

Why Use Rainwater?

ENVIRONMENTAL BENEFITS OF USING RAINWATER

- Rainwater catchment is “Point of Source Production.”
- It will cushion users from fluctuating water-hauling prices, city rate hikes/ordinances, private well company policies, and home well subsidence.
- Using rainwater increases local biomass and shade, which in turn will decrease Prescott’s heat dome.
- Using rainwater decreases the user’s impact on the local water table and increase groundwater recharge.
- Capturing rainwater in cisterns and increasing soil infiltration reduces storm water runoff.
- Xeriscape techniques, like rainwater catchment, increases local biodiversity through water conservation/permaculture.
- Using rainwater allows for better watershed management by reducing local runoff.

HORTICULTURAL BENEFITS OF USING RAINWATER

- Stored rainwater increases a plant’s ability to uptake nutrients and aids soil in retaining water.
- Rainwater is free of toxins such as chlorine, arsenic, salts and other groundwater contaminants and is considered soft.

GENERAL BENEFITS OF USING RAINWATER

- Rainwater increases the effectiveness of detergents, minimizes mineral build-up, and pipe calcification.
- 1,000 square foot of catchment + 1-inch of rain = 620 gallons of free water!
- Rainwater serves multiple functions in a homestead system.
- Stored water has sustained human population in Arizona for over 1,600 years.