

What do you want to hear about?

- Why Organic (Why not Chemical)
- How to Have a Beautiful Organic Lawn
- Common Lawn Problems & Solutions
- Organic Lawn Care Calendar

A Few Weeds Won't Kill You....



But a few chemicals just might!







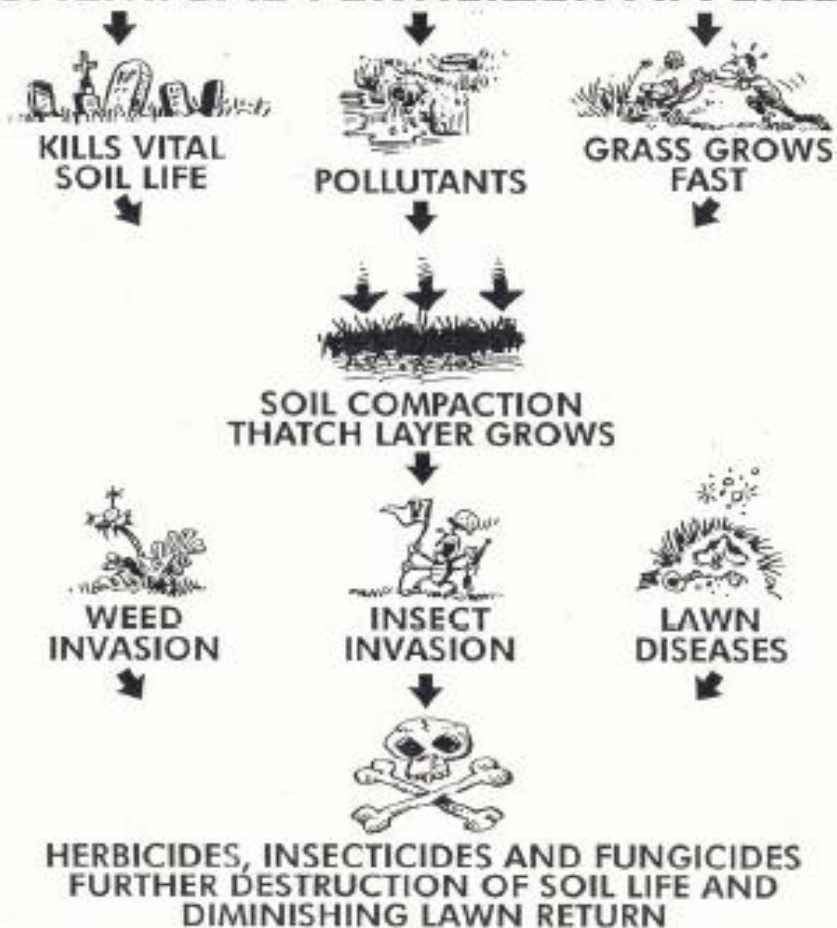
Zorchark



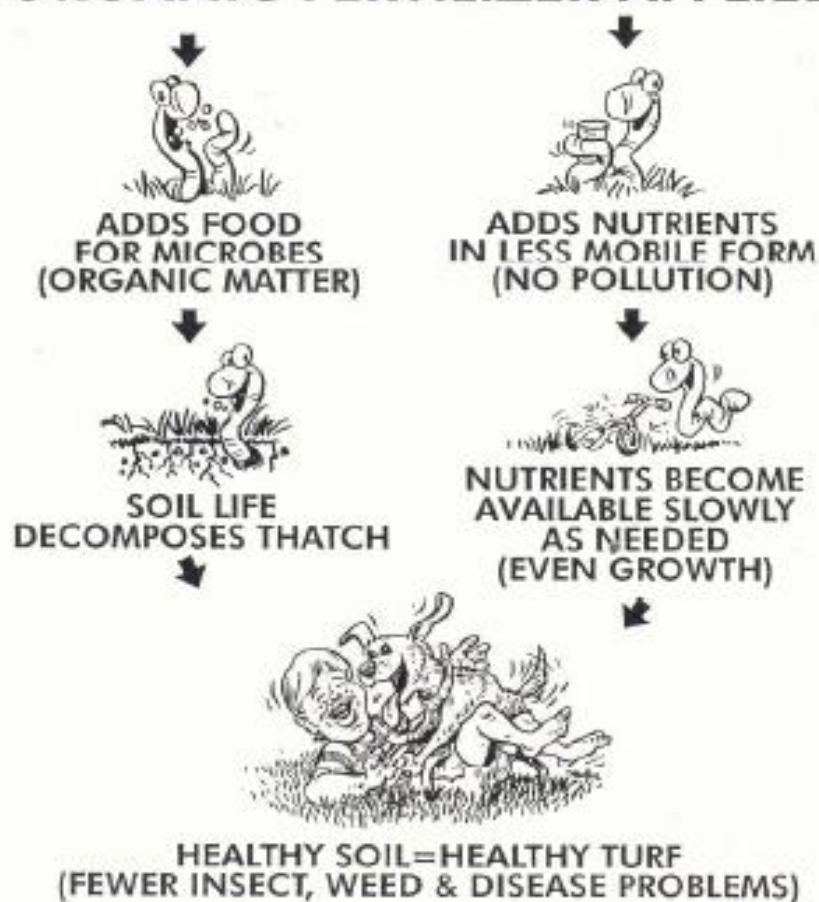
"It's just crabgrass, dear."



CHEMICAL FERTILIZER APPLIED



ORGANIC FERTILIZER APPLIED



A Beautiful Organic Lawn

- The Right Grasses
- Healthy Soil
- Common Lawn Issues & Solutions
- Good Cultural Practices
- Lawn Care Calendar

Do Grass Types Really Matter?









