



SMA CHEMICALS

Leaf

Water Soluble fertilizers

மண்ணைக் காக்கும்... மகசூலை பெருக்கும்... மகத்தான உரம்...

100%
Water
Soluble
Fertilizers





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ABOUT US

S.M.A Chemicals as a leaf Fertilizers is maintaining by a Excellent well Discovered and accomplished youngsters team and the investing promoter Mr.Haji SM Abdul Hakkim who is former Ex India President Late A.P.J.Abdul Kalam's under blessed a warmfull technical & chemicals knowledge knows the first managing director of the S.M.A.Chemicals as a Leaf fertilizers company.

He will also overseen the company operation planning & analysis, corporate strategy and developed of new growth initiatives. His multi-faceted experience has developed the ability to prioritize and deal effectively with a number of tasks with his skills to make decisions, innovative ideas, able to leadership, be accountable, meet / exceed goals and achieve high quality results are in by bringing new systems and policies in the organization, implementation and strategic business relationships with all the collaborators all put together to new heights of success for the company.

Haji.S.M.Abdul Hakkim
Managing Director



Rajeshkumar
Commercial Director



Dineshkumar
Executive Director



P.Venkataramana Reddy
CEO & Commercial Head

INTRODUCTION

The **Leaf Fertilizers** is in the business segments of fertilizers speciality for nutrients crop protection and retail. The **Leaf Fertilizers** is a new technology creating player in phosphatic fertilizers. The company manufactures a wide range of fertilizers and markets around much more M/tons making it a newest born in its's addressable Global markets. It is a part of S.M.A.Group of companies in it's endeavour to be a total all types of plant nutrition solutions company. **Leaf Fertilizers** has also introduced a range of specially nutrient products in 100% water soluble fertilizers and also straight line fertilizers.

S.M.A. Chemicals Leaf fertilizers have been produces all types of NPK & 100% water soluble fertilizers is especially formular as $\text{NH}_4\text{H}_2\text{PO}_4$ and KH_2PO_4 . Leaf fertilizers is a challenging manufacturer in whole over in Globe of Tamilnadu.

Leaf fertilizers has been making especially 100% water soluble Triple Nineteen(NPK 19:19:19) fertilizers, this fertilizers are specially suitable for Tea plants Estate and Coffee Plants, Tobacco and Banana Plants also.



Straight Line Fertilizers

The straight fertilizers are those fertilizers which supply only one primary plant nutrient, either N or P or K. On this basis, the fertilizers can be straight nitrogenous, straight phosphatic or straight Potash fertilizers. The fertilizers elements can be more uniformly applied to the cultivation of paddy, sugarcane and vegetables field especially when they are required in small quantities and it can be easily drilled in the field because they are in a good physical condition, and compensates for the deficiency of nutrients in the soil of the region.

Complex Granulated Fertilizer
N 16 : P 16 : K 16

1 Kg

50 Kg



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Straight Line Fertilizers

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Complex Granulated Fertilizer
N 17 : P 17 : K 17

1 Kg

50 Kg



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Straight Line Fertilizers

The straight fertilizers are those fertilizers which supply only one primary plant nutrient, either N or P or K. On this basis, the fertilizers can be straight nitrogenous, straight phosphatic or straight Potash fertilizers. The fertilizers elements can be more uniformly applied into the cultivation of paddy, sugarcane and All types of crops of the field especially when they are required in small quantities and it can be easily drilled in the field because they are in a good physical condition, and compensates for the deficiency of nutrients in the soil of the region.

NPK Granulated Fertilizer
N 19 : P 19 : K 19

1 Kg

50 Kg



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Straight Line Fertilizers

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Complex Granulated Fertilizer
N 20 : P 20 : K 20

1 Kg

50 Kg



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Straight Line Fertilizers

The straight fertilizers are those fertilizers which supply only one primary plant nutrient, either N or P or K. On this basis, the fertilizers can be straight nitrogenous, straight phosphatic or straight Potash fertilizers. The fertilizers elements can be more uniformly applied to the field especially when they are required in small quantities and it can be easily drilled in the field because they are in a good physical condition, and compensates for the deficiency of nutrients in the soil of the region. It is use in Paddy, Sugarcane, Vegetables and all types of fruits, In this fertilizer sulphur is a conditioner of this soil.

