

INSTRUCTIONS

Check the PH of the hydroponic solutions before adding the nutrients, The PH should be about 6 - 6.5 (slightly acidic)

Soil

- Add RO water to the bottle to make a concentrate.
- Add 1ml/l to your foliar sprayer.
- Apply from budding stage, till pre-harvest.
- Shake well before use.

Hydroponics & Soilless

- Add RO water to the bottle to make a concentrate.
- The resulting solution will have a ppm of 250,000 of potassium (K)
- For Hydroponic application add 7.5ml/10L to your reservoir.
- Apply from budding stage, till pre-harvest.
- Shake well before use.

Plants	Bellpepper	Strawberry	Tomato	Cucumber
EC	2.0-2.5	1.8-2.2	2.0-5.0	1.7-2.5
pH	6.0-6.5	5.5-6.5	5.5-6.5	5.8-6.0
PPM of K	200	300	300	200
Dosage Instructions	Mix 7.5 ml/10 Liter of water and add the solution	Mix 10 ml/10 Liter of water and add the solution	Mix 10 ml/10 Liter of water and add the solution	Mix 7.5 ml/10 Liter of water and add the solution

Note: If using a conjunction with other nutrients compensate for existing potassium in the solution by diluting with extra water before adding to the nutrient sump tank.

Results

	pH	TDS	Temp.
Initial Readings	7.6	46	18.7
25 Minutes	6.6	1000	18.7
2 Hours	6.6	1000	18.7

After mixing of 1 gm concentrate Phoolan® into 1 liter water:

SALT **PPM**
Potassium 970-1000

AMINO ACIDS

AMINO ACIDS	UNIT	RESULTS
Threonine	g/100g	0.11
Cystine	g/100g	Traces
Valine	g/100g	0.11
Methionine	g/100g	0.11
Isoleucine	g/100g	0.12
Leucine	g/100g	0.12
Tyrosine	g/100g	0.11
Phenylalanine	g/100g	Traces
Histidine	g/100g	Traces
Lysine	g/100g	Traces
Arginine	g/100g	0.11
Tryptophan	g/100g	0.12
Proline	g/100g	0.11
Alanine	g/100g	0.12
Aspartic acid	g/100g	0.07
Glycine	g/100g	0.05
Glutamine	g/100g	0.3
Serine	g/100g	0.4

MICRO / MACRO NUTRIENTS

MICRO/MACRO NUTRIENTS	UNIT	RESULTS
Nitrogen (N)	g/100g	0.54
Phosphorous (P)	g/100g	0.03
Potassium (K)	g/100g	35.78
Sodium (Na)	g/100g	7.43
Calcium (Ca)	g/100g	0.57
Silica (Si)	g/100g	2.84
Magnesium (Mg)	g/100g	1.15
Iron (Fe)	g/100g	0.05
Sulphur (S)	g/100g	2.4
Boron as (B)	g/100g	0.1
Copper (Cu)	mg/kg	7.46
Zinc (Zn)	mg/kg	47.82
Manganese (Mn)	mg/kg	20.5
Cobalt	mg/kg	0.5

Note: After 20 minutes check the EC & PH of the water and add more water or nutrient if required. The ideal PH and EC levels differ from plant to plant and can be found on our blog <http://www.pindfresh.com/index.php/ph-tds-ppm-levels-for-vegetables>

Note: Every plant requires a different PH and EC level - Please use the nutrients carefully

Superblooming Seaweed Extract

25g Bottle

Omri Certified Organic Nutrient
SKU IZ0553

PHOOLAN

Jee Aayan Nu.

Thank you for trusting us and purchasing our Organic super-blooming agents - Phoolan.

At Pindfresh we believe that you should know all the ingredients that go into growing your food. Every nutrient that is used, all the synthetic or natural pesticides (we use none ;-)) and the concentrations of various ingredients present in your growing mix.

To help in your journey of conscious growing and trying to be sustainably self-sufficient, we founded Pindfresh -- a healthier and more sustainably way of staying connected with nature.

We believe that a high quality input will yield a higher quality output. Our in house nutrient formulations form the backbone of all our hydroponic systems and we know they work because we use them in our commercial farms in Chandigarh! We know because we grow! (checkout our indoor hydroponics systems and our indoor vertical climate controlled growing unit at www.pindfresh.com).

So welcome to Pindfresh and thank you once again.

I do hope you enjoy your clean and healthy produce. Like we had in our villages - In our Pinds.

With much love
Som

The Phoolan organic blooming agent

PHOOLAN is derived from a species of red algae *Kappaphycus alvarezii*, which is cultivated by self-help groups in the southern coast of India. Fresh seaweed is then processed using a patented technology to create the Phoolan blooming agent, which is both organic and naturally high in plant hormones such as auxins, cytokinins and gibberellins.

Features & Benefits

- Improves seed germination
- Helps develop stronger root system
- Increase the ability of the plant to with stand the stress caused by extreme temperature, drought etc.
- Increases photosynthesis resulting in healthier foliage
- Increase flowering and decreased fruit drop
- Acts as a natural soil-conditioner by increasing microbial soil activity
- Increase the quantity and yield of all crops
- Provides the highest organic potassium application without using KOH
- Increases profitability per acre
- Increased fruit number, size, color and sugar content
- Reduced effects and faster recovery from abiotic stress