is to provide food, shelter and protection for wildlife.

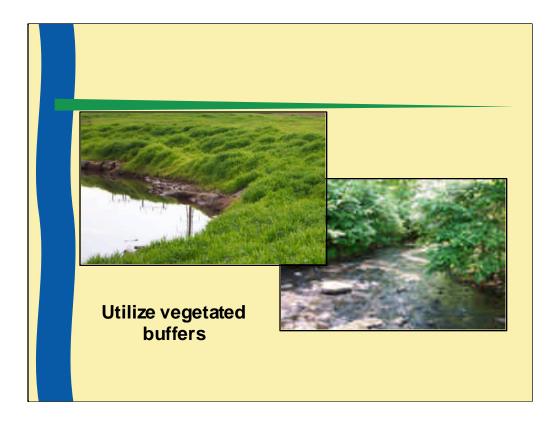


Practices can be as interactive as planting a butterfly garden, putting up a hummingbird feeder, a birdbath.....

.....or adding a birdhouse. It can also be as simple as leaving something that already exists in place so that the wildlife can continue living there.



The final CY&N principle is to protect and maintain waterfront areas. For those of you that live on or near a waterbody...it is important to reduce pollution and degradation to that area whether it be a pond, lake or stream.



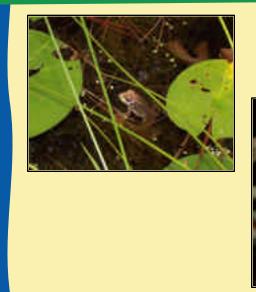
Low-maintenance or native plants should be planted around water areas to reduce pollution and runoff.



Read text from slide.



(*Read text from slide.*) Perhaps you do not feel connected to Carolina's environmental concerns. However, natives and nonnatives alike, need to remember the things that attract us to the Carolinas. We must realize that only our intervention will help preserve the quality of life that we appreciate so much. CY&N is a landscaping program designed to teach people in a simple way how to efficiently maintain their lawns and protect the environment at the same time.

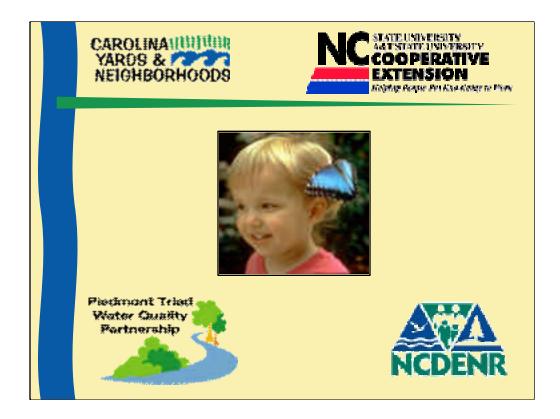




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## Cost Savings Decreases lawn care time Uses less water and chemicals Less replacement of plants (use right plants) Aesthetic Value to Property Provides Wildlife Habitat Conserves and Protects Natural Resources

Read text from slide.



Since the success of this program largely depends upon stakeholder buy-in, across agency cooperation can be encouraged.