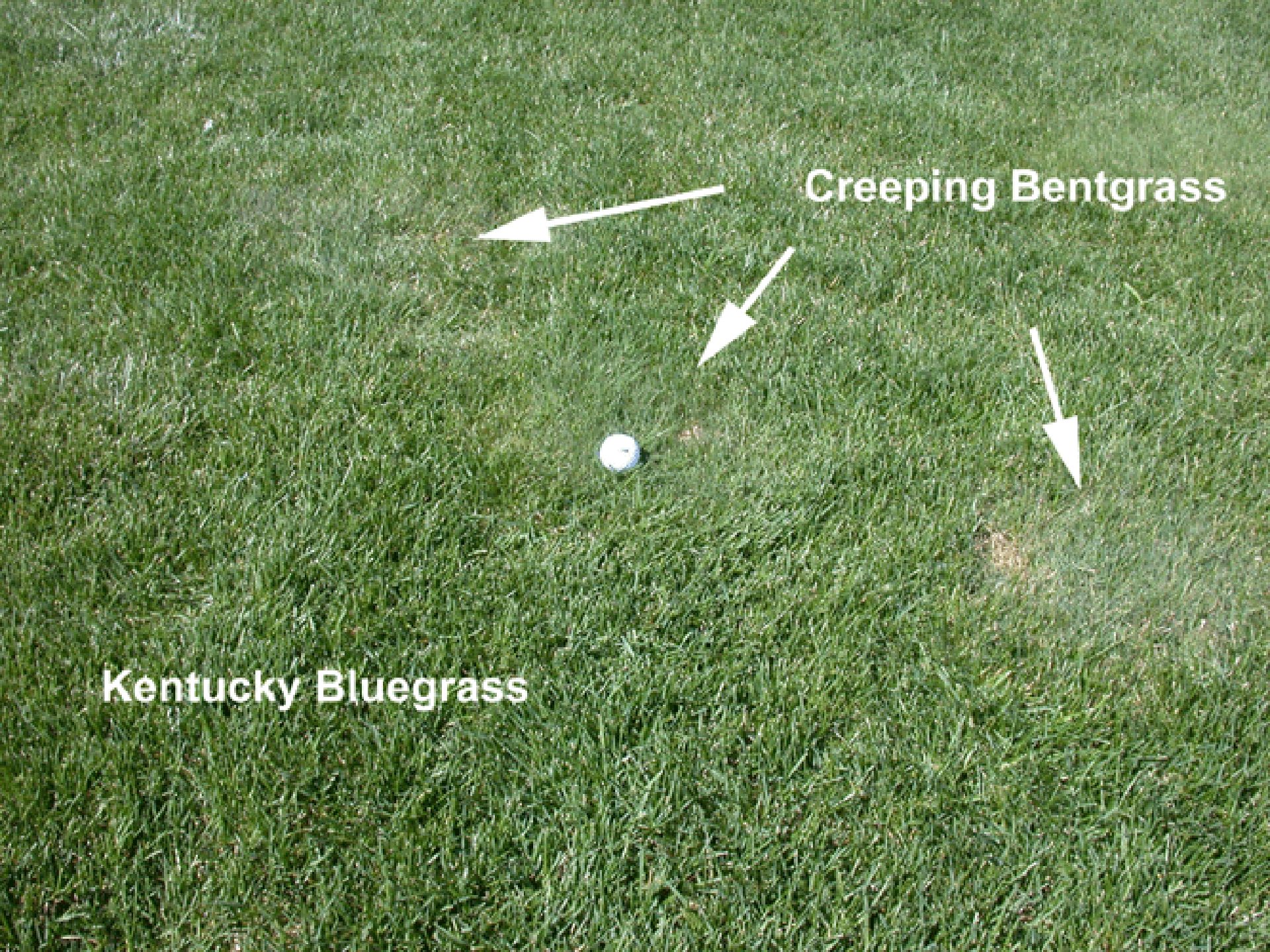






Creeping Bentgrass

Kentucky Bluegrass





BENTGRASS
SECTION

BENT

BLUE
RYE
MIX

BENTGRASS
PATCH



Stolon

**Are there Any Good
Grasses?**




















With microclover

Without microclover



Without microclover

With microclover

The Right Grasses Matter

- **Good Nature Tuff Turf**
- 95% Turf Type Tall Fescue
- 5% Kentucky Bluegrass
- Micro Clover

How do you get the right grasses?

- Over Seeding
- Slice Seeding
- Total Renovation

























How to Have Healthy Soil

- ***Favorite Science Classes?***
- Physics?
- Chemistry?
- Biology?



Get a Useful Sample

15-20 cores

Saw Probe

Right Depth
(plow layer or 6
inches)

Clean Bucket





Soil Test Results

Sample Location: FRONT ENTRANCE --

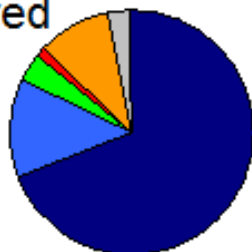
Report Date: 7/7/2009

Area:

	Result	Desired Result	Deficit-Sufficiency	Deficit-Sufficiency lbs/1000 sq ft	Graphical Result
Exchange Capacity	16.89				
Water pH (1:1)	7.5	6.5	+1		
Organic Matter (%)	4.82	6.0	-1.18		
Soluble Sulfur (ppm)	27	37.5	-10.5	-0.48	
Easily Extractable P as P2O5 (lbs/ac)	101.0	200.0	-99	-2.28	
Bray II P as P2O5 (lbs/ac)	298	400.0	-102	-2.34	
Calcium (lbs/ac)	5152	4594.0	+558	12.83	
Magnesium (lbs/ac)	658	527.0	+131	3.01	
Potassium (lbs/ac)	326.0	527.0	-201	-4.62	
Sodium (lbs/ac)	86	77.7	+8.3	+0.19	
					Good Ok Alert Problem