NPK Granulated Fertilizer
N 20 : P 20 : K 0 : S 13

1 Kg

50 Kg



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Straight Line Fertilizers

The straight fertilizers are those fertilizers which supply only one primary plant nutrient, either N or P or K or S. On this basis, the fertilizers can be straight nitrogenous, straight phosphatic or straight Potash fertilizers. The fertilizers elements can be more uniformly applied to the field especially when they are required in small quantities and it can be easily drilled in the field because they are in a good physical condition, and compensates for the deficiency of nutrients in the soil of the region. It is use in especially Groundnuts, Cauliflower, Leaf Vegetables. This fertilizer use in both seasons (Rabi & Kharif Seasons).

Ammonium Sulphate
N 20.6 : P 00 : K 00 : S 23

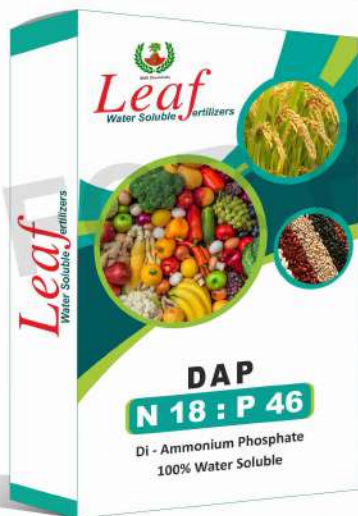
1 Kg

50 Kg



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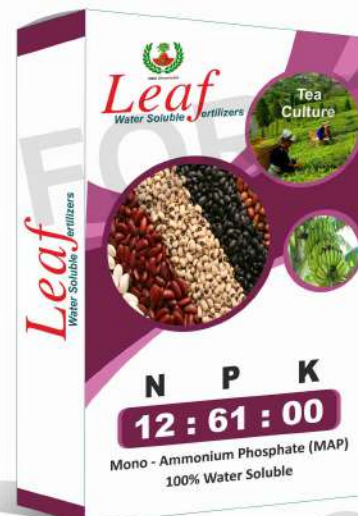
100% NPK & Water Soluble Fertilizer

Di Ammonium Phosphate is 100% water soluble, (DAP) it is also nitrogen content of this fertilizer is in ammoniacal of N fertilizer are always advisable for any crop for enhancing N use efficiency. it is a most used phosphorus (P) Fertilizer, it's relatively high nutrient content and it's excellent physical properties. This fertilizers use in all crops in all seasons, It's uses in under soil also. This fertilizer using in Drip system and sprinkling system.



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100% NPK & Water Soluble Fertilizer

Mono Ammonium Phosphate is 100% water soluble, (MAP) it is used for all soil types, for ground and bed application, and for all agricultural crops including Tea and Coffee Plants, Banana, Pulse crop, Wheat and All Vegetables in all types of climates (Rabi & Kharif Seasons) it is nitrogen - phosphoric fertilizer.



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Di - Ammonium Phosphate
N 18 P 46

