NWACC Nature Area

Plant Biology Projects
Map of NWACC Nature Area
Tall grass prairie wildflowers and grasses

Ohio spiderwort

Showy goldenrod

Blue sage

Western coneflower

Side oats
gramma grass

Switch grass
Tall grass prairie restoration -
Five 8’ X 8’ planter boxes along the fitness trail were planted to tall grass prairie species; stakes with scientific names, common names, and bloom time were placed beside the plants.
Planter 1 with stakes
Fall 2008

- Seed were collected from tall grass prairie plants in planter boxes; seed was ordered from Missouri Wildflowers in Jefferson City, MO.
- Two 8’ X 8’ plots were placed adjacent to Planter Boxes 2 and 3. Plot 2 was sown with seed collected on site; Plot 3 was sown to ordered seed.
- Proposed trail through Post Oak Savannah was mapped out.
- Introduced invasive plant species inventory in Post Oak Savannah was conducted.
Map showing location of Nature Area
2008 Projects
Proposed projects for Spring 2009

Tall grass prairie restoration:

1. Consult with ecology consultant on restoration issues.
2. Monitor planter boxes and plots
3. Identify emerging plants
4. Compare plots: compare planter box seed plot with nursery seed plot as to plant emergence.
5. Weed planter boxes and plots.
6. Find source of tall grass prairie sod and place in new plots. Compare results with seeded plots.

Estimated cost: $1500
2009 Projects Proposed (continued)

- Post Oak Savannah
  1. Identify introduced invasive species to be eradicated.
  2. Physically remove those species that can be removed by digging, cutting.
  3. Apply herbicide using best management procedures when necessary.
  4. Identify site within canopy opening for planting. Prepare seedbed for sowing. Consult ecology consultant for best way to eradicate fescue/bermudagrass and native species to plant. Transplant plants that are possible from planter boxes and seed to tallgrass prairie species.

Estimated cost: $500