

CATALOGUE

2024



BIONOVA

PREMIUM FERTILIZERS



Quite possibly, the world's most cost-effective nutrients.



BIONOVA
PREMIUM FERTILIZERS

<https://bionovanutrients.com>

https://www.instagram.com/growpro_za/



<https://grow-pro.co.za>

THE HISTORY

Picture this...

it's the early 1990s, and Bionova is poised to revolutionize the way we think about fertilizers. No longer satisfied with simply mixing nutrients, they embark on a journey to engineer the most cost-effective, premium fertilizers on the planet. And they do it all while maintaining a deep respect for our world, embracing complete CO2 neutrality in their laboratory and processing facility.

Fast-forward to 2018, South Africa experiences a monumental shift. Private cannabis use becomes legal, laying the groundwork for a market that's ready to explode. It's akin to the early days of the internet, but this time it's the allure of a different kind of green that captivates all.

Bionova sees the potential and they know they have something that can help power this green revolution – their superior fertilizers. It's like rocket fuel for plants! So they set their sights on South Africa and join forces with Grow Pro, an alliance that teams up the best in the business. Together, they aren't just delivering nutrients; they're paving the way to success for both seasoned cultivators and newcomers in the cannabis cultivation industry.

This isn't just about growing plants, it's about growing an industry and you are the most important part of it. So whether you're an old school veteran or a fresh face in the industry, we are here to support and elevate your cannabis cultivation journey.

If you're ready to take a leap into the future of cannabis cultivation, reach out to us.

*This is where the next chapter of the green revolution is
being written. Let's write it together!*



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KILLER FACTS



Affordable Quality: Bionova strikes the perfect balance with exceptionally concentrated, premium quality nutrients that remain the world's most cost-effective - plant excellence made economical for you.



Instant Boost, Lasting Impact: Bionova's food-grade minerals deliver immediate bio-availability, powering your plants with an instant and sustained plant uptake.



Heavy on Results, Light on Metals: Bionova's products are free of heavy metals, offering the cleanest R.E.A.C.H certified, nutrients in the world.



Certified and trusted: Bionova's Bio-Stimulators – 100% vegan, organically certified by Control Union. The perfect partner for sustainable and efficient farming.



Bionova's promise of quality: Global sourcing from the finest ingredients, all blended in-house - every product is a testament to our 30+ years of experience, excellence and a passion for growing.



Universal: Perfect for all growing and flowering crops, Bionova provides nutrients for all stages of plant life.

PRICING



South Africa RECOMENDED RETAIL PRICE LIST

Product	Size (L)	Quantity	Retail Price	Notes
Coco Brick	10	6	R 266	Coco brick washed and buffered with calcium and magnesium
Bio Soilmix	50	1	R 258	Pre-fertilized organic potting soil, containing only vegan ingredients
Cocomix Plus	50	1	R 326	Grinded and sieved 100% cocopeat substrate
PK 13-14	0.25	1	R 235	(1:1,000) Perfect Phosphorus and Potassium for flowering & fruit
PK 13-14	1	1	R 526	
PK 13-14	5	1	R 2302	
PK 13-14	20	1	R 8385	
Coco Forte A+B Coco	1	1	R 702	(1:600) extremely effective and concentrated Coco fertilizer
Coco Forte A+B Coco	5	1	R 2428	
Coco Forte A+B Coco	20	1	R 8362	

Note: All prices are inclusive of South African V.A.T., import duties, landed in in country (CT, EL, DBN, JHB, PTR). Commercial and Trade please contact Grow Pro Sales for volume and rebate pricing lists.

	ml per L - Less is better		Cost per L - Less is better	
	GROW	FLOWER	GROW	FLOWER
COCO FORTE A+B	1.8	3.6	R0.33	R0.65
COMPEDITOR A	6.4	6.6	R0.89	R0.93
COMPEDITOR B	6.0	8.0	R0.96	R1.28
COMPEDITOR C	3.0	4.2	R0.72	R1

BIONOVA



SPEND LESS, GROW MORE!

MAIN FERTILIZERS

COCO FORTE A+B

"Exclusively Formulated for Coco - the World's Most Concentrated Fertilizer since 1995!"



