



HYDROPONICS · NUTRIENTS · KNOWLEDGE

Product Application Guide

Composition, dosage, and step-by-step application instructions for the neoKesan nutrient range — engineered for hydroponic, soil, and aquaponic growing systems.

neoPonic A · B

Full-cycle base nutrient

neoFolix X1 · X2

Leafy greens & foliar growth

neoBloom X1 · X2 · X3

Flowering & fruiting booster

FULL-CYCLE FORMULA

Base Nutrient

neoPonic

A balanced two-part nutrient system for root initiation through fruiting.

- 1 A balanced full-cycle nutrient solution engineered to optimize plant health from root initiation to fruiting.
- 2 Stable performance in commercial and hobby hydroponic systems alike.
- 3 A balanced blend of essential macro and micronutrients that promotes healthy growth and enhances yield quality.
- 4 Perfect for growers using NFT, DWC, Kratky, or advanced hydroponic setups.



COMPOSITION

neoPonic A		mg / 1 ml
ELEMENT	AMOUNT	
Nitrogen (N)	40.00	
Potassium (K)	33.53	
Calcium (Ca)	40.00	
Iron (Fe)	0.60	

neoPonic B		mg / 1 ml
ELEMENT	AMOUNT	
Phosphorus (P)	8.00	
Potassium (K)	16.47	
Magnesium (Mg)	10.00	
Sulphur (S)	15.80	
Zinc (Zn)	0.40	
Iron (Fe)	0.20	
Manganese (Mn)	0.05	
Copper (Cu)	0.03	
Boron (B)	0.05	
Molybdenum (Mo)	0.01	

● How to Apply — Hydroponic Setup

1

Fill the reservoir with normal tap water.

Ideal TDS < 100

2

Mix neoPonic-A & neoPonic-B each into the water and wait.

50 ml each • 5–10 min

3

Check the TDS of the nutrient solution with a meter.

4

Repeat the process until you reach your desired TDS.

5

Re-check TDS regularly. Top up if it drops significantly.

Every 2–3 days

Recommended TDS range **600 – 1200 ppm** May vary by crop, stage & environment

● How to Apply — Soil (Small Pot or Garden)

1

Take one litre of water and mix neoPonic-A & neoPonic-B each into it.

2 ml each

2

Apply as a foliar spray, or directly to the growing medium by hand watering.

NEOPONIC — DO'S & DON'TS

✓ Do

✓ Mix an equal proportion of neoPonic-A & neoPonic-B.

✓ Apply a sufficient amount of nutrients.

✓ Apply when there is a significant difference between required and actual TDS.

✗ Don't

✗ Don't directly consume.

✗ Don't spray before harvesting.

✗ Don't apply an excess amount.

✗ Don't directly apply concentrated fertilizer into the root zone of the plant.

Tip — Use proper dosing and regular monitoring to ensure effective nutrient uptake, healthy plants, and maximum growth.

neoFolix

Optimized nutrition for lettuce, spinach, kale, basil, mint, bok choy & more.

- 1 Suitable for a broad spectrum of leafy greens, including lettuce, spinach, kale, basil, mint, bok choy, and more.
- 2 Optimized nutrient balance for NFT, DWC, Kratky, and other hydroponic or aquaponic setups.
- 3 Enriched with macro, micro, and essential trace elements to enhance leafy growth and boost chlorophyll production.
- 4 An advanced foliar growth promoter for soil-less and soil systems.



COMPOSITION

neoFolix X1		mg / 1 ml
ELEMENT	AMOUNT	
Nitrogen (N)	40.00	
Potassium (K)	33.53	
Calcium (Ca)	40.00	
Iron (Fe)	0.60	

neoFolix X2		mg / 1 ml
ELEMENT	AMOUNT	
Phosphorus (P)	8.00	
Potassium (K)	16.47	
Magnesium (Mg)	10.00	
Sulphur (S)	15.80	
Zinc (Zn)	0.40	
Iron (Fe)	0.20	
Manganese (Mn)	0.05	
Copper (Cu)	0.03	
Boron (B)	0.05	
Molybdenum (Mo)	0.01	

● How to Apply — Hydroponic Setup

1

Fill the reservoir with normal tap water.

Ideal TDS < 100

2

Mix NeoFolix-X1 & NeoFolix-X2 each and wait.

50 ml each • 5–10 min

3

Then check the TDS of the nutrient solution.

4

Repeat the process until you reach your desired TDS.

Recommended TDS range

Leafy Greens: 800 – 1000 ppm

Fruiting: 1200 – 1800 ppm

● How to Apply — Soil (Small Pot or Garden)

1

Take one litre of water and mix NeoFolix-X1 & NeoFolix-X2 each into it.

