

BRIEF DIRECTIONS FOR THE USE OF THE BIODYNAMIC SPRAYS

(For further information read leaflet, *Bio-Dynamic Sprays*.)

SPRAY 500 - for use on soil.

Keep moist until used. Part portions may be used, keeping same proportions and stirring full time each. Spray only on areas previously fertilized with manure or compost prepared with preparations 502 to 507.

- TIME -**
- Shortly before seed sowing or transplanting.
 - Mainly in spring or fall.
 - During the latter part of the day.
 - When there is no wind.
 - Preferably on an overcast day.
 - When the soil contains some moisture — never in drought.
 - Never just before a rain.
- USE -**
- One portion of 500 to 3 gal. lukewarm water.
 - Rain or other water not contaminated with chemicals.
 - A clean container large enough to prevent splashing out — *no* chemical residues.
 - A light-weight, but strong stick — discover by experience what length you like.
- STIR -**
- *Vigorously* in one direction until liquid forms a deep crater.
 - *Quickly reverse* direction and repeat.
 - Continue this alternation every minute or so for one *full hour*.
 - Preferably using direct from the shoulder motion, not just wrist motion.
 - Preferably changing hands with each reversal.
- SPRAY -**
- As soon as possible after stirring — it deteriorates rapidly with standing and if left overnight is useless.
 - With *clean* utensils — chemical residues make 500 useless.
 - With ordinary sprayer (will need straining first) - or for small areas, a bucket and whisk broom.
 - Covering 1 acre of ground with this amount.
 - If possible on soil that has been recently worked. If possible raking lightly afterwards.
 - If on area where 500 has been used before, quantities may be more *dilute*, increasingly so with each application.

SPRAY 501 - for use on foliage.

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

- TIME -**
- Only after plant roots are well established.
 - *Never* before transplanting.
 - As early in the morning as possible.
 - When there is no wind.
 - Usually in late spring or early summer when warm weather is well established.
 - *Never* when there is danger of frost.
 - *Never* just before a rain.
 - With seedlings — when second or third leaves have unfolded.
 - With trees — not until they are of bearing age.
 - *Never* on young evergreens or fruit trees.
 - In foliage emergencies — when diseases or pests have destroyed much foliage.
 - Only following blossoms on trees or shrubs where these come before leaves.
 - Especially during wet seasons with too little sunshine. Indoors or in greenhouses — during shortest days of the year especially.
- USE -**
- Same as for 500.
- STIR -**
- Same as for 500.
- SPRAY -**
- Promptly as for 500.
 - On foliage — but will do no harm to soil.
 - With clean utensils as for 500.
 - In a fine mist spray — making sprayer necessary for this.
 - Covering about an acre with one portion.

SPRAY 508 - for use on foliage.

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

- TIME -**
- During wet, damp or sunless warm weather as preventive of or cure for fungus diseases.
 - Only during warm time of year.
 - Usually at two week intervals, oftener in emergency.
 - When there is no wind.
 - Not when a rain will soon wash it off.
- USE -**
- 1 portion 508 to 1 quart water - for cooking.
 - 2 gal. water for later dilution.
 - Same stirring equipment as for 500.
- PREPARE -**
- By cooking slowly in covered vessel for 20 minutes.
 - Strain and dilute.
 - Stir as for 500 but *only for 15 minutes*.
- SPRAY -**
- With clean sprayer as for 501.
 - Using fine mist spray.
 - Within a few days when once cooked and diluted.
 - Gradually more dilute the more frequently it is used.