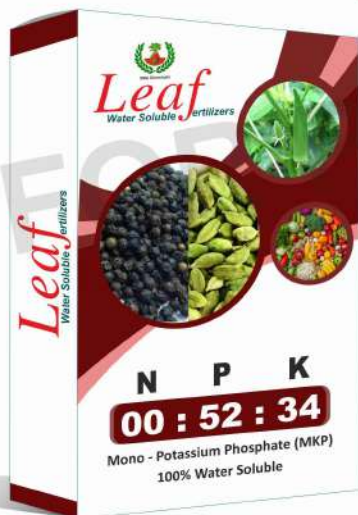
1 Kg

25 Kg

Mono - Ammonium Phosphate (MAP)
N 12 : P 61 : K 00

1 Kg

25 Kg



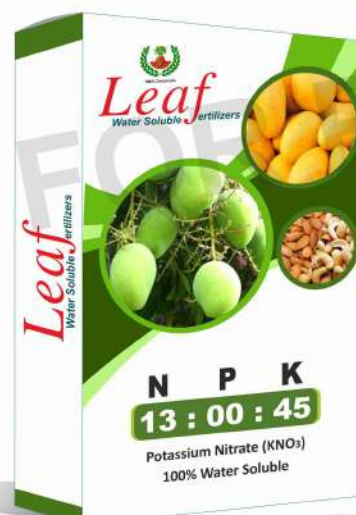
100% NPK & Water Soluble Fertilizer

Mono Potassium phosphate is 100% water soluble, (KH_2P_04) (MKP) it is a low phosphorus levels in the soil can be raised with help of MKP it is a heavy metal free, water soluble solution that your plants will respond positively to the second critical component in our MKP this fertilizer contains the essential plant nutrient, it should be used in early morning time best for these crops of Brinjal and all types of Leaves Vegetables, Spies, Pepper and Elachi.

Mono - Potassium Phosphate (MKP)
N 00 : P 52 : K 34

1 Kg

25 Kg



100% NPK & Water Soluble Fertilizer

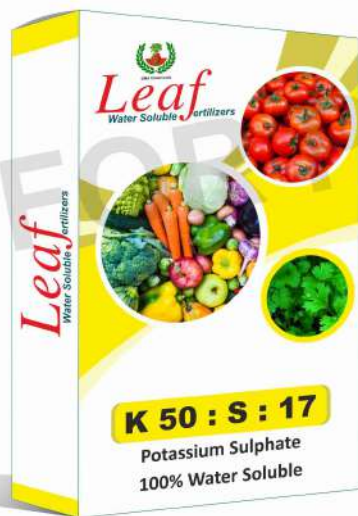
Potassium nitrate is 100% water soluble, it is a cristaline salt, kno_3 a strong oxidiser, as a fertilizer, and it is a soluble source of two mager essential plant nutrients. It is commonly used as a fertilizer for high value crops of Mango, Sapota, Guava, Coconut, Dates, Almond, Cashew, Jack fruit and Rubber Tree also.

Potassium Nitrate (KNO3)
13 : 00 : 45

1 Kg

25 Kg





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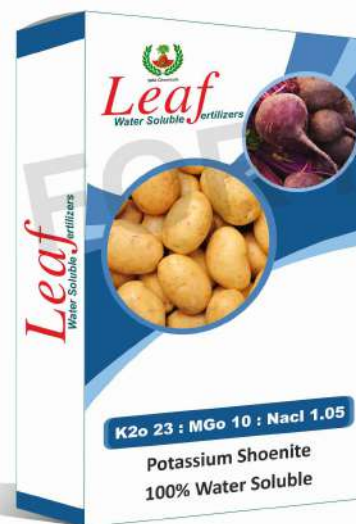
100% NPK & Water Soluble Fertilizer

Potassium sulphate is 100% water soluble fertilizer, it simulates the growth of strong stems and gives the plant some disease resistance by promoting thickness of the outer cell walls. Adequate potassium can reduce moisture loss from growing plants thereby giving some drought resistance. and plant or look tired or unhealthy may need a potassium fix. Yellowing leaves may indicate underlying root problem, it improves colour, flavour and storing quality of fruit and all types of vegetables and Green Chilly, Capsicum Crops. It is specially using in Rough and Red Soil area.

