

# ADDITIVES

## A PORTFOLIO OF PRODUCTS TO MAXIMIZE YOUR YIELD

HY-PRO Fertilizers has gained worldwide recognition for its high-quality product range and the ease-of-use of our fertilizer products. To optimize your crop or plants, you need feed them the necessary nutrients and trace elements to allow them to grow with vigour! HY-PRO additives are plant care products that provide essential micronutrients and vitamins helping plants combat their (often) less than ideal location. All our HY-PRO Additives can be used in combination with all substrates and all HY-PRO fertilizer products – offering you optimal control.

### GENERATOR

#### PLANT VITAMINS FOR INDOOR AND OUTDOOR PLANTS

HY-PRO Generator is a mineral fertilizer that supplies your garden with essential trace elements and vitamins – helping you to maximize your crops genetic potential. These micronutrients, with the right dosage, can help to keep plants and crops growing more consistently and therefore producing more flower or fruits. HY-PRO generator stimulates maximum growth and flowering and leaves no residue.

### SPRAYMIX

#### PLANT SUPPORT NOT FOCUSED ON THE ROOT INTERACTION

HY-PRO Spraymix optimizes the humidity flux with essential compounds and trace elements. HY-PRO Spraymix helps plants build resistance to possible external influences and stimulates the plant to develop new leaves. Our Spraymix increase the plants resistance against mildew, insects and heat burn. HY-PRO Spraymix contains a unique blend of foliar nutrients easily absorbed by the plant.

### CAL-MAG

#### REVITALIZING YOUR SUBSTRATE ON A REGULAR BASIS

HY-PRO Cal-Mag is also fortified with a proprietary blend of select minerals to help maximize yields in fruiting and flowering plant varieties. The high level of Calcium and Magnesium in our formula improves the strength of cell walls and the production of chlorophyll. Higher levels of chelated Iron are needed as it acts as a catalyst for essential reactions within the plant.

### PH- (GROW)

#### THE POWER OF PH IN PLANT AND SUBSTRATE NUTRITION

The mobility of these nutrients is determined by substrate pH. Especially affected are those nutrients that plants require in small quantities, called micronutrients or trace elements. When the pH is too low, the micronutrients become mobile and are absorbed in excess, resulting in toxicities. When the pH is too high, the micronutrients are less mobile and the plant cannot absorb enough, which results in deficiencies.

### PH- (BLOOM)

#### A SLIGHTLY ACIDIC SUBSTRATE AND NUTRIENT MIX IS BEST

The acidity of your substrate and water mix is very important for plants as it determines in large part the absorption rates of nutrients and trace elements. The value that is used to indicate the degree of acidity is called pH and this stands for the concentration of ions in the water. The optimal pH varies on the plants in question, but a value between 5.5 and 6.0 works for most potted plants.