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**WE'RE
NOT THE
SAME**

**WHEN DID YOU LAST
AUDIT THE MINERAL
QUALITY OF YOUR
NUTRIENTS?**



BIONOVA



OTHERS

**WE'RE
NOT THE
SAME**

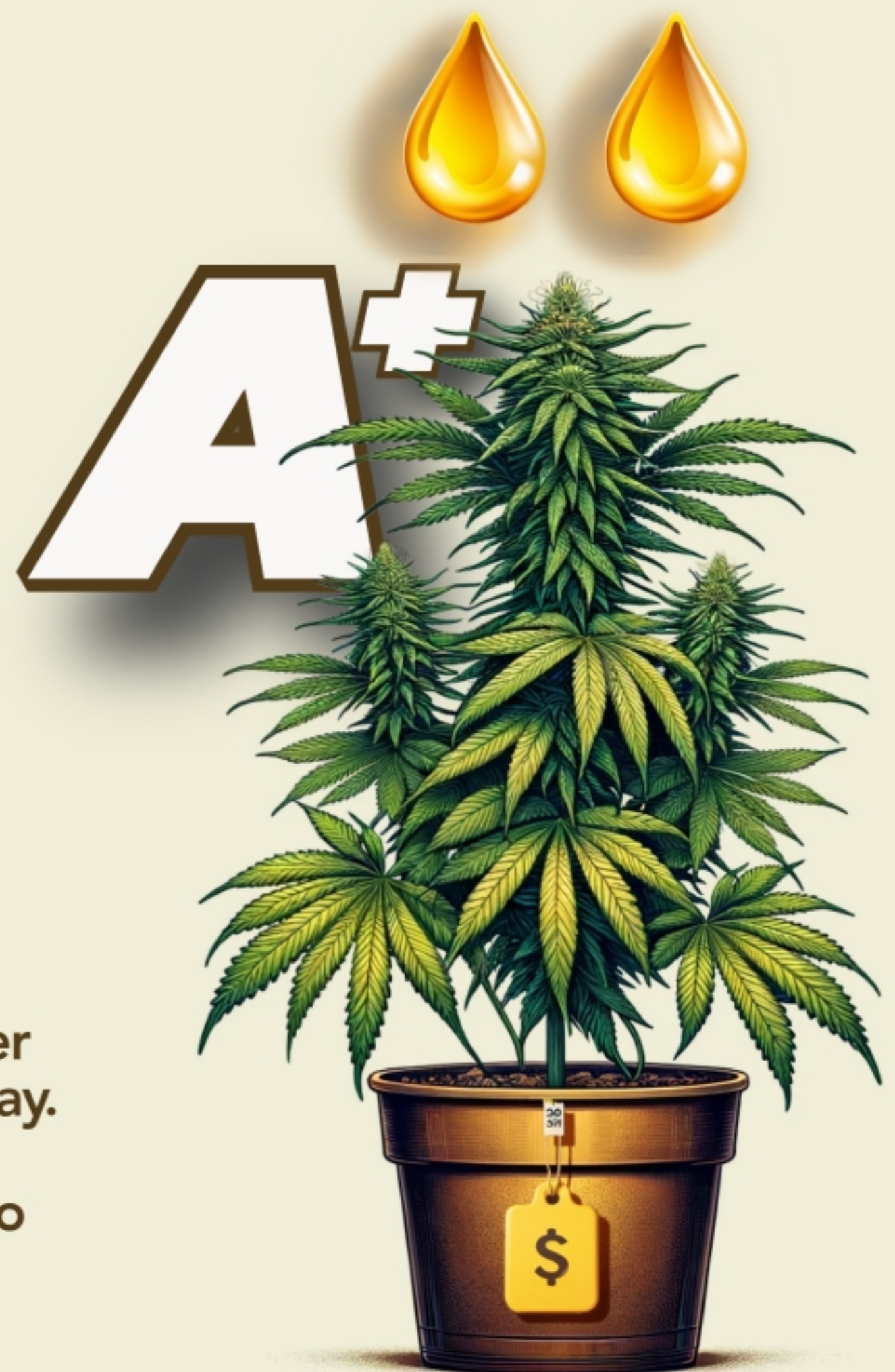
Many agricultural products offer lower mineral concentrations, so you end up using more. But with 'Food Grade' cannabis-specific nutrients, you use less because they're packed with more of the good stuff your plants love.

