

IN 1 ACRE of SOIL:

3 MILLION EARTHWORMS

MOVE ~20 TONS of soil per year

+ MAKE 10+ TONS of POOP CASTINGS!

EAT: ORGANIC MATTER, MINERALS, SUGARS, + other NUTRIENTS [MORE AVAILABLE] to plants.

MAKE: YUMMY FOOD for plants & fungi etc.

EARTHWORM TUNNELS spread oxygen

SPRINGTAILS, MILLIPEDES etc.

SOWBUGS

for HEALTHY FUNGI: DO NOT turn pile, more than 1x/week!

1 TEASPOON of COMPOST could contain 60+ FEET of fungal strands!

EAT: LIGNINS (plant fibers), COMPLEX MOLECULES

MAKE: SUGARS, MINERALS, + other NUTRIENTS [MORE AVAILABLE] to plants.

MYCORRHIZAL STRANDS reaching through the pile...

+ MACROSCOPIC CRITTERS

FUNGI

LONG NETWORKS OF INTERCONNECTED CELLS

1-Sheet Mini-Comic folding instructions @: www.MarekBennett.com/1sheet

WOW, COREY— YOU THROW THE HOTTEST PARTIES!

COMICS WORKSHOP
More COMPOST COMICS @:
www.MarekBennett.com/compost

COMPOST COMICS

#4

MEET THE MICROBES and MACROBES!

IN YOUR PILE...

by Marek Bennett

www.MarekBennett.com

BACTERIA & ACTINOMYCETES!

EAT: SIMPLE SUGARS, PROTEINS, FATS

MAKE: HEAT, CO₂, H₂O, NITRATES & other PLANT FOODS

SUPER TINY

SINGLE-CELLED

BACTERIA are SO TINY: ...more than 1 BILLION live in a teaspoon of COMPOST!

AS THEY EAT... THEY GIVE OFF HEAT!