VermisTerra CharWise

Wood vinegar (aka pyroligneous acid), pH 3 is a versatile biostimulant with 200 compounds, used around the world for thousands of years for agriculture, pest control, odor control, soil improvement, livestock health and plant health.

Below are popular diluation rates suggested by different sources found online. Always dilute with water before use. Do no use with alkaline based products. Once mixed, batch is only stable for a few days. Please test on a small area first.

Enrich Soil and Enhance Growth

Berries, Roots and Vegetables - Dilute 1:100 apply Use ½ rate at planting, and 2-3 applications at regular rate. Allow 2-4 weeks between applications

Trees, Fruit, Vines, Nuts, Citrus - Dilute 1:200 Apply 3-5x during growing season. Allow 3-5 weeks between applications

You will need about 32 oz solution for every 10 sq ft. Apply in early morning or evening to avoid leaf burn. Use ½ rate on young/delicate plants.

Pest Deterrent

Can create an unwelcoming environment for pests. Spraying diluted wood vinegar directly on plants, every day for 3 days, then weekly.

For aphids and fungal issues 1:200
For mosquito larvae, spider mites, and whiteflies 1:100
For ants 1:50 to 1:100
For snails and slugs 1:30

Seed Germination

1:500 dilution, mist seeds or soak 24 hours before planting. (1 drop per 16 oz water) For faster germination and stronger root formation.

Composting & Waste Breakdown

1:200 Add to compost or over animal waste to speed decomposition and microbial activity. Accelerates decomposition, reduces odors. 1-1.5 oz per cu yard. Allow 3+ weeks between applications.

Odor Control

1:50 dilution, spray to neutralize odors in trash bins, animal pens, pet bedding, shoes, manure piles. Reduces ammonia and unpleasant smells.

Livestock Pens

Dilute 1:50 to 1:100 Spray in animal pens, barns or on animal waste to speed decomposition, neutralize odors.

How Much Per Gallon of Water

Dilution Rate	Amount CharWise	Milliliters	Strength
1:30	8.5 TBL	126 ml	very strong
1:50	5 TBL	76 ml	strong
1:100	2.5 TBL	38 ml	moderate
1:200	4 tsps	19 ml	light
1:300	2.5 tsps	12.6 ml	very light
1:500	1/2 TBL	7.6 ml	gentle