2 ml each

2

Apply as a foliar spray in the morning/evening, or directly to the growing medium by hand watering.

Note — Apply every 7–10 days for best results. Use on clean soil and avoid applying in strong sunlight or extreme heat.

NEOFOLIX — DO'S & DON'TS

✓ Do

- ✓ Mix an equal proportion of NeoFolix-X1 & NeoFolix-X2.
- ✓ Apply a sufficient amount of nutrients.
- ✓ Apply when there is a significant difference between required and actual TDS.

✗ Don't

- ✗ Don't directly consume.
- ✗ Don't spray before harvesting.
- ✗ Don't apply an excess amount.
- ✗ Don't directly apply concentrated fertilizer into the root zone of the plant.

Tip — Follow these Do's and Don'ts for safe and effective use of NeoFolix-X1 & NeoFolix-X2 for healthy plants and better yields.

A BLOOMING SOLUTION

Flowering Booster

neoBloom

Precise nutrient balance for vigorous blooming, pollination & uniform fruiting.

- 1 Ideal for all major flowering and fruiting vegetables.
- 2 Provides the precise nutrient balance needed for vigorous blooming, improved pollination, uniform fruiting, and consistent production.
- 3 An advanced flowering booster for hydroponic and soil systems.
- 4 Created with an optimum balance of macro, micro, and essential trace elements for flowering and fruiting.



COMPOSITION

neoBloom X1		neoBloom X2		neoBloom X3	
mg / 1 ml		mg / 1 ml		mg / 1 ml	
ELEMENT	AMOUNT	ELEMENT	AMOUNT	ELEMENT	AMOUNT
Nitrogen (N)	40.00	Nitrogen (N)	46.80	Phosphorus (P)	16.00
Potassium (K)	33.53	Potassium (K)	44.71	Potassium (K)	32.93
Calcium (Ca)	40.00	Calcium (Ca)	44.00	Magnesium (Mg)	20.00
Iron (Fe)	0.60	Iron (Fe)	0.60	Sulphur (S)	31.60
				Zinc (Zn)	0.80
				Iron (Fe)	0.40
				Manganese (Mn)	0.10
				Copper (Cu)	0.06
				Boron (B)	0.10
				Molybdenum (Mo)	0.02

Recommended TDS range

Vegetative: 800 – 1200 ppm

Flowering & Fruiting: 1000 – 1600 ppm

NEOBLOOM — HOW TO APPLY (HYDROPONIC SETUP)

• Vegetative Growth Stage

Before flowering

1 Fill the reservoir with normal tap water. Ideal TDS < 100	2 Mix NeoBloom-X1 with NeoBloom-X3 and wait. 50 ml + 25 ml • 5–10 min	3 Check the TDS of the nutrient solution.	4 Repeat the process until you reach your desired TDS.	5 Re-check TDS regularly and top up on a significant drop. Every 2–3 days
--	---	---	--	---

• Flowering & Fruiting Stage

After flowering

1 Fill the reservoir with normal tap water. Ideal TDS < 100	2 Mix NeoBloom-X2 with NeoBloom-X3 and wait. 50 ml + 25 ml • 5–10 min	3 Check the TDS of the nutrient solution.	4 Repeat the process until you reach your desired TDS.	5 Re-check TDS regularly and top up on a significant drop. Every 2–3 days
--	---	---	--	---

Note — Maintain the recommended TDS level for your crop and growth stage for best results and optimal plant health.

NEOBLOOM — HOW TO APPLY (SOIL, SMALL POT OR GARDEN)

• Vegetative Growth Stage

Before flowering

1 Take one litre of water and mix NeoBloom-X1 with NeoBloom-X3 into it. 2 ml + 1 ml	2 Apply as a foliar spray, or directly to the growing medium by hand watering.
---	--

• Flowering & Fruiting Stage

After flowering

1 Take one litre of water and mix NeoBloom-X2 with NeoBloom-X3 into it. 2 ml + 1 ml	2 Apply as a foliar spray, or directly to the growing medium by hand watering.
---	--

Note — Use the solution on clean soil. Avoid applying in strong sunlight or extreme heat. Apply in the morning or evening for best results.

NEOBLOOM — DO'S & DON'TS

✓ Do ✓ Use NeoBloom-X1 with NeoBloom-X3 in the vegetative growth stage. ✓ Use NeoBloom-X2 with NeoBloom-X3 in the flowering and fruiting stage. ✓ Apply a sufficient amount of nutrients. ✓ Apply when there is a significant difference between required and actual TDS.	✗ Don't ✗ Don't directly consume. ✗ Don't spray before harvesting. ✗ Don't apply an excess amount. ✗ Don't directly apply concentrated fertilizer into the root zone of the plant.
--	---