



Natuculture: Biomimicry in Urban Landscapes

Enhancing Urban Sustainability through the Application of Permaculture Principles

North Carolina Agricultural and Technical State University

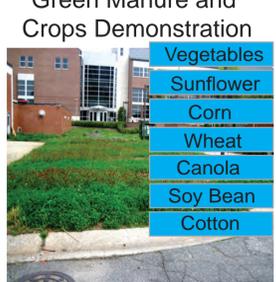
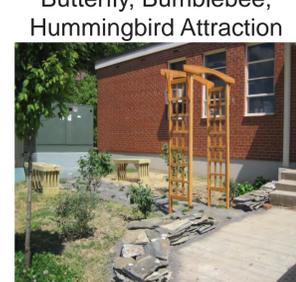
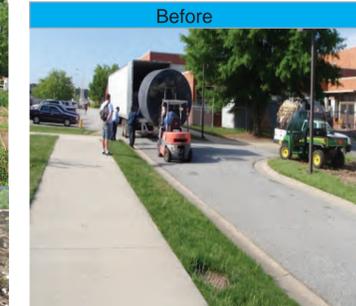
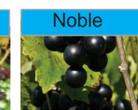
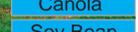
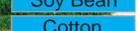
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WHAT IS NATUCULTURE?

Natuculture (pronounced "nāychew" culture) is any human made system that mimics nature in human disturbed landscapes. It is a biologically engineered system design. We converted a lawn, a drug-addicted carpet that has very limited utility, into a living display of a vibrant, biologically diverse, and ecologically complex food producing, water harvesting and cleaning, and carbon dioxide sequestering system with close to zero use of artificial chemicals.

BIODIVERSITY

 Rain Garden	 Bird Feeder	 Fauna	 Legume Crops for Nitrogen Fixation	 Berries
 Sockwell Back Yard	 Bird Pond	 Flora	 Heritage Raspberries	 Thornless Blackberries
 Shiitake Mushroom	 Community Garden	 Vegetables from Community Garden	 Climax Blueberries	 Powderblue Blueberries
 Green Manure and Crops Demonstration	 Butterfly, Bumblebee, Hummingbird Attraction	 Expected Grapes	 Before	 After
 Vegetables		 Jumbo	 Reliance	 Magnolia
 Sunflower		 Higgins	 Noble	
 Corn		 Carlos Bronze	 Dixie	 Concord
 Wheat		 Catawba	 Niagra	
 Canola				
 Soy Bean				
 Cotton				

RAIN GARDEN



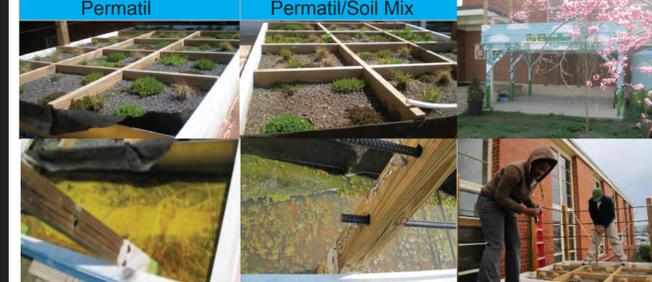
PROPOSED GREEN WALLS



OASIS SOFA



GREEN ROOF



2010 P3 WINNER



ARTISTS' VITAL ROLE



AGGIE PRIDE IN ACTION



NATUCULTURE OUTREACH

