



ORGANIC GARDENING

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Tips on how to care
for your garden





AGRI-BOOST

LOCALLY PRODUCED ORGANIC FERTILIZER

Agri-Boost is an organic, certified, and locally produced fertilizer, with sterilised abattoir blood and bone as main ingredients. The final product is further fortified with Sea Kelp, Fulvic acid, Humic acid, nano micro-elements and soil micro-organism to ensure a well balanced organic food source for plants and soil.

Agri-boost therefore supply the soil and plant with essential organic elements needed for life, normally depleted due to the overuse of chemical fertilizer. Blood is a high protein source and the main supply of Carbon and Nitrogen in Agri-Boost in the form of peptides and L-amino acids. Bone is the main source of Phosphorus and Calcium. This combination insures a well balanced organic source of NPK with high carbon content. Organic fertilizer releases essential nutrients, which are vital for healthy plant growth. As organic fertilizers break down, they improve the structure of the soil and enhance its ability to retain water and nutrients. Organic fertilizers will ultimately deliver healthy strong soil and plants.

Agri-Boost is manufactured in liquid format and can be applied as a soil and foliar feed, and can replace a large part or full chemical fertilizer program. The product can be easily applied in liquid form via knapsack, pivot, drip irrigation or tractor spray. A tablet is also manufactured for trees and can be introduced approx 20mm into the soil near the plant.

A few advantages of Agri-Boost:

- Able to be used in full organic farming or in combination with chemical fertilizer
- Supply fast and slow-release organic NPK for sustainable growth
- Enhances aggregate stability, improve water infiltration and soil aeration, reduce runoff and soil erosion
- Stimulates root health and growth
- Increase plant stress resistance
- Safe for animals, birds and bees

PRODUCT ANALYSIS AND COMPOSITION:	
CONTENT: (DRY BASE)	
N	82g/kg
P	20g/kg
K	62g/kg
Ca	43g/kg
Fulvic Acid	10g/kg
Humic Acid	10g/kg
S	3,6g/kg
Fe	2,2g/kg
Mg	1,3g/kg
Mn	300mg/kg
Zn	250mg/kg
B	100mg/kg
Cu	80mg/kg
Mo	4mg/kg
PHYTO GROWTH METABOLITES	
Auxins	Gibberellins Cytokinin
INGREDIENTS	
- Ceres Certified Sterilised Animal Blood - Ceres Certified Sterilised Animal Bone - Kelp - Fulvic Acid - Humic Acid - Nano Micro-Elements - Soil Micro Organisms	



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NITRO-BOOST

ORGANIC NITROGEN LIQUID FERTILIZER

PRODUCT ANALYSIS AND COMPOSITION:

CONTENT: (DRY BASE)

N	150g/kg
P	0g/kg
K	0g/kg
Ca	1,52g/kg
Fulvic Acid	10g/kg
Humic Acid	10g/kg
S	5,5g/kg
Fe	3,3g/kg
Mg	309mg/kg
Mn	39mg/kg
Zn	47mg/kg
B	40mg/kg
Cu	8,8mg/kg

INGREDIENTS

- Ceres Certified Sterilised Animal Blood
- Fulvic Acid
- Humic Acid

Nitro-Boost is a concentrated source of nitrogen that is also rich in humic and fulvic acid, organic matter and trace elements. The main ingredient in Nitro-Boost is blood meal and is the perfect choice for a long-term nitrogen supplement and soil conditioner.

Blood has a high protein concentration and is the main source of carbon and nitrogen in Nitro-Boost in the form of amino acids, and specifically, peptides and L-amino acids. Proteins in Nitro-Boost have been broken down into their smallest components and are immediately available to the plant for absorption. The effect of this is that the plant does not need to produce amino acids as these building blocks are already in the correct form so that the plant can synthesize chlorophyll directly from the Nitro-Boost as it is absorbed by the leaves and roots.

Nitrogen is an essential nutrient for plant growth, development and cell division. Despite nitrogen being one of the most abundant elements on earth, a nitrogen deficiency is probably the most common nutritional problem affecting plants worldwide – nitrogen from the atmosphere and earth's crust is not directly available to plants.

The benefits of using Nitro-Boost:

- Improves plant's ability to absorb nutrients and optimize soil structure.
- Improve fertilizer utilization;
- Maintenance of good grass colour, density and strong growth;
- Less susceptible and more resistant to diseases and stress conditions.

