Effect + is used as an additive in the water during plant spraying with eg iron, manganese and some fungicides. Effect + has a pH lowering effect, which improves the uptake into the leaves of plant nutrients and certain chemical pesticides.

pH control of the spray liquid is especially important when using water containing high levels of hydrogen carbon ions (high buffer capacity, alkalinity). By adding Effect + the pH is lowered and the hydrogen carbonate ions are released into the air as carbon dioxide. This prevents precipitation and deposits. Many chemical pesticides work better at lower pH. The half-life of some types of pesticides can be extended. Plant nutrients are kept in solution at the proper pH and thus they become more readily absorbable to the plant.

Normal dosage: 1-3 l / 400 l water / ha, depending on the buffer capacity of the water. NB! When using rain or surface water, the dosage is significantly less. To reduce the alkalinity by 100 mg / l, add 120 ml Effect + / 1000 l spray solution. The table below shows how much Effect + is to be added at different alkalinity in the water while maintaining an alkalinity of 50 mg / l.

When Effect + is combined with different chemicals, carefully follow the instructions for use. Normally, buffer additives such as Effect + after wetting of powder (WP) and "dispersible granules" (WDG) are added, but before "liquid flowable substances" (SC, SE) and "emulsifiable concentrates" (EC). Finally, wetting agents are added, for example our product Ekovett.

Alkalinity	Dose Effekt+ (ml/100 l)
50	0
100	60
150	120
200	180
250	240
300	300
350	370

Analysis

Density	1,24 kg / l
pH	2,3

Content

Organic acids and salts of organic acids

Recommendation

Normal dosage: 1-3 l / 400 l water / ha, depending on the buffer capacity of the water

10 l /1000 l

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