

Natural Organic Solutions

General Spray Programme:

Below are instructions on how best to use our products in an ongoing program in your garden. This general program may be used on roses, veggies and fruit trees as well as for general use, from the beginning of the season if possible. Because our products are made with natural ingredients that break down quickly, they need to be sprayed regularly as a preventative measure. There are 3 facets to plant care – nutrition, insect and disease control – and by mixing a cocktail of our products as shown below - all these bases are covered.

Mix A

Copper Soap 100ml / 5 ℓ water

Bioneem 50ml / 5 \ell water (Bioneem = preventative or PYROL if there is an infestation or NEUDOSAN - see below)

Biotrissol 25ml / 5 ℓ water

Mix B

Phyta 25ml / 5 \ell water (for roses use Copper Soap which gives better control for Black Spot)

Bioneem 50ml / 5 \(\emptyset \) water (as above)

Biotrissol 25ml / 5 \(\emptyset \) water

These mixes should be alternated on a fortnightly basis. If it rains soon after spraying, or if you pick up signs of insect or disease activity, you should shorten the spray interval to weekly. Spray in the coolest part of the day to avoid phyto-toxicity.

ADDITIONAL INFORMATION:

→ INSECT CONTROL:

Preventative BIONEEM 50 ml / 5 l water Low insect infestation

Remedial PYROL 75 - 100 ml / 5 l water High insect infestation (broad spectrum)

NEUDOSAN 75 - 100 ml / 5 l water Signs of soft bodied insect activity

Bioneem and Neudosan are soft on beneficial insects. **Pyrol** is a broad-spectrum contact insecticide with low residual actions. Pyrol would be used in a crisis management situation as a spot spray where problems exist.

If there is already an insect problem **Pyrol** should be used instead of **Bioneem**, **Pyrol** is a contact insecticide which works best if it lands directly on the insect or is eaten by the insect within 12 hours of spraying, while **Bioneem** is preventative and needs to be ingested to be effective, it will disrupt the mating cycle of the insect. If the problem is aphids or soft-bodied insects only then **Neudosan** can be used instead of **Bioneem** or **Pyrol**. **Neudosan** will not offer control on any beetles or caterpillars, but will help with aphids, thrips, Psylla and whitefly. If the pest is nocturnal then **Pyrol** should be applied late in the day to ensure consumption by the insect while the product is still active. On edible crops the rule is **spray today – eat tomorrow**.

→ FUNGAL CONTROL:

Under dry conditions alternate your fungal programme at 14-day intervals. Under wetter conditions decrease your spray interval according to infectious periods – product may be used weekly if necessary.

COPPER SOAP 75 ml / 5 l water.

Copper Soap is a preventative product. It will control anthracnose, Downey and powdery mildew, botrytis and black spot.

Actives: Copper Soap - Copper Octanoate (18g / l Cu)

Under wet and humid conditions Phyta can be used.

PHYTA $25 \text{ m}\ell/5 \ell \text{ water}$

This is a preventative and remedial systemic product that will control downy and powdery mildew, botrytis, phytophtora and pythium.

→ FOLIAR FEEDING:

BIOTRISSOL 25 ml / 5l water Fortnightly or as required, spray or drench.

PHYTA 25ml / 5ℓ water Plant Tonic – contains no N, additional disease benefit

→ SLUG AND SNAIL CONTROL

FERRAMOL $5 \text{ g} / \text{m}^2$ Long lasting, rain fast, non-toxic pellets.