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LAWN CARE

HOW TO GROW GREENER GRASS

We all want lush, thick grass that's the perfect shade of green — but it's not as easy as just mowing the lawn and calling it good. Grass often fades, develops mysterious dry or dead patches, or suddenly thins. Thankfully, there are some simple steps you can take to remedy this and get a vibrant, dense, super-green lawn carpet.

- Mow your grass regularly. The more you stimulate the blades of grass, the more lush the grass will grow. It is also important not to cut it too short, but rather more often.
- Give the right fertilizer. Use Agri-Boost as a super food for your garden, it is easy to apply and convenient to use.
- Agri-Boost needs to be applied to the grass when mowed short diluted at 1:100 (diluted 10ml Agri-Boost with 1Lt of Water) through any irrigation system as foliar feed. Or bi-weekly on problem areas. Agri-Boost can be applied weekly and Nitro-Boost bi-weekly.
- Grass can be watered or receive water approximately 4 hours after Agri-Boost has been applied.
- Grass that grows under trees must get twice as much Agri-Boost as the rest, since the roots of the big trees absorb much more nutrition.
- The average requirement for lawns is 25 mm of water every seven days. This amounts to one hour of sprinkling per week.
- When Roll-on lawns are laid, please remember that the bulk of the roots of grass was cut to be transplanted. Before the grass is laid, the soil underneath must be soaked with water. Agri-Boost can also be mixed with the water and applied before the grass is planted or applied. This will ensure that root growth continues strong and normal again. In the first few weeks thereafter, the grass must get enough water every few days to keep it wet to a depth of at least 20cm.

QUESTIONS YOU MIGHT HAVE

What do I do about dead grass patches?

Clear out any dead, matted turf, dead grass and other debris and loosen the soil. Scatter a good-quality grass seed over the loosened soil. Lightly scratch in the seed so that some of it is incorporated into the top quarter-inch of the soil and some is at or near the surface. Lightly tamp for good seed/soil contact. Get new growth off to a good start by watering the scattering a small amount of lawn fertilizer specially formulated for new grass.

When is the best time of day to water my lawn?

Watering in the morning (before 10am) is the best time for your lawn; it's cooler and winds tend to be calmer so water can soak into the soil and be absorbed by the grass roots before it can evaporate. If you must water in the evening, try between 4 and 6pm which should give the grass blades time to dry before nightfall.

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ROSE CARE

GROWING & CARING FOR YOUR ROSES

Roses are some of the most beautiful and versatile garden plants. They come in a variety of forms, from patio roses to shrub roses, ramblers and climbers. Nearly all of them make an excellent cut flower. Single-flowered roses are great pollinator plants, while some species are used by leafcutter bees to make their nests. According to the Guinness Book of World Records, roses are the oldest species of plant to be grown as decoration. The rose scent is one of the flower's most treasured characteristics and their scent is an important element in many of the world's best and most successful perfume blends.

Key points about growing roses:

- In South Africa, most rose varieties can tolerate full sun but will thrive when provided with morning sun and afternoon shade, especially during our warm summers.
- To ensure optimal growth, roses require soil that is rich, moist, and well-drained. To prevent compaction, it is important to mix in compost to the soil.
- The roots of roses must be aerated to grow and develop healthy and strong.
- Water roses regularly so the soil stays moist but not waterlogged
- Roses are hungry plants. Mulch annually with organic matter such as the Agri-Boost full range of products to promote flowering in summer
- Prune roses annually to promote healthy growth, control the shape and encourage flowering
- With Agri-Boost Organic Fertilizer we encourage feeding right through our winter months.
- While some plants may enter a dormant state during the winter and not require any feeding, the soil remains active and can still benefit from fertilization.
- The soil needs feeding to be able to stay as healthy as possible for good growth once spring season starts.
- Healthy soil = Healthy strong plants.

AGRI-BOOST ROSE PROGRAM

Agri-Boost Liquid - Diluted 10ml Agri-Boost with 1Lt of Water - 1 to 2 times a week on ground and all over the leaves of plants.

Slow Release Tablets - Every 3 months in all the flowerbeds with roses and plants, also in all the flower pots.

Agri-Boost Pellets - Every 6-8 weeks scattered around all the flowerbeds and on the grass.

Bloodmeal - Can be mulched by the trunk of the roses as additional feeding every 6 weeks and with new planted roses.

Roses need watering daily in the summer and every 2nd or 3rd day in the winter. To enhance their growth, use a watering can to drench the roses with a dilution of Agri-Boost liquid. Roses in flowerbeds can be drenched or irrigated with a hose.

Only if roses need iron, you can add Nitro-Boost Liquid or Bloodmeal into the soil or as foliar feed.