WHY DOES THAT MATTER?

Because purer nutrients are more bioavailable, meaning your plants absorb them more efficiently and effectively, which results in denser, healthier yields.

WHY SHOULD I CARE?

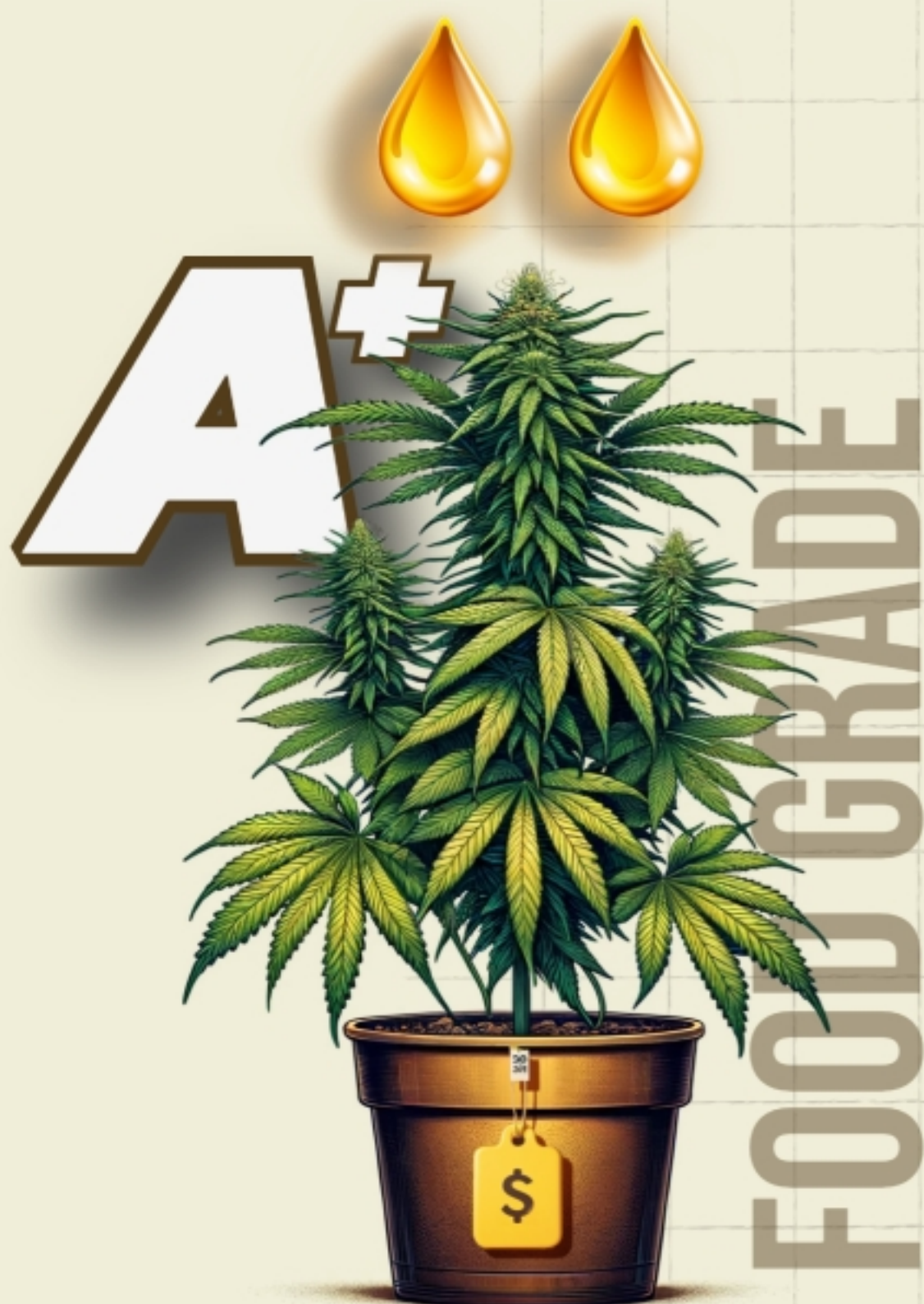
You'll use less — thanks to the higher concentration, a little goes a long way. This means every drop not only enhances your plants' health but also preserves your wallet's well-being.

