



Satyajit Speciality Chemicals Pvt. Ltd.

Office: 205 & 206-A, Devavrata, Sector 17, Vashi, Navi Mumbai, Maharashtra - 400703. India.

Plant : Plot No. A-81, M.I.D.C. Taloja, Dist. Raigad, Maharashtra - 410208. India.

CIN : U24230MH1979PTC021661 | Web: www.satyajit.co | Email : info@satyajit.co

SMART SOLUTIONS + CHEMISTRY

Tel : +91-22-27801134 | Cell: +91-9930081962

PRODUCT DATA SHEET

PRODUCT	Potion 4-18-38
PARAMETER	STANDARD SPECIFICATIONS
Appearance	Bluish-Green powder
Nitrate Nitrogen content	$\geq 3.5\%$
Ammoniacal Nitrogen content	$\geq 0.5\%$
P ₂ O ₅ content	$\geq 18.0\%$
K ₂ O ₅ content	$\geq 38.0\%$
Fe as EDDHA Fe	$\geq 0.4\%$
Mg as EDTA Mg	$\geq 0.5\%$
Mn as EDTA Mn	$\geq 0.2\%$
Zn as EDTA Zn	$\geq 0.05\%$
Cu as EDTA Cu	$\geq 0.05\%$
B content	$\geq 0.2\%$
Mo content	$\geq 0.01\%$



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DOSE & APPLICATION :

For growing Tomatoes and Peppers :

- 3 grams – Potion 4-18-38
- 3 grams – Calcium Nitrate
- 1.5 grams – Magnesium Sulfate
- Water – 5 Ltrs **For growing Lettuce, Mustard, Green Leafy Vegetables :**
- 2.5 grams – Potion 4-18-38
- 2.5 grams – Calcium Nitrate
- 1.3 grams – Magnesium Sulfate
- Water – 5 Ltrs

For Best Hydroponics We Recommend the following mixture :

2 parts of **Potion 4-18-38** with 2 parts of Calcium Nitrate and 1 part of Magnesium Sulfate.

If you don't have a grams weighing scale – A rounded teaspoon is about 6 grams.

To get the best results we recommend getting the individual components and follow the steps below:

- Add 3 grams **Potion 4-18-38** to 1 Ltr of water. Stir well till full dissolution.
- Add 3 grams Calcium Nitrate to 1 Ltr of water. Stir well till full dissolution.
- Add 1.5 grams Magnesium Sulfate to 1 Ltr of water. Stir well till full dissolution.
- Take a 5 Ltr container and 2 Ltrs of water.
- Add the 1 Ltr **Potion 4-18-38** Liquid.
- To this add the 1 Ltr Magnesium Sulphate Liquid.
- Lastly, add the 1 Ltr of Calcium Nitrate Liquid to this mix.
- Make sure to top it upto to 5Ltr with water and the solution is clear, free from precipitation.