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FLOWER CARE

GROWING FLOWERS IN YOUR GARDEN

Starting a flower garden can be a fun and rewarding experience. Here are some steps you can take to get started:

- Choose a location: Pick a spot in your yard that gets the right amount of sunlight and has well-draining soil.
- Plan your garden: Decide on the types of flowers you want to plant and the overall layout of your garden. Make a sketch of your plan and take note of the size and light requirements of each plant.
- Prepare the soil: Test your soil to determine its pH level and nutrient content. To ensure optimal growth, flowers require soil that is rich, moist, and well-drained. To prevent compaction, it is important to mix in compost to the soil.
- Plant your flowers: Choose plants that are appropriate for your climate and the conditions of your garden. Follow the instructions on the seed packets or plant labels for planting depth and spacing.
- Water and fertilize: Keep your plants well-watered, especially during dry spells. Use Agri-Boost Organic Fertilizer to give your flowers the necessary nutrients to grow.
- Maintain and care: Keep an eye on your flowers and address any issues such as pests or disease as soon as possible. Deadhead spent blooms and clean up debris to keep the garden looking neat and tidy. With Agri-Boost Organic Fertilizer we encourage feeding right through our winter months. Remember, while some plants may enter a dormant state during the winter and not require any feeding, the soil remains active and can still benefit from fertilization. Soil needs feeding to be able to stay as healthy as possible for good growth once spring season starts.
- Enjoy your garden: Spend time in your garden, enjoy the beauty of your flowers and the benefits of having a garden such as fresh air and nature.

Remember that gardening is a process and it will take time to see the results. Be patient and enjoy the process.

AGRI-BOOST FLOWER FERTILIZER PROGRAM

Agri-Boost Liquid - Diluted 10ml Agri-Boost with 1Lt of Water - 1 to 2 times a week can be sprayed or drenched over entire plant and soil.

Slow Release Tablets - Every 3 months in all the flowerbeds and plants, also in all the flower pots.

Agri-Boost Pellets - Every 6-8 weeks scattered around all the flowerbeds and on the grass.

Bloodmeal - Can be mulched by the roots of the flowers as additional feeding every 6 weeks

Flowers need watering daily in the summer and every 2nd or 3rd day in the winter.

To enhance the growth of flowers in a pot, use a watering can to drench the flowers with a dilution of Agri-Boost liquid.

Flowers in flowerbeds can be drenched or irrigated with a hose.



TREE CARE

CARING FOR YOUR TREES

Caring for the trees in your garden is important to ensure their healthy growth and longevity. Here are some steps you can take to care for the trees in your garden:

- **Provide adequate water:** Trees need a consistent water supply to establish deep roots and thrive. Water deeply, focusing on the root zone, and water more frequently during hot, dry weather.
- **Mulching:** Adding a layer of mulch around the base of the tree helps to retain moisture, suppress weeds, and keep the soil cool.
- **Fertilizing:** Trees need nutrients to grow, and Agri-Boost Organic Fertilizer can provide them with the necessary nutrients.
- **Pruning:** Regular pruning helps to remove dead or damaged branches, shape the tree, and promote healthy growth. Make sure to use proper pruning techniques to avoid damaging the tree.
- **Pest control:** Trees can be affected by pests and diseases. Keep an eye out for signs of damage, and consult with a tree expert or use appropriate pesticides if needed.
- **Proper Planting:** Planting the tree in the right location, in the right soil and with proper planting technique will help the tree establish itself and thrive for years to come.
- **Regular Inspection:** Regularly inspecting your trees for any signs of damage, pests, diseases or other issues will help you address them in a timely manner and keep your trees healthy.
- **Be mindful of the tree's specific needs:** Some trees have specific requirements like sunlight, soil, and temperature, so be sure to research the species of tree you're caring for.

Remember that different types of trees have different needs, so it's important to research the specific care requirements of the trees in your garden.

AGRI-BOOST TREE FERTILIZER PROGRAM

Agri-Boost Liquid - Diluted 10ml Agri-Boost with 1Lt of Water - 1 to 2 times a week can be sprayed or drenched over entire tree and poured at the base of the tree in the soil.

Slow Release Tablets - Every 3 months, 1 tablet placed 10cm in the soil at the base of the trunk

Agri-Boost Pellets - Every 6-8 weeks scattered at the base of each tree trunk

Bloodmeal - Can be mulched by the roots of the smaller trees as additional feeding every 6 weeks

Trees need watering daily in the summer and every 2nd or 3rd day in the winter.

To enhance the growth of the tree, use a watering can to drench the trees with a dilution of Agri-Boost liquid.



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