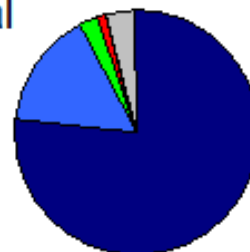
Base Saturation

Desired

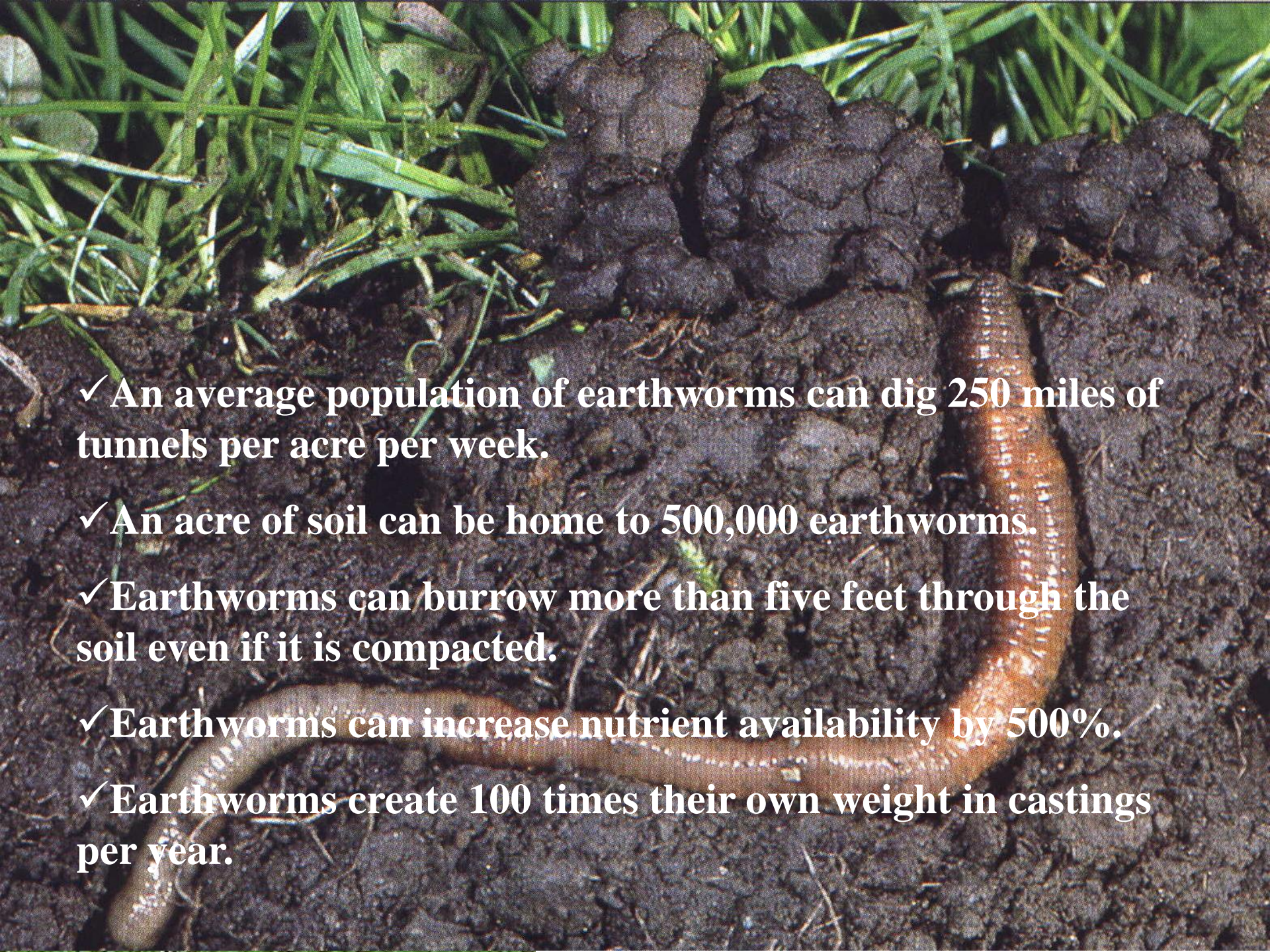


Element	Desired Result
Calcium%	68.0
Magnesium%	13.0
Potassium%	4.0
Sodium%	<1.0
Hydrogen%	10.0
Other%	3.0

Actual

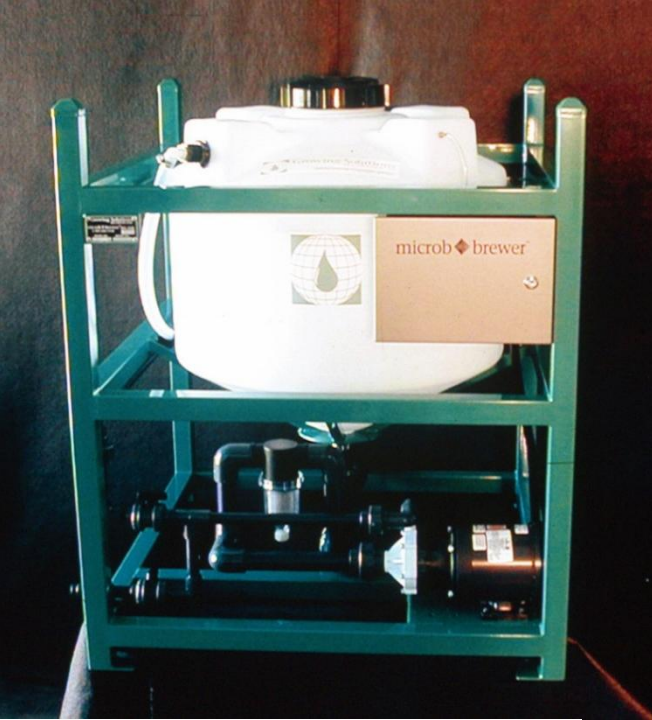


Element	Actual Result
Calcium%	76.3
Magnesium%	16.2
Potassium%	2.5
Sodium%	1.1
Hydrogen%	0.0
Other%	3.9

- 
- ✓ An average population of earthworms can dig 250 miles of tunnels per acre per week.
 - ✓ An acre of soil can be home to 500,000 earthworms.
 - ✓ Earthworms can burrow more than five feet through the soil even if it is compacted.
 - ✓ Earthworms can increase nutrient availability by 500%.
 - ✓ Earthworms create 100 times their own weight in castings per year.









