

# Best Use Practices - Turf

Worm Power Liquid Extract (**WPLE**) is a liquid vermicompost product teeming with beneficial microbes that promote root development. Healthy roots result in better nutrient uptake and healthier plants. Microbes are an essential part of soil health and help the plant adapt to stress. The addition of WPLE fits within every program to promote plant health.

## Use Rates:

Apply 8 oz of WPLE per 1,000 square feet in 2 gallons of water in 15-day intervals.

For thatch concerns, apply 16 oz WPLE per 1,000 square feet in 2 gallons of water in 30-day intervals.



Spray WPLE in the morning or evening when the temperature is moderate, and the rate of evaporation is lowest, such as early morning or evening.



Begin WPLE usage when the soil temperature is at least 55°F at a 3-inch depth.



Use large droplet size to increase the soil penetration and reduce risk of off target movement and evaporation.



Irrigate lightly after application, approximately 2-3 sprinkler head turns. Full irrigation cycle the night of application.



WPLE works best with water in a pH range of 5.5 to 7.5.



Apply with soil surfactants to ensure uniform soil penetration.



WPLE is compatible with most products, however the jar test is recommended before mixing.



WPLE has beneficial microorganisms. Do not mix with anti-microbial products such as fungicide.



Time WPLE application with core aeration for maximum root stimulation.



A minimum of 40 GPA is recommended when applying large volumes.