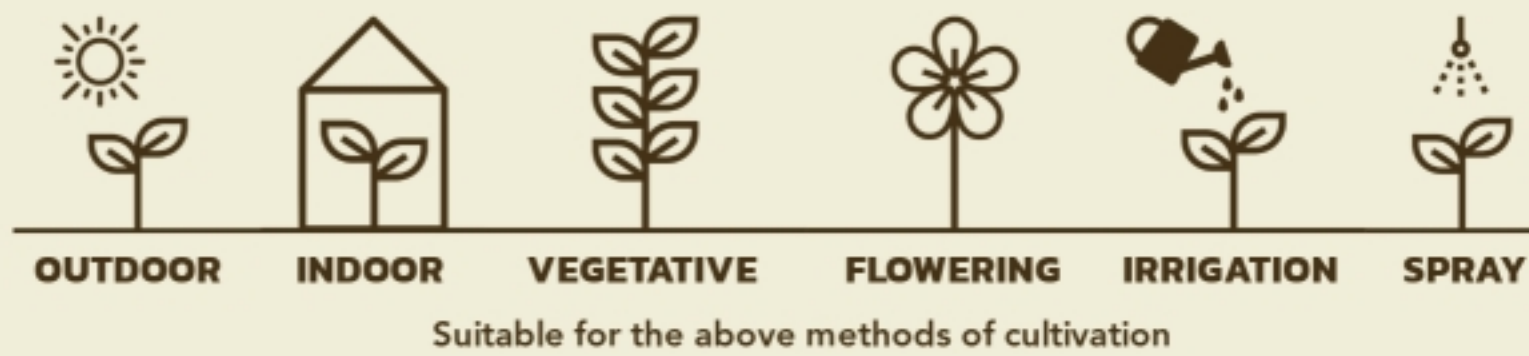


**WE'RE
SPECIAL**

LIKE A UNICORN :)

Bionova stands out by offering unparalleled efficiency in plant nutrition, typically requiring only half the amount of nutrients compared to other brands. Remarkably, it accomplishes this without compromising on affordability—delivering the same or even better value per milliliter than competing brands.





WHAT?

Unleash the power of Coco Forte A+B, the most cost-effective cultivation solution for cocolibre substrates. With its unique buffering capabilities and concentrated formula, Coco Forte A+B ensures optimal absorption of essential nutrients. Packed with food-grade minerals and trace elements, this powerful combination fuels rapid growth and abundant flowering. Gain full control over your plants as they directly absorb the highest quality nutrients. With very low values of ballast salts and heavy metals, say goodbye to clogged irrigation systems and hello to a cleaner, premium plant nutrient. Remember, for maximum results, pair Coco Forte A with Coco Forte B. Elevate your cultivation game with Bionova's, Coco Forte today!

WHEN?

From the first week of growth to just a week before harvest, Coco Forte A+B is your go-to solution. With mandatory flushing, Bionova Coco Forte A+B can be used for irrigation throughout your entire cultivation journey. But that's not all! Coco Forte A+B seamlessly pairs with all Bionova stimulators, minerals, universals, and substrates, offering you limitless possibilities. Embrace the flexibility and maximize your yields with Coco Forte A+B. It's time to elevate your cultivation game to new heights!

HOW?

To harness the full potential of Coco Forte A+B, simply shake well and add 9-18 ml per 10 liters of water every time you prepare your nutrient solution. This carefully calibrated blend is designed to be used with each irrigation, ensuring your plants receive the perfect nourishment. Continue using this solution until just one week prior to harvest, allowing your plants to flourish. Experience the exceptional benefits of Coco Forte A+B and unlock remarkable yields. Elevate your cultivation game today!