Healthy Soil

- Physics
- Chemistry
- Biology
- They all Matter

Common Law Problems & Solutions







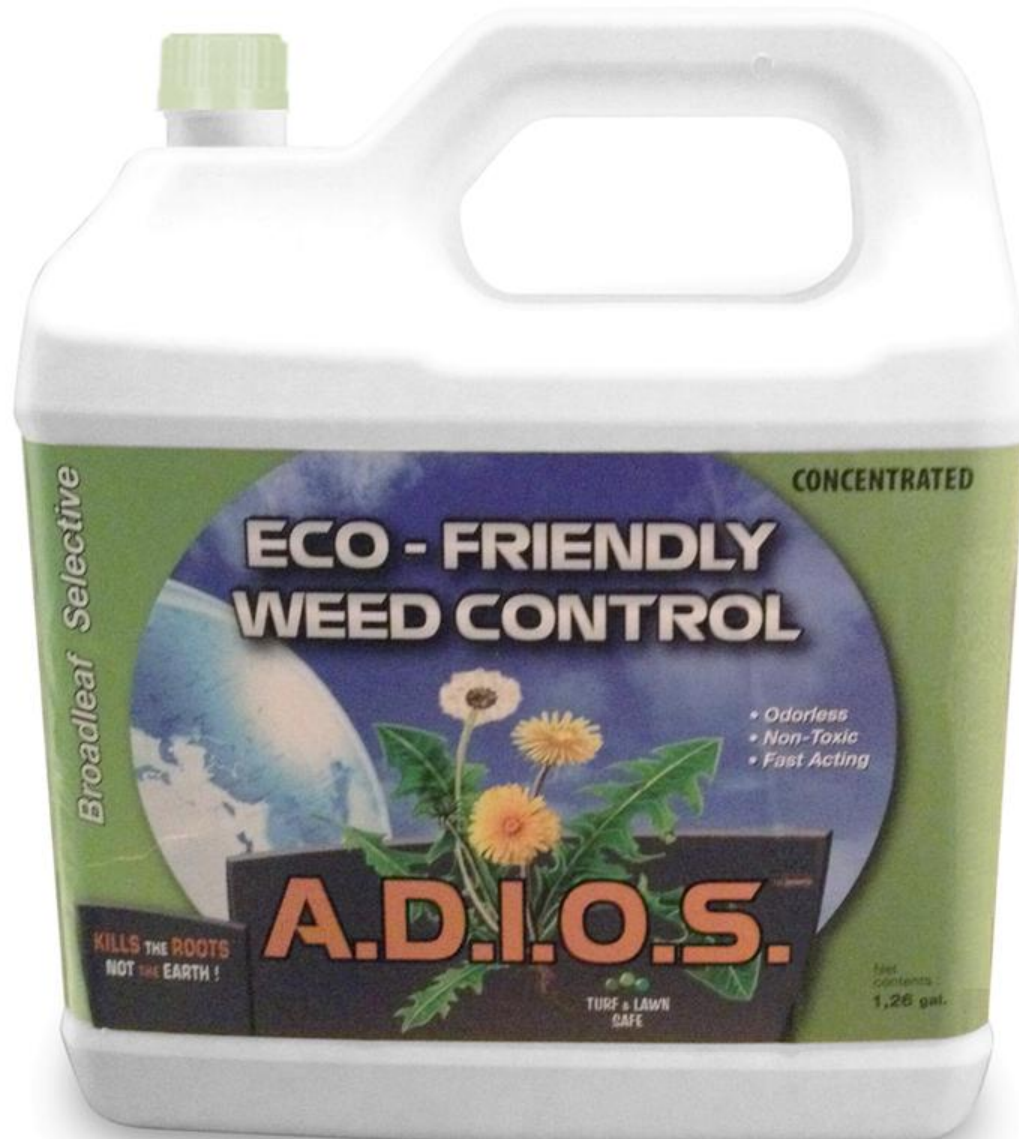




**What do they have in
common?**



A.D.I.O.S







More Weeds







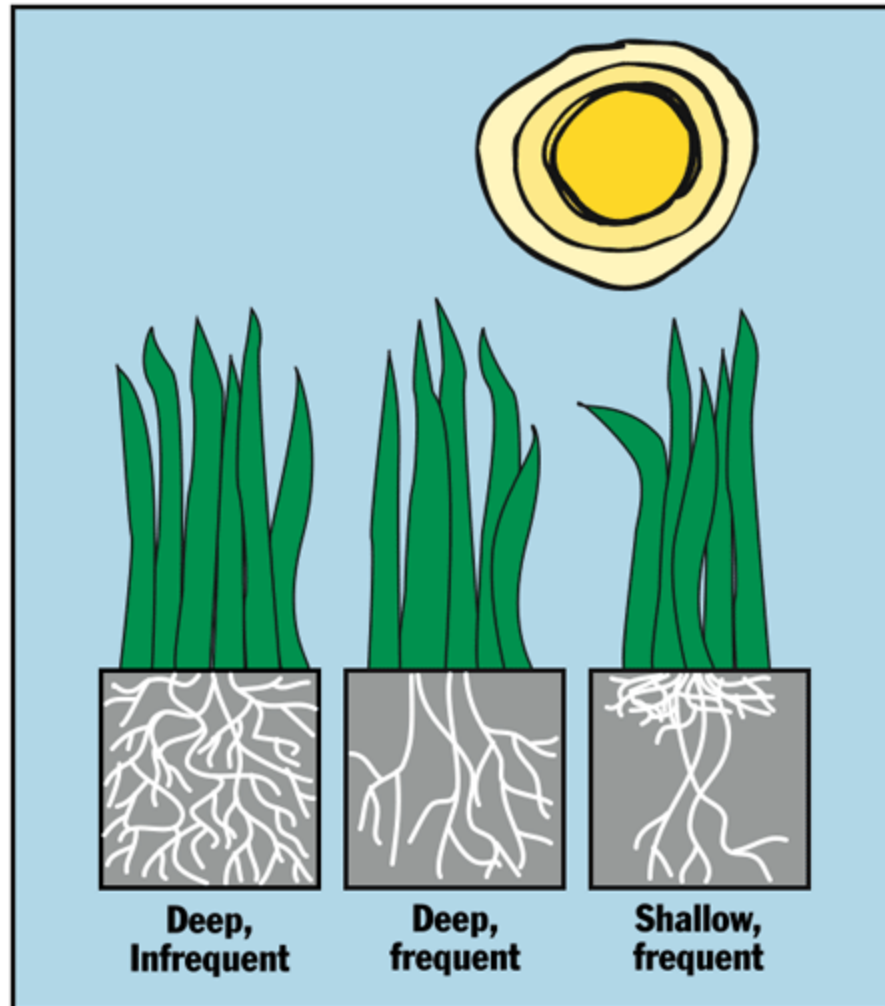






**What do they have in
common?**