Potassium Sulphate
K 50 : S 17

1 Kg

25 Kg



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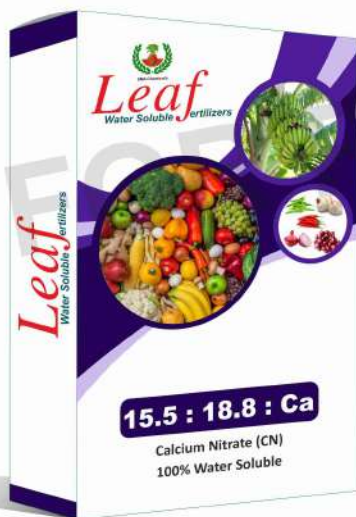
100% NPK & Water Soluble Fertilizer

Potassium shoenite is 100% water soluble fertilizer, it is an emerging source of potassium for improving growth, yield and quality of potato and Beetroot, it is Neutralized both acid and alkaline soils, regulate the P.H. value of soils improve and optimize the uptake. It's using in Hills Areas also.

Potassium Shoenite
K₂O 23 : MgO 10 : NaCl 1.05

1 Kg

25 Kg

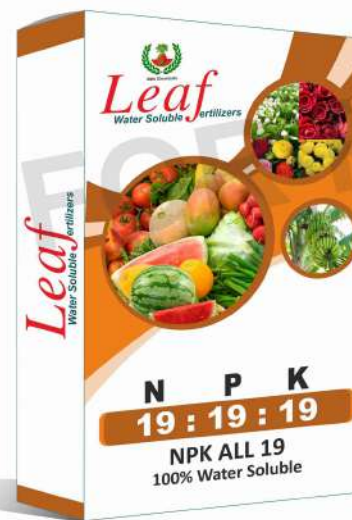


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100% NPK & Water Soluble Fertilizer

Calcium nitrate (CN) it is 100% water Soluble Fertilizer, it is helps with cell formation but it also neutralizes acids to detoxify the plant, the Nitrogen component is also responsible for fueling protein production and essentially leafy growth. Heat and moisture stress can cause calcium deficiency in certain crops, like Tomatoes, Banana, Apple, Radish, Onion, Garlic, Green Chilly and Specially Red Chilly and different types of fruits this is when to use calcium nitrate.



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100% NPK & Water Soluble Fertilizer

This NPK 19:19:19 is a 100% water soluble Fertilizer containing three essential plant nutrients Nitrogen and Phosphorus and potassium Where there is high demand for these plant nutrients for these Rose, Jasmine, Marigold, Red Rose and all types of flowers, Watermelon, Grapes, Banana, Bajra, Millets, etc., This water soluble fertilizer is a especially announced the indian government for Dripping, Sprinkling soluble systems. It's using in all seasons.

Calcium Nitrate (CN)
15.5 : 18.8 : Ca

1 Kg

25 Kg

NPK ALL 19
N 19 : P 19 : K 19

1 Kg

25 Kg



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100% NPK & Water Soluble Fertilizer

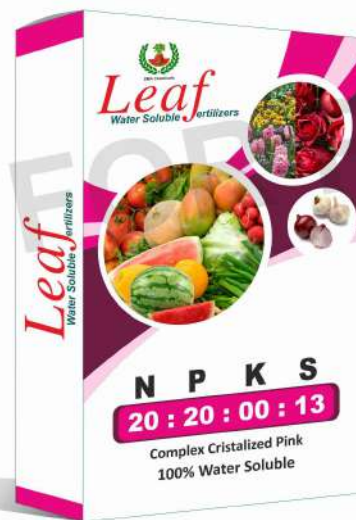
This NPK 20:20:20 is a 100% water soluble Fertilizer that contain elements Nitrogen (N) phosphorus (P) and potassium (K), so the nitrogen is good making the leaves grow, phosphorus improves fruit and / or flower production as well as root growth. It's using in all Crops.



NPK ALL 20
N 20 : P 20 : K 20

1 Kg

25 Kg



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100% NPK & Water Soluble Fertilizer

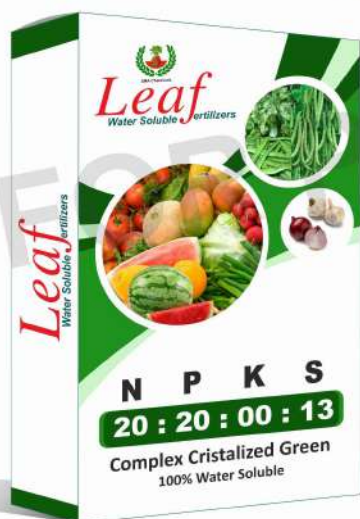
Complex 20 : 20 : 20 : 13 is a 100% water soluble Fertilizer containing two essential plant nutrients Nitrogen and Phosphorous where there is high demand for these plant sulphur is conditioner for soil nature. It's specially using in sunflower crop, Onion, Garlic and soya beans, total oil seed crops also. It's using in all seasons.