EC FERTILIZER

Calcium nitrate solution 8 (11)

NPK 8-0-0 + 11,5% CaO + 3% MgO

8% Total Nitrogen (N) of which: 8% Nitric Nitrogen (N)
11.5% Calcium oxide (CaO), water soluble
3% Magnesium oxide (MgO), water soluble.

Solution of PK fertilizers 0-6-12

6.5% Phosphor pentoxide (P₂O₅), water soluble
12% Potassium oxide (K₂O), water soluble
4% Sulfur trioxide (SO₃), water soluble

**Feeding
Charts!**

Get your fertilizer plan and more at
www.grow-pro.co.za/main-fertilisers



UNIVERSALS

PK 13-14 ORIGINAL

"Experience the legacy of Bionova, the inventors of the flawless Phosphorus and Potassium balance in PK 13-14!"



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WHAT?

Experience the perfect blend of Phosphorus and Potassium in PK 13-14. Phosphorus triggers blooming and Potassium boosts flowering, ensuring lush blooms. Our PK 13-14, made from food-grade minerals, is free of ballast salts and heavy metals, providing a pure, high-quality product. It's directly absorbable by roots, leaving no residue. For best results, use PK 13-14 with our Main Fertilizers: Soil Supermix, Hydro Supermix, Aero Supermix, or Autoflower Supermix. Experience exceptional plant growth with PK 13-14 today!

WHEN?

From the initial week of flowering until the final week before harvest, PK 13-14 is the ultimate solution you need. Its versatile nature allows it to be used for irrigation throughout the entire flowering stage. But wait, there's more! PK 13-14 effortlessly combines with all Bionova stimulators, minerals, universals, and substrates, providing you with endless possibilities. Embrace the flexibility and unlock the full potential of your yields with PK 13-14. It's time to take your cultivation game to unprecedented heights!

HOW?

To unleash the full potential of PK 13-14, simply shake well and add 2-6ml per 10 litres of water each time you prepare your nutrient solution. This precisely calibrated formula is designed to be used with every irrigation, ensuring your plants receive the perfect dosage during the entire flowering period. Experience the remarkable effects as your plants flourish and produce abundant blooms. Elevate your cultivation game and maximize your yields with PK 13-14. Get ready to witness extraordinary flowering like never before!

Pro Tip

Deficiencies often occur due to poor quality of substrates and/or abnormal pH values of the nutrient solution. To cure deficient plants you can apply a solution of PK13-14 with dilution rate of 2.5 - 5 ml in 10 litres of water by irrigation or foliar spray.

Feeding Charts!

Get your fertilizer plan and more at www.grow-pro.co.za/stimulants



SUBSTRATES

SOIL AND COCO

Delight in the purest vegan cultivation with our 100% vegan
LIGHT fertilized "Bio Soilmix".



BIONOVA
PREMIUM FERTILIZERS

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<https://grow-pro.co.za>

BIO
SOILMIX
PH = 6.0
EC = 0.8



100% vegan LIGHT fertilized soil

WHAT?

Unleash the power of Bionova Bio Soilmix, an exceptional pre-fertilized organic potting soil crafted exclusively from vegan ingredients. This extraordinary substrate combines ground and sieved garden compost, black peat, white peat, and a vegan fertilizer enriched with specific additives. Packaged in 50-liter recyclable plastic bags, it's a convenient ready-to-use solution.

The included fertilizer provides nourishment for 1-2 weeks (depending on plant and pot size), setting the stage for healthy growth. Afterward, a liquid fertilizer becomes essential, and we highly recommend Bionova Soil Supermix for optimal results. Prepare for sublime quality and long-lasting airiness, as Bio Soilmix keeps its exceptional traits intact for an extended period.

Rest assured, Bio Soilmix is completely free of chemicals and animal waste, reflecting our commitment to your plants' well-being and the environment. In addition, both Bio Soilmix and our Cocomix Plus bear the prestigious RHP trademark, guaranteeing the superior quality you expect from Bionova. Look for the RHP logo to ensure you're working with top-notch substrates.