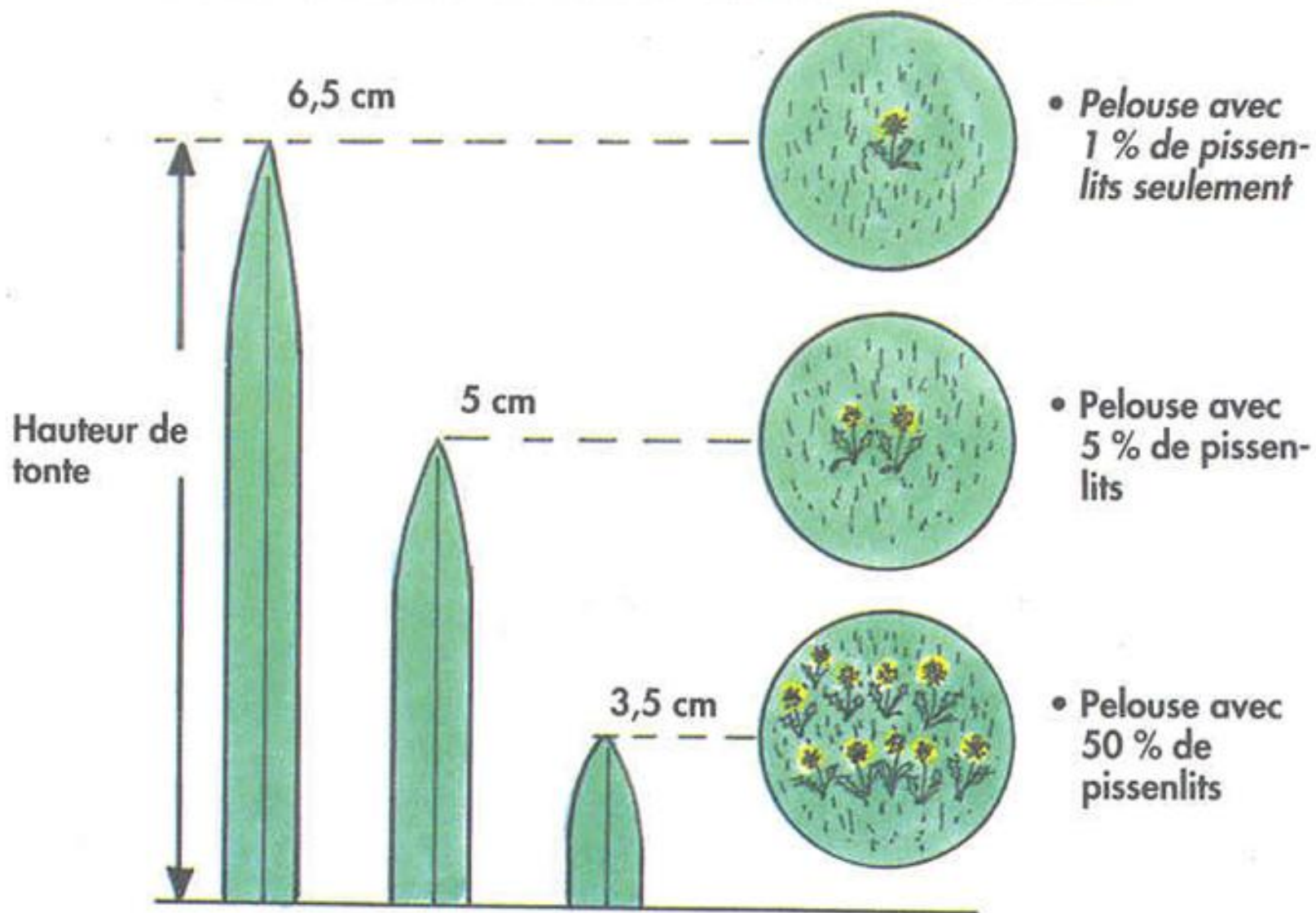
Lazy Watering Wins







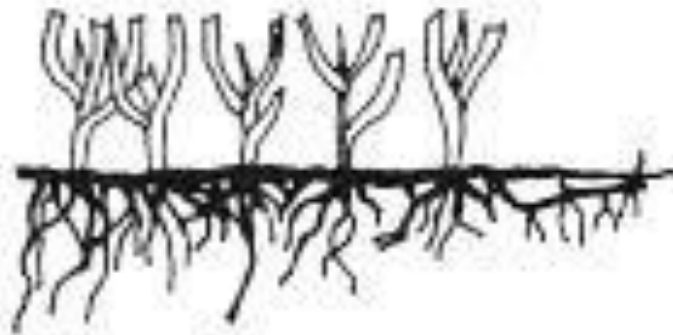
LA HAUTEUR DE LA TONTE ET LES HERBES INDÉSIRABLES



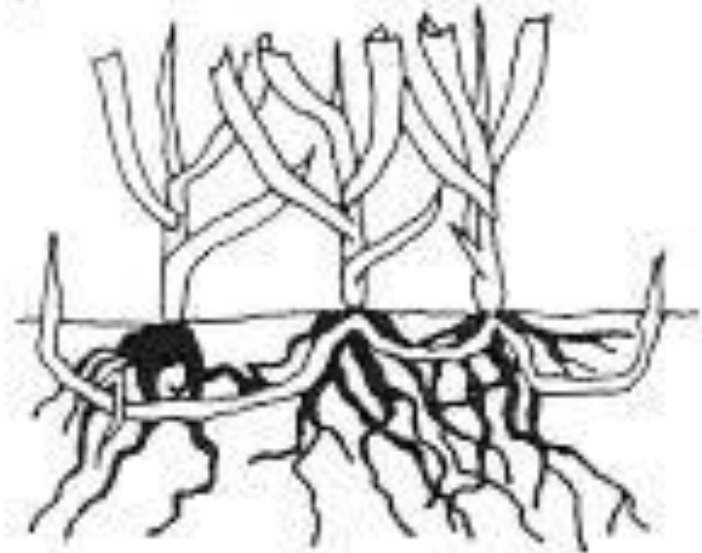
PLUS LA PELOUSE EST COURTE, PLUS ELLE EST VULNÉRABLE À L'INVASION DES HERBES INDÉSIRABLES.

