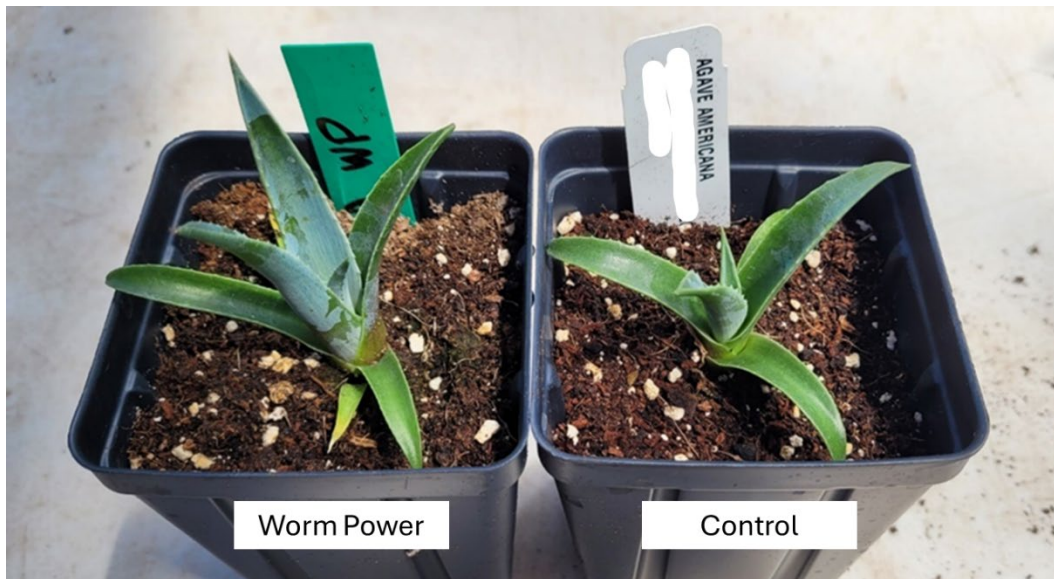


*Worm Power in Agave Production*

Worm Power Liquid Extract (WPLE) is an essential addition for agave production to ensure strong plants and healthy root systems. The addition of WPLE has been shown to increase root mass to shorten the length of time needed for agaves to develop before being transplanted.

Propagation in soil media rate: Use **95 ml of WPLE per 5 gallons of water** applied bi-weekly. This will treat approximately 80 plants in 4-inch pots.



WPLE increased the leaf growth of propagated agave (variety Americana) on the left compared to the non-treated control on the right, shown above.



Shown above is a comparison of root development for the WPLE treated agave (left) and control. The WPLE treatment increased the roots by 50% and can be transplanted sooner than the control.

1-gallon containers: Apply **95ml WPLE for every 5 gallons of water** with a dozatron bi-weekly. The use of WPLE more than doubled the length of roots compared to the agave size as shown below.



**Root Soaking**: To encourage root development for pups that have had roots sheared, a soak before transplanting is recommended. Soak transplants in water with **5% WPLE by volume** for up to 24 hours to help inoculate pups. The below photo shows agaves soaked in WPLE solution and then received 3 bi-weekly applications of WPLE.



Using Worm Power Liquid Extract is a beneficial part of agave production to ensure new plants build a healthy foundation of roots that will help alleviate stress when transplanting and encourage plant growth and development.