



Blood & Bone Liquid Fertiliser

Synerlogic - NPK 8.3.6

Understanding Synerlogic

Our intricate manufacturing process is designed to simulate nature's own soil processes. Synerlogic combines with the earth's bionetwork to provide healthy high-yielding plant growth. At the same time Synerlogic feeds and protects healthy soil, earthworms and soil micro-organisms through a supply of natural, enzyme-enriched nutrients.

Nutrient Analysis

Synerlogic with all its individual components is a product based on natural blood and bone with a range of proteins, amino acids, micro and macro minerals and vitamins.

N	Nitrogen	8%
P	Phosphorus	3%
K	Potassium	6%
Ca	Calcium	0.9%
Mg	Magnesium	0.13%
S	Sulphur	2%
Cu	Copper	94 ppm
Co	Cobalt	16 ppm
Zn	Zinc	115 ppm
Se	Selenium	>0.28 ppm
Fe	Iron	610 ppm
Mo	Molybdenum	119 ppm
B	Boron	160 ppm
Mn	Manganese	70 ppm
I	Iodine	0.14 ppm

Specific Gravity: 1.3

Fertilizer New Zealand has a full range of conventional and BioGro Certified Products. Some solid and liquid products are: BioGest for septic tanks, RPR fertilisers, VitaLife, VitaGest, VerteSea, VerteBlack, Actavize and Synerlogic fertiliser.

Synerlogic's Benefits

1. Provides a range of fertilising elements.
2. Minimises loss from leaching.
3. Improved quality and yield, particularly under stress conditions.
4. Activates and improves enzymatic activity both in the plant and the soil.
5. Improved Brix levels giving sweeter fruit and great tasting, long keeping vegetables.
6. Feeds soil micro-organisms and encourages deeper rooting giving improved soil aeration, permeability and water holding.
7. Reduced transplant shock—won't harm the most tender seedlings when used as directed.
8. Can usually be applied with routine pesticide or herbicide sprays.
9. Good for the environment—low climate changes contributor.





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Application Rate

PASTURE

Synerlogic should not be applied to pasture where ruminants will graze. For this purpose we recommend Actavize liquid fish fertiliser.

FIELD CROPS

Booster 15-20 litres/ha

Dilute 1:200 or 1:150 & apply 3-4 times

Can be applied with routine dressings.

Replacement

Corn, Maize, Brassica 110 – 140 litres/ha

Dilute with as much water as possible & apply when planting out and whenever possible during the growing season.

May be applied with routine sprays.

KIWIFRUIT

15-20 litres/ha

Prior to flowering 2 sprays. After fruit set 2 sprays. Prior to ripening 1 spray. After harvest 1 spray. Dilute 1:200 or 1:150. Can be applied with routine sprays.

NURSERIES, TREES, SHRUBS

Dilute 1:200 or 1:150 & apply every 10-14 days during the growing season. Use as a foliar spray and apply to drip point. As a base fertiliser dilute with as much water as possible & apply before planting out. Use 15ml concentrate per square metre.

FOLIAR SPRAY

Pip & Stone Fruit, Citrus & Berryfruit, Glasshouse Crops, Flowers. Apply diluted 1:200 or 1:150 at 3-4 weeks intervals during early fruit growth & longer intervals from then onwards. Use with routine sprays for efficiency. Final rates will depend on amount of base fertilizer used. Apply to drip point.

SEEDLINGS

Dilute 1:250 & soak seedlings overnight. Otherwise, add bottom of hole dug for seedling. Will not harm the most tender seedling.

HYDROPONICS

Ideal for foliar application diluted 1:200.

APPLICATION INFORMATION & TIPS

Dilution: Dilute 1:200 or 1:150. **Mixing:** Always add water to tank first, then add pre-mixed fertiliser. In all instances Synerlogic can be applied in split dressings. Can also be added to your regular sprays although when mixing for the first time test on a small scale first and consult spray manufacturer's recommendations as to additives. **Agitation:** Contents may settle on standing and drum should be well agitated prior to use by stirring or rolling. **Filters:** Maximum particle size is 197 microns (.197mm). Very fine filters may need to be removed from your spraying equipment, or alternatively pre-mix your fertiliser with water and strain prior to adding to final amount of water.

Application Timing: In line with good spraying practice we do not recommend using this product in the heat of the day. Early morning or late evening is preferable.

Storage: Due to its organic base, this product should not be stored after dilution. In its concentrated form it may be stored in a cool dark place indefinitely. **Non-toxic:** Synerlogic liquid fertiliser technology means it is efficient to make, efficient to use, efficient in its action, doesn't leach into our waterways and is a low climate change contributor. It is also not harmful to beneficial insects, birds or livestock when used as directed.

Liability: Because of the wide variance in soil properties and fertility, climatic conditions, handling, mixing and application, the Company cannot be held responsible for the results obtained.



To talk to our fertiliser experts call 0800 337 869
To find out more visit www.fertnz.co.nz