

Binchoutan

Wood Vinegar

Pyroligneous acid



群耕農業生技有限公司
GROUP GAIN BIO-AGRI CO., LTD.
www.groupgain.com.tw

Technical Data Sheet

DESCREPTION

Binchoutan wood vinegar is made of 100% beech wood using high-temperature carbonization at temperatures above 1,000° C, producing a fumigant (called organic acid) containing more than one hundred ingredients.

The main ingredient of wood vinegar is acetic acid which can improve the conversion of fertilizers in the soil into water-soluble fertilizers that can be quickly absorbed by the plants to increase the efficiency of the fertilizers.

BENEFITS

- Make plants stronger, improve the vitality of crop roots and leaves, slow down aging and prolong fruit storage time.

- Control pests and diseases on soil and leaves, and can mainly inhibit molds, powdery mildew, gray molds, bacterial wilt and downy mildew.
- Promote the reproduction of beneficial microorganisms.
- Compost to speed up fermentation.

ACTIVE INGREDIANT

Pyroligneous acid.....100.0 %

WARNING

- The concentration of wood vinegar should not be too high, which will inhibit the growth of microorganisms.
- The product is not edible and be kept out of the reach of children.

APPLICATION

CROPS	APPLICATION OF TIME	IRRIGATION DILUTION RATE	FOLIAR DILUTION RATE	DOSAGE (L/HA)
ALL OF CROPS	AT SEEDING STAGE, SPRAY/IRRIGATION ONCE EVERY 5-7 DAYS	400-500	800-1,000	1.0-2.5
	AT GROWTH PERIOD, SPRAY/IRRIGATION ONCE EVERY 5-7 DAYS	300-400	600-800	1.5-3.0

Avoid mixing with alkaline pesticides or fertilizers.

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TYPICAL PROPERTYIES

Appearance (25 °C)..... Liquid
Color.....Dark brown
Odor.....Smoky taste
pH value.....2-3
Density(g/cm³).....1.00

STORAGE & HANDLING

1. Storage and transportation:
Keep in a cool and dry place. Avoid direct sunlight and high temperature.
2. Spills and Disposal:
Use protective solvent resistant gloves to avoid skin contact. Small spills can be wiped up with vermiculite or other suitable absorbent material and removed to an approved disposal container. Large spills should be absorbed by dirt, sand, or other suitable absorbents for disposal. Do not hose spills down drains. Move leaking containers to well ventilated area. No Smoking. Eliminate any source of ignition. Avoid inhalation.
3. Extinguishing measure:
Use water or dry chemical powder or CO₂.
4. Standard Packaging:
Binchoutan Wood Vinegar is available in bulk and in 20L drums.

SHELF LIFE

4 years from production date.

HEALTH HAZARD

1. Swallowed:
When a person swallows a large quantity of product, give the victim a lot of water and try to get the victim to vomit.
2. Eyes contact:
Gently rinse the effected eyes with clean water.
3. Skin contact:
Rinse with clean water.
4. Inhaled:
When a person in hales a large amount of gas introduced be remove the victim from the contamination to fresh air. Keep the victim warm and quiet.
5. First aid facilities:
None

