



ADITYA

Water soluble fertilizers | NPK's

Amongst the sixteen elements required for the development and growth of any crop, NPK are major nutrients. Water soluble NPK's are fast acting and they are extremely useful for increasing the yield and quality improvement of horticultural and other crops. They are applied by foliar spray and by fertigation. Foliar applied nutrients are rapidly absorbed by plant leaves but, it is a supplement to fertigation or soil application. Foliar application is definitely a remedy when the soil is disturbed due to its high pH and salt levels (saline and salty soils).



About 'ADITYA' Range :

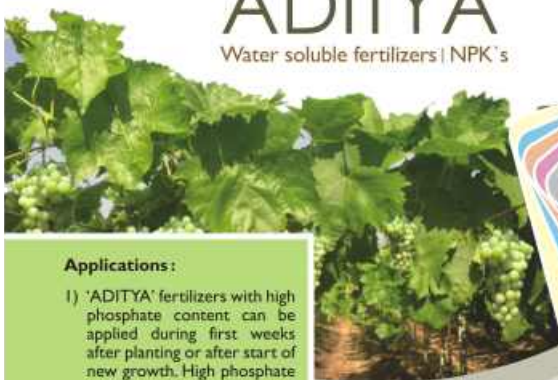
ADITYA is our range of water soluble (NPK) fertilizers for fertigation and foliar application. ADITYA formulations supplied for foliar sprays and fertigation include all other nutrients like secondary nutrients and micronutrients in traces required during growth cycle of crop. A list of water soluble formulations manufactured at our factory and that of straight fertilizers is seen on reverse.

Some of the prominent characteristics of 'ADITYA' range of fertilizers :

- All 'ADITYA' formulations are based on potassium nitrate to minimize the build up of unnecessary salt components such as sulphates and chlorides.
- All 'ADITYA' formulations contain micronutrients (trace elements Fe, Mn, Zn, Cu in chelated form and B and Mo) to ensure maximum availability. It also contains Mg and S for best results.
- All 'ADITYA' fertilizers are 100% water soluble, they are pure and free from sodium, chlorides & heavy metals, which are toxic to plants.
- All 'ADITYA' fertilizers have sufficiently low pH such that their use does not cause any increase in soil pH or salinity and are quickly absorbed by plants.

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Applications:

- 1) 'ADITYA' fertilizers with high phosphate content can be applied during first weeks after planting or after start of new growth. High phosphate content promotes root development, e.g. - ADITYA 13:40:13, 12:61:00.
- 2) Apply 'ADITYA' fertilizers with high nitrogen content during the stage of vegetative growth e.g. - ADITYA 19:19:19, 20:20:20.
- 3) 'ADITYA' fertilizers with higher potassium content are suitable during flowering, fruit development & ripening e.g. - ADITYA 16:08:24, 00:52:34, 00:00:50.
- 4) ADITYA range fertilizers are compatible with chelated micronutrients.

Dosages

- For foliar spray, 3 - 6 gm per litre.
- For fertigation, 1.0 - 1.5 kg per acre per day.

Packing

- 1 kg pouch for foliar grades.
- 25 kg HDPE bag for fertigation grades.

Storage

- ADITYA formulations are hygroscopic & hence should be stored in cool & dry place.
- If kept in humid places, it becomes moist & forms lumps, but its fertilizer value & solubility is not altered.

Sr. No.	Formulae, NPK	Name	Chemical name
A. Formulations			
1.	13:40:13 + TE + MgO	ADITYA	--
2.	16:08:24 + TE + MgO	ADITYA	--
3.	19:19:19 + TE + MgO	ADITYA	--
4.	20:20:20 + TE + MgO	ADITYA	--
B. Straight Fertilizers			
1.	26:00:00	ADITYA	Calcium ammonium nitrate
2.	12:61:00	ADITYA	Mono ammonium phosphate (MAP)
3.	13:00:45	ADITYA	Potassium nitrate
4.	00:52:34	ADITYA	Mono potassium phosphate (MKP)
5.	00:00:50	ADITYA	Potassium sulphate

Disclaimer

Careful tests have proven that our products are suitable for the recommended purposes when used in accordance with our instructions. However, since storage and use of these products are beyond our control & we are unable to foresee all circumstances arising therefrom, we are only liable for a consistent quality of the product, but the risk of its storage & use is not borne by us.

For best results, we recommend to use our products in pure form without mixing with other crop care compounds. However, if it is required to mix these products with other compounds for application, it is advisable to make a sample of the intended mixture and study effect of the same on a small portion of the crop and then only decide about application on the entire crop area.

For more details log on to - www.vanitaagro.com



Vanita Agro (India) Pvt. Ltd.

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