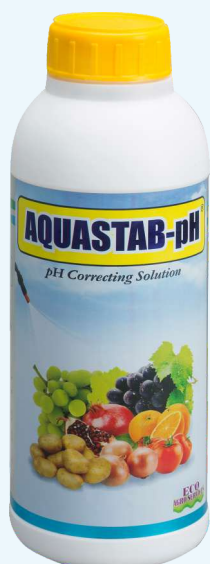


AQUASTAB pH



Introduction:

What is pH?

It is a measurement of the level of acid or alkali in an aqueous solution. pH denotes hydrogen ion concentration, and the measurement of pH is on a logarithmic scale of 0-14 in which 0-6.5 range is acidic, 6.5 -7.5 range is neutral and 7.5 and above is basic. Due to logarithmic scale 8.5 is 10 times greater than 7.5 and so on.

- Almost all pesticides work more effectively in Acidic pH. (5.5-6.5).
- Pesticides belonging to Organophosphate, Carbamate, & Synthetic Pyrethroids are prone to Alkaline Hydrolysis (Degradation) to become ineffective as pesticides.
- The speed of degradation is dependent on the pH of the solution and more Alkaline a solution, faster is its breakdown.
- PGR such as Ga3 also perform better in Acidic pH.

Aquastab pH – Internationally proven acidifier and stabilizer:

- Aquastab pH contains a pH indicator, which allows its use at correct dose even without use of pH paper or meter.
- Aquastab pH works as an acidifier, and reduces the pH of alkaline & hard water. It contains buffer to stabilize the pH and prevents reversal of pH to alkaline level after some time.
- Aquastab pH also sequesters salts in hard water which may interfere with pesticide molecule, especially Weedicides such as Glyphosate, 2-4-D, Atrazine, which are prone to be affected by salt content in water
- Aquastab pH can be used with all pesticide formulations with the exception of Copper, Sulphur, Ziram & sulfonyl urea.

The application dosage is dependent on:

- pH of water
- Type and concentration of dissolved salts
- Hence, it is not possible to recommend a dose suitable for different water quality. However, as it contains a colour indicator, the farmer should observe how many ml per lit are required to get pinkish colour (about 5 pH), as given on the bottle.

Composition: Acidifiers, Buffers, and Stabilizers

Specification:

- Density: 1.3 g/c.c.
- pH: 1
- Colour: Dark Red
- Form: Liquid

AQUASTAB pH Benefits:

- Improves efficacy of pesticides.
- Increases efficiency of Ga3 for longer rachis and high quality grapes.
- Berry, Pedicel and Rachis remain flexible. Thus, preventing berry shattering and berry drop at harvest.
- Does not leave stain on fruit /vegetables.
- It is economical to use, due to low application dose.

Application Rate:

- Add Aquastab- pH slowly to water while stirring, till the solution changes its colour to pink-red.
- Then add pesticide.

Caution:

- Do not use any copper or acidic material.
- Do not use with Sulfonyl Urea Weedicides.

Manufactured by:  Cam - Ferti, S.L.Spain