



Best Practices for Application: Tips for Using Water-Soluble Micronutrients Fertilizers Effectively

The plant fertilizer industry is growing rapidly, with the introduction of new products that further simplify your agricultural processes. One such addition is water-soluble fertilizers. These fertilizers are taken up by the plant along with the water thus ensuring their availability when needed while also ensuring easy uptake of nutrients. Another great addition is [micronutrient fertilizers for plants](#) that make sure that the plant also receives the essential nutrients which are most commonly ignored under the limelight of NPK, negatively affecting the crop yield. Additionally, the use of water-soluble fertilizers simplifies the application process of the fertilizers considerably saving the time and efforts of the farmers. They can be added to the soil or directly sprayed on the problem parts (often leaves) for speedy recovery of the plants. They can also be sprayed using a sprinkler system of irrigation.

Tips for Application of Water-Soluble Fertilizers

Significance of the Quality of the Water

The quality of water is critical to the water-soluble fertilizers. Thus, it is recommended to use RO water. In case you are not using RO water it is advisable to have a water analysis conducted by a reputable lab to ensure there are no contaminants that will interact with your fertilizer program.

Use of Hot Water Helps

Dissolving fertilizer salts is an endothermic process. That means that dissolving any fertilizer salt will need energy i.e. stirring or heat to catalyze the process. Thus, using hot water coupled with agitation speeds up the process considerably. The dissolution thus takes up the energy from the hot water and the agitation process.

Preparing Ready-to-Use Dilute Solutions

It is advisable to always refer to label instructions at the time of dissolution, still if you want to modify the consistency as per your requirement here you go with the preparation process of dilute solution. Add about 70% of the volume of water. Hot water is preferred. Then gradually add the measured amount of fertilizer with continuous agitation. The use of a paddle mixer or other appropriate agitation method is recommended. Once the fertilizer is dissolved, add enough cold water to achieve the final volume. Always, refer to the feed charts for the correct rate to use for your crop stage.

Preparing Ready-to-Use Concentrated Solutions

The amount of fertilizer that should be used to make the concentrated solution is determined by the injection ratio. The more the injection ratio the more fertilizer is required for the preparation of concentrated solution. To start the process fill the tank 70% with preferably hot water, and add the required amount of fertilizer, with agitation. Continue agitation while adding the required amount of cold water to reach the intended final stock solution volume.

Always ensure there is adequate mixing of fertilizer and water before going on the crop. Most fertilizer injector companies provide guidance to achieve this aspect. Also, maintaining about 80% of the maximum solubility limit is suggested to eliminate issues.

Now that you know the exact way to use water-soluble fertilizers it is the right time to order [water-soluble micronutrient fertilizers](#) and use them to the maximum benefit of your crop and plant.

[Buy Water-Soluble Fertilizers Online Now](#)



The water-soluble fertilizers are also available online. This further saves your efforts to visit the local market. So, if you are also looking for an online platform to buy water-soluble organic fertilizers visit Kisan4u now. It is known to provide some of the best water-soluble fertilizers and **best [micronutrient fertilizer products in India](#)**. It offers fertilizers from some of the best brands of organic fertilizers including Katra, Atal, Miticide, Virus-G, PROSPER, CLASSIC, and Ezzy Garden. So, do not wait any further and stock up your organic fertilizer with Kisan4u now.

[Author's Bio](#)

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