Complex Cristalized Pink
N 20 : P 20 : 00 : S 13

1 Kg

25 Kg



**100% NPK & Water
Soluble Fertilizer**

Complex 20 : 20 : 20 : 13 is a 100% water soluble Fertilizer containing two essential plant nutrients Nitrogen and Phosphorous where there is high demand for these plant sulphur is conditioner for soil nature. It's specially using in sunflower crop, Onion, Garlic and soya beans, total oil seed crops also. It's using in all seasons.

Complex Crystallized Green
N 20 : P 20 : 00 : S 13

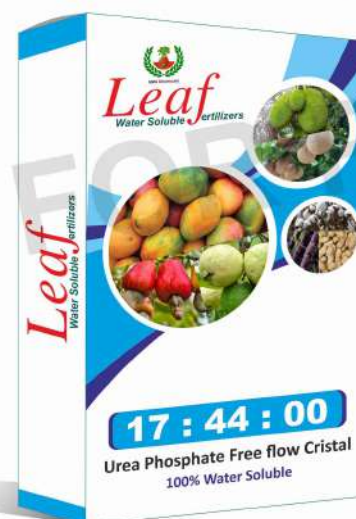
1 Kg

25 Kg



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**100% NPK & Water
Soluble Fertilizer**

Urea Phosphate as 17 : 44 : 00 this fertilizer for fertigation of field crops and fruit trees, mainly recommended for high pH soils, It's using Lemon, Orange, Mosambi, Jack Fruit, Guava, Cashew, Sapotta, Apple, Pear Fruit, Rubber Tree and etc., It using in all seasons.

Urea Phosphate Free flow Crystall
17 : 44 : 00

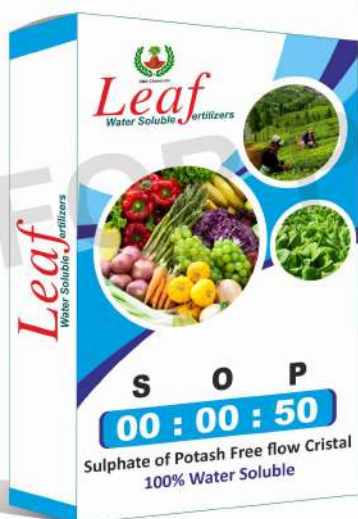
1 Kg

25 Kg



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100% NPK & Water Soluble Fertilizer

Potash fertilizer: Sulfate of potash. SOP is considered a premium-quality potash. It contains two key nutrients for growing crops: potassium and sulfur. Most often SOP is used on high-value crops like Fruits, Vegetables, nuts, Tea, Coffee and Tobacco. This fertilizer specially use in under soil also. It's using in all seasons.

Sulphate of Potash Free flow Cristal
00 : 00 : 50

1 Kg

25 Kg



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100% NPK & Water Soluble Fertilizer

Calcium nitrate + boron prill is a high purity, free flowing nitrogen, calcium and boron soluble fertilizer. Instant uptake of nutrients by the plants resulting in significant and quick improvement in crop will be seen. Through Fertigation and foliar spray, nutrient uptake efficiency will be enhanced as losses due to leaching volatilization will be minimized. Since B, Ca, and N are specially structured and designed, this will give an excellent growth in all the stages of crop namely seedling stage, vegetative stage, reproductive stage and ripening stage. This will be give excellent yield in all horticultural crops and coconut also.

Calcium Nitrate + Boron
CA 17.0% : N 14.5% : B 0.2% - 0.3%

1 Kg

25 Kg



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