Experience the pinnacle of cultivation with Bio Soilmix. Elevate your plants to extraordinary heights while embracing the assurance of quality. Trust Bionova, your partner in exceptional substrates!



APPROVED INPUT:
National Organic
Program NOP
P146614



CERTIFIED
INPUT: Organic EU
P146614



COMPOSITION

- Black peat 17%, 7,0% Organic Nitrogen (N)
White peat 73%, 3,0% Organic Phosphorus (P)
Perlite 10%, Organic compost 3,0% Organic Potassium (K)
2,0% Organic Magnesium (Mg)
1.0 Kg Organic Vegan Fertilizer + 2 MgO per derived from:
- Green compost (made in Holland, plant based)
 - Vinasse Potassium
 - Rock Phosphate
 - Magnesium rock

**Learn
More!**



<https://www.grow-pro.co.za/substrates>



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COCO MIX & BRICKS



WASHED AND BUFFERED COCOS!

COCOMIX PLUS

Experience the excellence of Cocomix Plus, an outstanding natural coco substrate crafted with care. This coco mix is derived from washed and buffered cocopeat sourced from the magnificent coco palm trees of Sri Lanka. Packaged in recyclable 50-liter plastic bags, it's a convenient and ready-to-use solution for your cultivation needs. As this substrate is not fertilized, it's important to begin fertilizing after planting to nourish your plants adequately.

For optimal results, we highly recommend pairing Cocomix Plus with Coco Forte A+B. This highly effective mix boasts exceptional quality and maintains its airy texture over an extended period. What's more, Cocomix Plus is perlite-free, making it 100% compostable, aligning with eco-friendly practices. Rest assured, this substrate is completely free from chemical and animal ingredients, promoting a natural and sustainable cultivation approach.

Unlock the true potential of your plants with Cocomix Plus. Embrace the purity and quality that it offers. Elevate your cultivation game to new heights while treading lightly on the environment. Choose Cocomix Plus for a greener and more fruitful future!

COCOMIX BRICK

Unleash the power of highly compressed Coco Brick, a remarkable natural 100% natural coco substrate. Each package contains six bricks, which, when combined with 4 liters of water, expand approximately tenfold, resulting in 60 liters of ready-to-use coconut substrate. Bionova Coco Brick is meticulously washed and buffered with Calcium and Magnesium, ensuring optimal nutrient availability for your plants. It provides the perfect foundation for healthy growth and abundant yields.

Embrace the convenience and versatility of Coco Brick as it effortlessly transforms into a high-quality coco substrate. Say goodbye to heavy bags and hello to easy-to-use, space-saving bricks. Unlock the potential of your plants with Coco Brick. Experience the benefits of a premium coco substrate, meticulously prepared to provide the best possible environment for your cultivation endeavors. Elevate your gardening game with Coco Brick today!

**TRUST THE RHP LOGO FOR BIONOVA'S
SUPERIOR QUALITY IN BIO
SOILMIX AND
COCOMIX PLUS SUBSTRATES.**



COCOMIX PLUS

EC +/- 0.2
PH +/- 6.5
Available in 50L
bags or pallets of
65 bags

**Learn
More!**



www.grow-pro.co.za/substrates

COCO BRICK

EC < 0.5 mS/cm
PH = 6.0
6 bricks packed per
carrier bag, 24
bricks per box.

**Learn
More!**



www.grow-pro.co.za/substrates

10L COCO BRICKS



**WASHED, BUFFERED
AND PRESSED
COCOBICKS!**



EC AND PH

Maximum EC Value < 0.5mS/cm*

Maximum pH Value of 6.0

*(SGS testing range observed 0.14-0.25 – see page 6)

AVAILABLE IN UNITS

- Cocobrick is packed per 6 in a carrier bag or per 24 pieces in a box.
- A 40 foot container of 48 pallets will deliver 368,640 liters of expanded Coco Substrate.
- A 20 foot container of 24 pallets will deliver 184,432 liters of expanded Coco Substrate.

