Handouts from Heinz Piniak Presentation "All the Dirt on Dirt" April 16, 2023

HERE IS WHAT I DO TO GROW MY DAHLIAS:

- 1. Planting hole ~10" X 10" Approximately 10" deep visually inspect soil density and porosity.
- 2. Separate approximately 50% of the dug up soil in a separate container (cement mixing bin)
- 3. Additives to soil in bin:

OSMOCOTE PLUS B	43CC	= 1 SCOOP
BIOTONE (FOR DIVERSITY)		2 – 3 TABLESPOONS
BONE MEAL		2 – 3 TABLESPOONS
ALFALFA	3 X 43CC	3 SCOOPS
MILORGANITE		2 TABLESPOONS
MOONURE (COMPOSTED COW MANURE)		5 CUPS

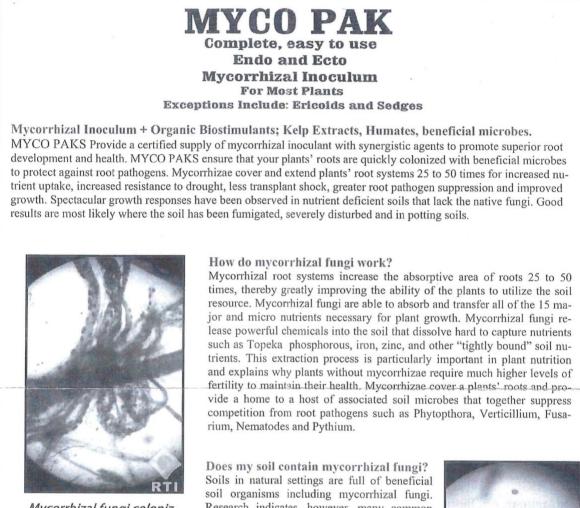
2 TEA BAGS OF PREPACKAGED MYCORHIZEA FROM RAINTREE NURSERY TOUCHING THE BOTTOM /SIDE OF TUBER WHEN PLANTED. OR OTHER MYCORRHIZAL AS SPECIFIED.

IF NEEDED BASED ON SOIL DENSITY ADD: . SAND

. MIRACLE GROW POTTING SOIL, OR PROMIX

- . PERLITE
- . ADD THE REMAINING SOIL FROM THE PLANTING HOLE TO FORM AN APPROXIMATE 2" BERM. DISCARD THE REMAINING SOIL . BE SURE TO MIX COMPONENTS WELL
- . INSERT TUBER SO THAT THE CROWN IS COVERED BY APPROXIMATELY 1/4" OF PLANTING MIX.

. FERTIZE ONE MORE TIME END OF JULY/EARLY AUGUST WITH MIRACLE GROW SHAKE & FEED , ROSE& BLOOM PLANT FOOD. . WATER AS NEEDED



Mycorrhizal fungi colonizing roots.



Research indicates, however, many common practices can degrade the mycorrhizal potential of soil. Tillage, fertilization, removal of topsoil, erosion, site preparation, road and home construction, fumigation, invasion of non native plants, and leaving soils bare are some of the activities that reduce or eliminate these beneficial soil fungi. In many man-made landscapes we have reduced or eliminated the soil organisms necessary for plants to function without high levels of maintenance. Nursery grown plants available to landscape contractors are typically deficient in mycorrhizae. Plants raised in most nurseries receive intensive care and feeding. MYCO PAKS conveniently and quickly ensure mycorrhiza for your plants to thrive upon planting into tough conditions.



Healthy mycorrhizal spores.

Book recommendation:

