



Green Team Meeting

Creating an EcoFriendlier City,
Supporting Health & Wealth for
Huntsville

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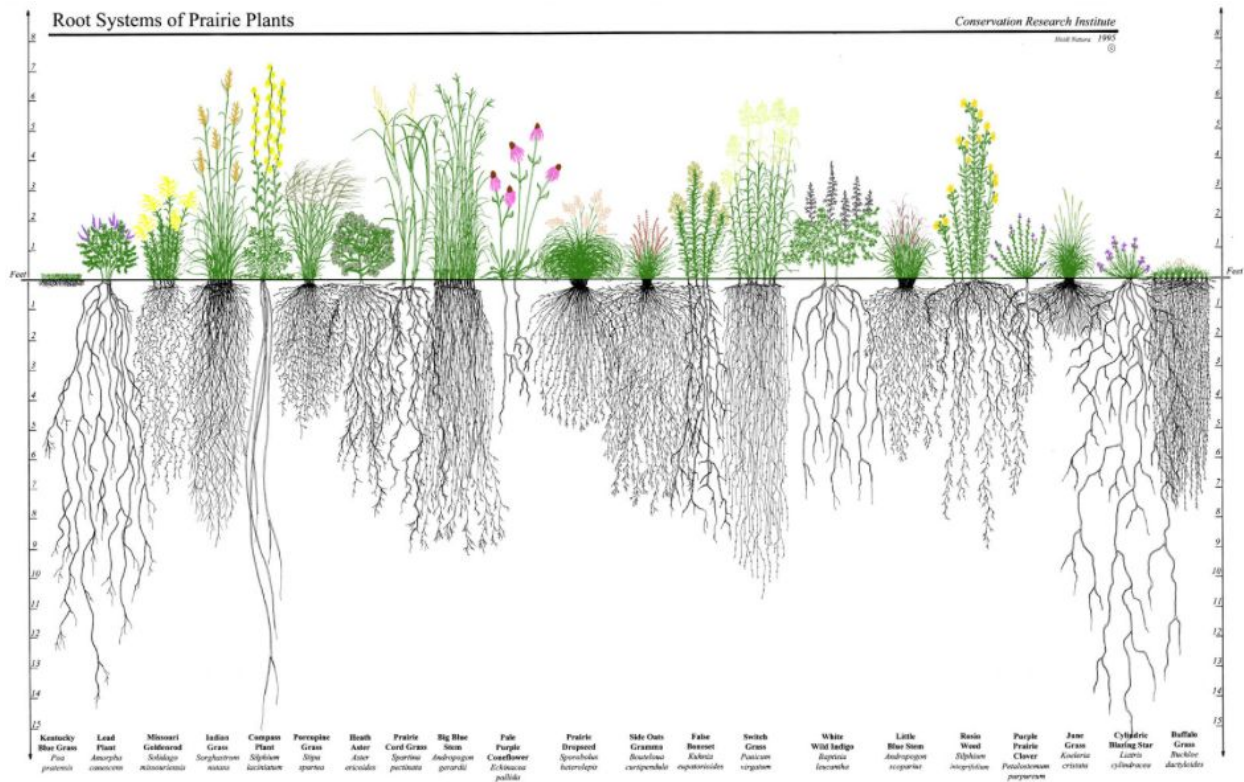
1. Switching to an effective, eco friendly herbicide from the harmful & poisonous glyphosate based herbicides produces more wealth for our farm state & abundant waterways. Pollution all around is a gateway to disease, birth defects, miscarriages, premature death & worse, leaving a constant hole in our social infrastructure & a major tax burden. Eco herbicides does not destroy our bee populations, poison the soil in which other life forms live that's needed for our food supply, instead it preserves our ways of nutritional sources & the ecosystems that surrounds & influences us. Please sample this high rated eco herbicide for our city, Green Gobbler[®].

The harm in glyphosate based herbicides:

- ❖ *Our results suggest that high concentrations of glyphosate are deleterious [harmful often in a subtle or unexpected way] to immature bees*
- ❖ *...caused remarkable histological [tissue structure] damage in the fish gills.*
- ❖ *The extensive use of them increases the potential human health risk, including the human inhalation toxicity risk.*
- ❖ *Negative impact on the body is insidious and manifests slowly over time as inflammation damages cellular systems throughout the body.*
- ❖ *We found RDP [RoundUp[®]] caused concentration-dependent increases in DNA damages and proportion of apoptotic cells in A549 cells.*
- ❖ *The results of the present study suggest GBH exposure during pregnancy [in rats] alters the expression of genes associated with oxidant defense, inflammation and lipid metabolism. It is plausible that maternal GBH [glyphosate] exposure could have lasting neuronal effects on the offspring later in life.*

2. Try Eco friendly pesticides:

- ❖ Wondercide® high rated pesticide that is kid safe, pet safe, & Mom approved. Natural main ingredient, cedarwood oil.
- ❖ Support use of Bat boxes & Dragonfly gardens to create an ecosystem to maintain mosquito population.



3. Work w/ groups such as North Alabama Master Gardeners on creating Native Alabama gardens. Their long root systems cleans & filters groundwater & natural waterways:

- ❖ Decreases use of herbicides
- ❖ Decreases landslides that pollutes waterways
- ❖ Increases natural cleaning of groundwater
- ❖ Increases land beauty
- ❖ Increases education on *planting for clean water*

4. Provide signs to remind park patrons to be responsible & pick up after themselves. Here's a sign I created for the UAH Green Club below to help maintain the cleanliness in & surrounding their pond.

Making our pond
beautiful starts w/ you!
Thank you for using our
waste baskets.



UAH GREEN CLUB

Moving Forward

Bringing awareness & education is key in making our state a clean & healthy one. Opinions have unfortunately taken over our media with little guidance and valuable resources to move forward as a society. We will change that and first we will start with our own habits & eject false information to problem solve at a quicker rate. What we can do right now is start with us, then it will flourish in our neighborhoods, our town, then our government. The transition will take work, especially when it comes to city government switching to eco products that they buy in bulk, it maybe a money issue. There is a higher likely chance of getting the best rate with exchange for marketing referrals. As a business owner, the more trust and awareness in your services/products the better the consistency is in the business, a major role in prosperity building.

The solutions above is a simple shift in the right direction to maintain health in our world that can heal on its own, it just needs us to pay attention and do things differently.

Please consider moving forward with us setting an eco foundation in place for Huntsville.

Thank you.

Sources & References:

LiveScience “Pollution Facts & Types of Pollution”

Entropy “Glyphosate’s Suppression of Cytochrome P450 Enzymes and Amino Acid Biosynthesis by the Gut Microbiome: Pathways to Modern Diseases”

PubMed “Biochemical and molecular impacts of glyphosate-based herbicide on the gills of common carp.”

“Maternal glyphosate-based herbicide exposure alters antioxidant-related genes in the brain and serum metabolites of male rat offspring.

“Incorporating permaculture and strategic management for sustainable ecological resource management.”

American Chemical Society “The Herbicide Glyphosate Negatively Affects Midgut Bacterial Communities and Survival of Honey Bee during Larvae Reared in Vitro”

Blue Thumb, planting for clean water Blue-Thumb.org

Merriam Webster “definition of deleterious” “definition of histological”

Alabama Solutions, a grassroots movement “UAH Pond Signs”