COCOMIX BRICK

Unleash the power of highly compressed Coco Brick, a remarkable 100% natural coco substrate. Each package contains six bricks, which, when combined with 4 liters of water, expand approximately tenfold, resulting in 60 liters of ready-to-use coconut substrate. Bionova Coco Brick is meticulously washed and buffered with Calcium and Magnesium, ensuring optimal nutrient availability for your plants. It provides the perfect foundation for healthy growth and abundant yields.

Trust the RHP logo for Bionova's superior quality in Bio Soilmix and Cocomix Plus substrates.



COCO BRICK
EC < 0.5 mS/cm
PH = 6.0
6 bricks packed per carrier bag, 24 bricks per box.

Learn More!



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ANALYTICS REPORT

ANALYTICAL REPORT SP23-0311989

SGS Nederland B.V. Division: SGS Food Lab
Puntweg 63208 LD Spijkenisse
Dir Tel +31 (0) 88 214 45 00
Email: nl.horti@sgs.com

HEAVY METALS*		ELEMENTS (ICP-OES)	
Arsenic (mg/kg ds)	<4.0	Potassium (as K) (mg/l)	30
Cadium (mg/kg ds)	<0.20	Sodium (as Na) (mg/l)	16
Chrome (mg/kg ds)	<0.10	Calcium (as Ca) (mg/l)	<8.0
Mercury (mg/kg ds)	0.1	Magnesium (as Mg) (mg/l)	<4.9
Nickel (mg/kg ds)	<4.0	Silicon (as Si) (mg/l)	<5.6
Lead (mg/kg ds)	<0.10	Sulphur (as SO4) (mg/l)	<19
Selenium (mg/kg ds)	<1.5	Phosphorus (as H2PO4) (mg/l)	<9.7
Dry Matter (WT%)	13.3	Iron (as Fe) (µg/l)	570
CONTINUOUS FLOW ANALYSES (CFA)		Manganese (as Mn) (µg/l)	<11
EC (mScm 25°C) (mS/cm)	<0.14	Zinc (as Zn) (µg/l)	<6.5
Ammonium (as NH4) (mg/l)	<3.6	Boron (as B) (µg/l)	85
Nitrate (as NO3) (mg/l)	12	Copper (as Cu) (µg/l)	19
Chloride (as Cl) (mg/l)	16	Molybdenum (as Mo) (µg/l)	<9.6
Bicarbonate (as HCO3) (mg/l)	12		

*SGS detailed testing results will always detect small amounts of trace elements in the substrate. Including heavy metals, which are well within the permissible range for clean cannabis COA's

**BIONOVA CONSISTENTLY BATCH TESTS AND
RECORDS EC OF 0.15 TO 0.25
WITH A MAXIMUM EC OF 0.5**

VERIFIED

OUR QUALITY COMMITMENT

Bionova is a distinguished Dutch horticultural brand with a global reputation for manufacturing premium fertilizers, stimulators, and substrates. With a 30-year track record dedicated specifically to the cannabis market, they ensure the quality of their products through frequent batch testing, validated with regular reporting by the globally renowned SGS labs.

We monitor Chloride content EC values carefully

- Measure whether the coco coir has been washed thoroughly & whether it contains excess salts.
- A high chloride level in your medium will reduce nitrogen uptake resulting in nitrogen deficiency.
- Bionova operates on a Maximum EC Level no greater than 0.5. Actual test results indicate an EC of 0.15 to 0.25

We monitor for presence of Heavy Metals values

- We don't only test for the "Big Four" Heavy Metals.
- Regular testing of Arsenic, Cadmium, Chrome, Mercury, Nickel, Lead, Selenium by SGS Group labs in Holland.
- Container orders receive sample testing in South Africa for 100% quality assurance.

Grow Pro, in collaboration with Bionova, aims to empower South African commercial cannabis cultivators by providing consistent, premium-quality coco substrate at competitive prices.



MADE IN
HOLLAND
SINCE 1993
PREMIUM FERTILIZERS



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<https://grow-pro.co.za>



**TEAM
CONTACTS**

The deeper your understanding of the cannabis market, the greater you'll appreciate partnering with us.



Jonathan Zeederberg
Cultivation Director
E: Jonathan@grow-pro.co.za



Courtney McKay
Operations Manager
E: Courtney@grow-pro.co.za