



**JOSEPHINE
PORTER
INSTITUTE**
For Applied Biodynamics

Spray 500

For Use on Soil:

Storage:

Keep moist until used. Part portions may be used, keeping same proportions and stirring for an hour for the portion.

When to use:

- Spray shortly before seed sowing or transplanting.
- Use mainly in the spring or fall.
- Use during the latter part of the day.
- Use when there is no wind, preferably on an overcast day.
- Use when the soil contains some moisture- never in drought..
- Never just before a rain.

What you need:

- 3 gallons of lukewarm rainwater (or chemical free water) for every 1 unit of BD#500.
- A clean container large enough to prevent splashing out (chemical-free).
- A light-weight, but strong stick.

Directions:

- Stir vigorously in one direction until liquid forms a deep crater.
- Quickly **reverse** direction and repeat. Continue this alteration every minute or so for one **full hour**.

Spraying:

- Spray as soon as possible after stirring- it deteriorates rapidly if left standing.
- To spray with an ordinary sprayer you will need to strain the mixture. For small areas use a bucket and whisk broom.
- Spray on soil. Cover about one acre of ground per unit.
- Always use chemical-free, clean utensils.
- If possible spray on soil that has been recently worked. If possible, rake lightly afterwards.
- If 500 has been used in the area before, quantities may be more dilute, increasingly so with each application.

BD 501 Spray

For Use on Foliage:



Storage:

Keep in any dry or sunny place until used.
Keeps indefinitely if dry. Spray only on area where 500 has been used previously.

When to use:

- Only after plant roots are well established.
- Use as early in the morning as possible.
- Use when there is no wind.
- Use with seedlings- when 2nd or 3rd leaves have unfolded.
- Use only following blossoms on trees or shrubs, before leaf growth.
- Use on foliage emergencies- when diseases or pests have destroyed much foliage.
- Usually in late spring or early summer when warm weather is well established.
- Never when there is a danger of frost.
- Never just before a rain.
- Never before transplanting.
- Never use on young evergreens and fruit trees. You can use when they are of bearing age.
- Use especially during wet seasons with too little sunshine.
- Use indoors or in greenhouses during shortest days of the year.

What you need:

- 3 gallons of lukewarm rainwater (or **chemical free water**) for every 1 unit of BD#501.
- A clean container large enough to prevent splashing out (**chemical-free**).
- A light-weight, but strong stick.

Directions:

- Stir vigorously in one direction until liquid forms a deep crater.
- Quickly **reverse** direction and repeat. Continue this alteration every minute or so for one **full hour**.

Spraying:

- Spray as soon as possible after stirring- it deteriorates rapidly if left standing. Use ordinary sprayer for a fine mist spray.
- Spray on foliage- but it will do no harm to soil.
- Cover about one acre per unit.
- Always use chemical-free, clean utensils.

Spray 508

For Use on Foliage:



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Storage:

Keep dry and in darkness until needed. Part portions may be cooked, keeping same proportions. Fully effective only when used following other biodynamics preparations.

When to use:

- Use during wet, damp or sunless warm weather as a preventive of or cure for fungus disease.
- Use only during the warm time of the year.
- Use in two-week intervals, but more often in emergencies.
- Use when there is no wind.
- Do not use when rain will soon wash it off.

What you need:

- 1 quart of lukewarm rainwater (or chemical free water) for every 1 unit of BD#508. for cooking.
- 2 gallons of water for later dilution.
- A clean container large enough to prevent splashing out (chemical-free).
- A light-weight, but strong stick.

Directions:

- Heat up 1 unit of 508 with 1 qt of water slowly in a covered vessel for 20 minutes.
- Strain and dilute with 2 gallons of water.
- Stir vigorously in one direction until liquid forms a deep crater.
- Quickly reverse direction and repeat. Continue this alteration every minute or so for one full hour.

Spraying:

- Spray with a clean sprayer. For small areas, use a bucket and whisk broom.
- Spray on foliage. Cover about one acre of ground per unit.
- Always use chemical-free, clean utensils.
- Spray within a few days after cooking and diluted.
- If 508 has been used in the area before, quantities may be more dilute, increasingly so with each application.