Why Mow High?

Turfgrass mowed at the recommended height will have deeper, stronger root systems.



Close Mowing

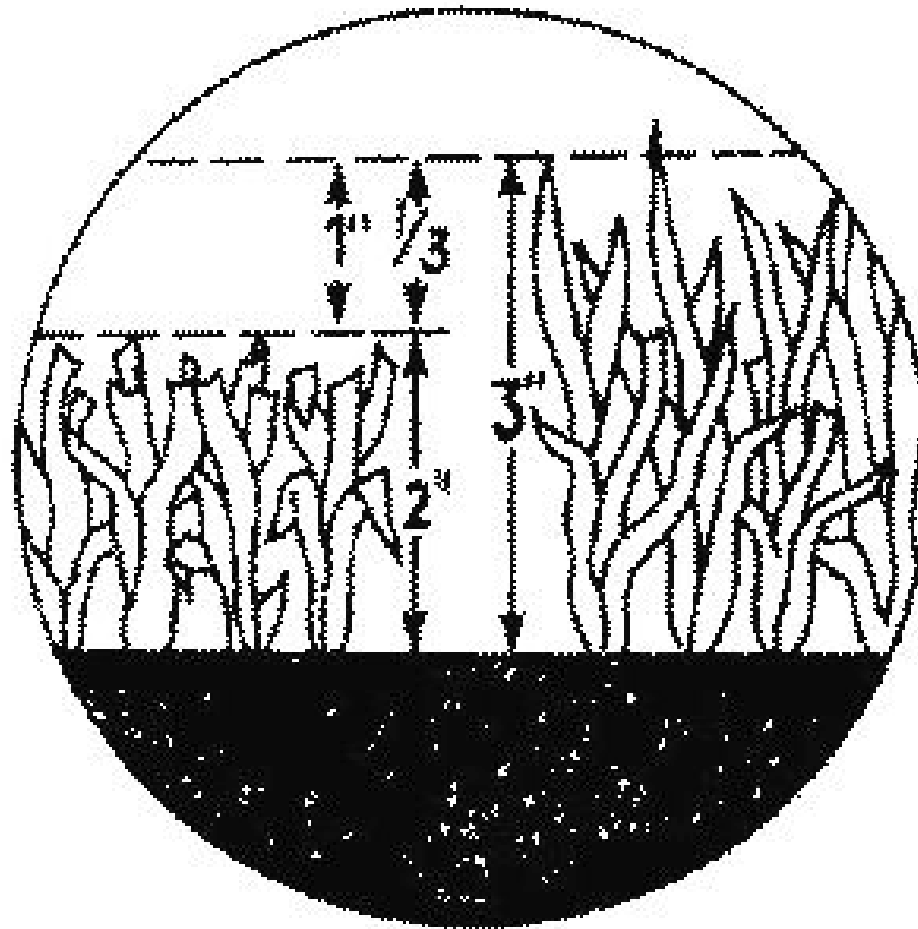


Proper Mowing Height

Mowing Properly



1/3 Rule of Mowing



The "1/3 Mowing Rule" of blade removal.

Sharpen those Blades!





