



800 W. Lake Ave.
PO Box 788
Fairmont, MN 56031

Phone 507-235-6909
Fax 507-235-9155
info@aglabs.com
www.aglabs.com

Recommendations For IAL Lab Number 1692 – Native Dirt Future Orchard High Desert Permaculture

Add Per 4x4x3 Tree Hole:

30 lbs. Custom Tree Planting Mix

Made as Follows.

16 oz. Bloom 10-52-10

14 oz. K-Mag

9 oz. Epsom Salts

1.5 oz. Copper Sulfate

3 oz. Iron Sulfate

1.5 oz. Zinc Sulfate

3 oz. Manganese Sulfate

1/3 oz. Solubor

4.5 lbs. Granular Humates

4 lbs. TMB

2 lbs. Transplant Formula

½ lb. Kelp Meal

16 lbs. Soft Rock Phosphate

Note: This custom made tree planting kit can be purchased from Luke Lemmers at 952-239-2042. Each 30 lbs. should be mixed with 48 cubic feet of soil. As far as mixing soil with 50% compost I would advise caution. 50% might make your soil high in sodium. 10-20% seems a more prudent level. The Hoop House soil has excessive sodium and conductivity, we want to avoid that under your trees.

A long term goal for your trees might be to leave a layer of 1 foot of woodchips on top of the soil to keep the soil cool and reduce evaporation. I would like to see driplines below the woodchips. For more information see Back to Eden film and notice his apple trees in the desert region.

Unless otherwise noted all recommendations given on a per-acre basis.

The yield or final out come of any crop or grown material is controlled by many factors in addition to nutrition. While these recommendations are based on agronomic research, they DO NOT GUARANTEE or imply any yield or out come.