Untreated



With Weed Buster





Handling Insects



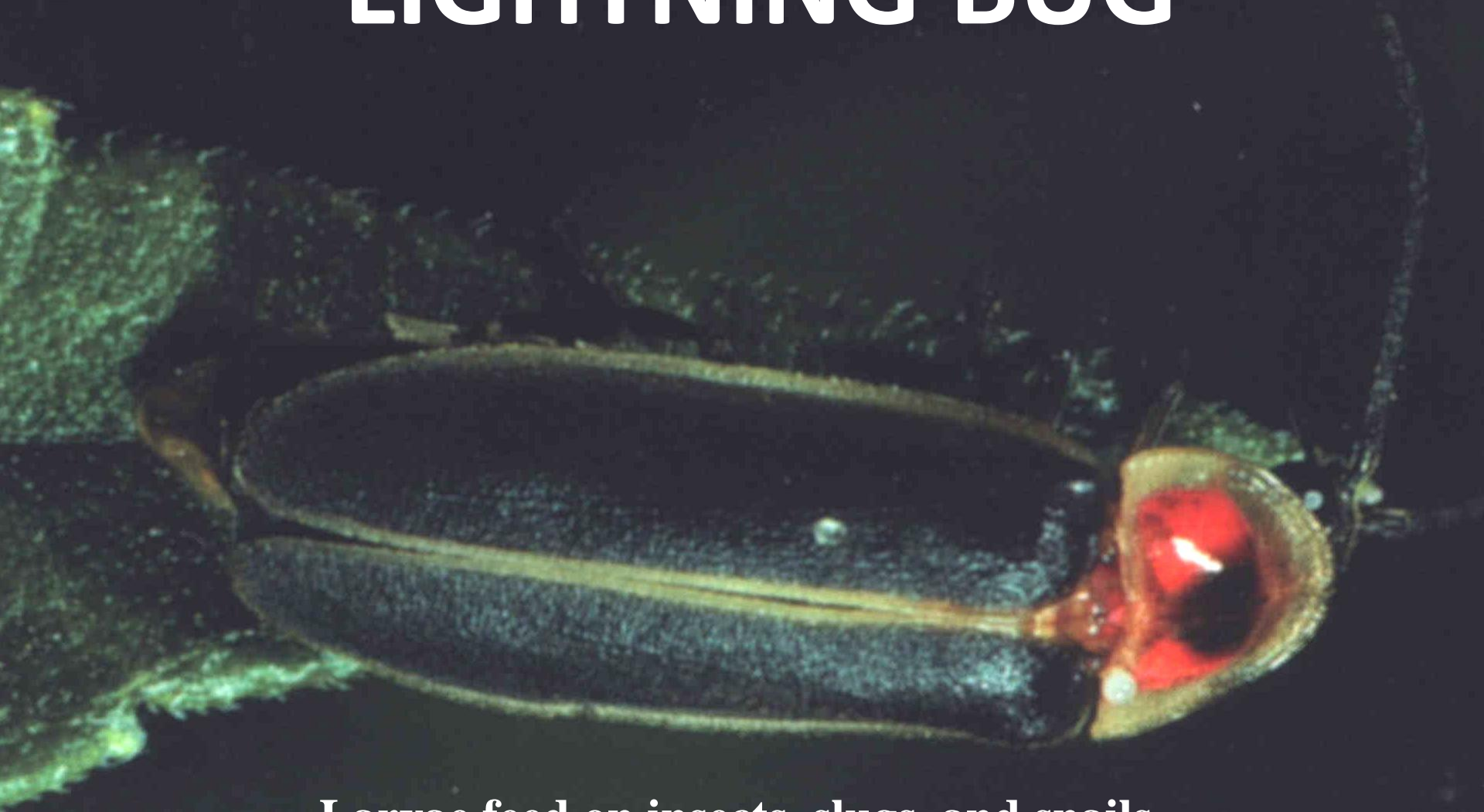
The only good
bug is a dead
bug

BIG-EYED BUG



Preys on chinch bugs, mites, leafhoppers, aphids, other small insects, and insect eggs.

LIGHTNING BUG



Larvae feed on insects, slugs, and snails.

White Grubs





Feeding Your Lawn

- Where do Organic Fertilizers Come From?

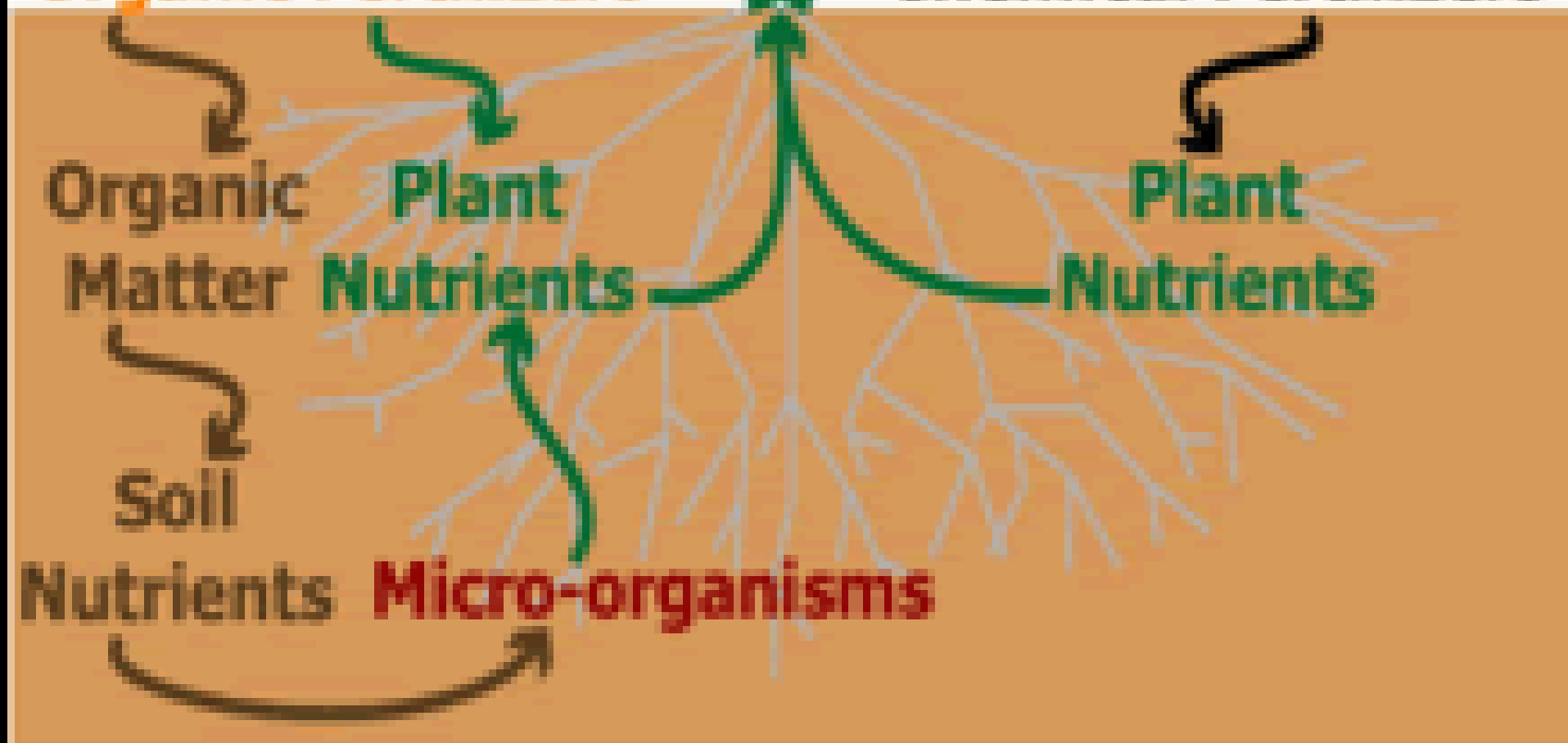


FEEDING THE SOIL

FEEDING THE PLANT

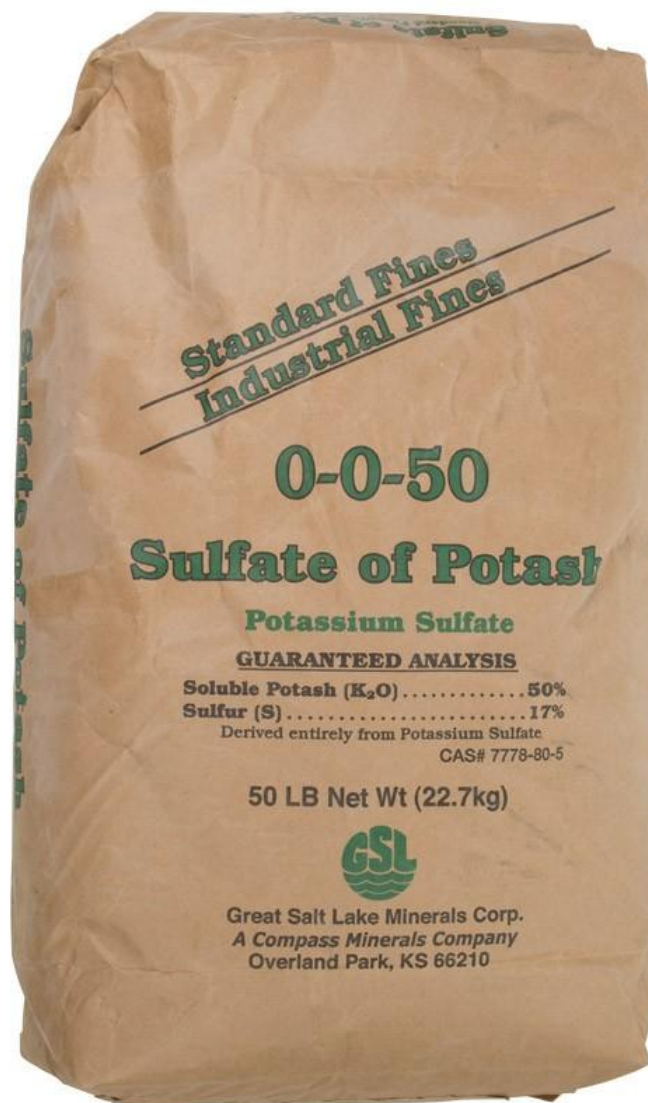
Organic Fertilizers

Chemical Fertilizers



Organic Fertilizers

- **Vegetable Protein Meals**
 - Seaweed, Soybean Meal, Corn Gluten Meal
- **Animal Protein Meals**
 - Bone Meal, Blood Meal, Meat Meal
- **Vegetable By Products**
 - Molasses
- **Poop**
 - Poultry Manure, Bio Solids (People Manure)
- **Compost Teas**



Organic Based Fertilizers

- Some Better than Others
- Buyer Beware



Massachusetts
Nursery and
Landscape
Association

\$18.99

Grow with a Pro!

Turf-O-Ganic 10-6-4

75% Organic
Covers 5,000 Sq. Ft.
Guaranteed Analysis

Total Nitrogen (N)	10%
2.34% Ammoniacal Nitrogen	
3.11% Urea Nitrogen	
4.55% Water Insoluble Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	6%
Soluble Potash (K ₂ O)	4%
Nutrient Sources: Ammonium Phosphate, Urea, Muriate of Potash, Methylene Ureas	

Long-lasting Organic Fertilizer

Turf-O-Ganic is the longest lasting lawn fertilizer that MNLA offers. 75% Organic Nitrogen feeds the lawn continuously with slow release nitrogen and keeps lawns greener longer. May be applied up to 4 times a year for a professional looking lawn. (Spring, Summer, Early and Late Fall). To maximize the effectiveness of this product, MNLA recommends you test your

Scotts
Turf Builder
LAWN FERTILIZER
NOW WITH MICROMAX
All-in-one particle™
contains MicroMax
nutrients for a
thicker, greener lawn
with timed-release
nitrogen formula won't
burn your lawn
Guaranteed by Scotts
Triple Guarantee™
The secret to
beautiful lawns since 1928

Organic Lawn Care Calendar

- Winter
 - Dormant Seed
- Spring
 - Bare Spot Seeding & Fluff
 - Corn Gluten Meal (Spring Blend)
 - 10 lbs /1000 s.f. - Easter & Memorial Day
 - Mow High
 - Spot Treat Weeds with Adios or Fiesta



Straight shaft tool

Bare Spot Seeding

Force applied

*Resulting
in only 48%
force delivered*





Organic Lawn Care Calendar

- Summer
 - Mow High
 - Water Weekly
 - Seaweed, Humate, Neem (June, July & August)
 - Nature's Magic + Neem Tonic
- Late Summer
 - Over Seed (August / September)

Organic Lawn Care Calendar

- Fall
 - Organic Fertilizer (Labor Day)
 - Organic Fertilizer with Potassium (Thanksgiving)
 - Mulch your Leaves
 - Gradually lower blades to 2 inches

MOW YOUR LEAVES

FEED YOUR WORMS

IMPROVE SOIL PERMEABILITY





Good Luck!



Store.WhyGoodNature.Com

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