



Agrolution[®]

The all-in-one
fertiliser solution
for vegetable and
fruit crops



Growing success

Agrolution®



The benefits of Agrolution

- Prevents calcium deficiencies
- Improves nutrient availability
- Delivers all necessary nutrients
- All-in-one convenience
- Pure ingredients
- Agrolution dissolves completely
- Keeps irrigation systems clean



Strawberry with calcium deficiency



Strawberry without calcium deficiency

Agrolution solves all the fertiliser challenges in vegetables and fruits

Scotts is proud to introduce a range of water soluble fertiliser specifically created to service crop needs. Agrolution has been developed with a double objective: the availability of all nutrients in the correct proportions and convenience at solving water quality problems with one product. Agrolution brings you another step towards optimal crop quality, setting a new standard in fertigation for all soil grown and substrate grown vegetable and fruit crops. Agrolution offers an extensive range of NPK formula's with a targeted trace element package and also patented calcium analyses.

Prevents calcium deficiencies

Crop storage characteristics are improved and diseases such as blossom end rot are prevented because Agrolution contains calcium. With Agrolution, calcium feeding is constant rather than "spikes" of calcium feeding.

Improves nutrient availability

Agrolution improves the uptake of trace elements, phosphates and calcium because it reduces the bicarbonate level in the irrigation water. This acidifying effect helps to reduce the soil pH and keeps it stable at the beneficial level of pH = 6.0 to 7.0. For crops on substrates and soilless cultures (less buffer capacity), pH and nutrient level is much more critical. Agrolution reduces the risks of errors with separately mixing of acids, which can have a large impact on pH.

Delivers all necessary nutrients

With Agrolution you always give your crop the correct amount of nutrients. Apart from the addition of calcium, Agrolution contains a balanced NPK plus magnesium level and all necessary trace elements. Magnesium is a fundamental part of the chlorophyll structure, which is essential for the photosynthesis process.



Calcium in Agrolution increases skin strength



Agrolution promotes yield and appearance

Although required in only small amounts, trace elements are essential for fruit and vegetable vegetable results and attain attain strong healthy, high yielding crops, able to withstand environmental pressure:

- Iron is important in chlorophyll formation for a healthy colour allowing greater photosynthesis leading to better fruit set and stronger leaf canopy in vegetable crops.
- Zinc is essential for vigorous crops resistant to infection from pathogens and to cold and frost.
- Boron for growing point development and carbohydrate transport.
- Manganese is important to photosynthesis and in support systems such as enzyme production.
- Copper is important for epidermal protection and occurs in a number of enzymes and is also involved in the oxidization processes.
- Molybdenum is essential in the photosynthetic process and with nitrogen fixation and nitrate assimilation and in the regulation and absorption of Phosphate within the plant.



Normal fertilisers may block tubes.

All-in-one convenience

Agrolution is complete, so you put an end to time-consuming calculations and “guess” work. You will be able to tackle the entire growing season with just three or four analyses of Agrolution. This reduces the handling of many different products. Thanks to the patented technology of acidification, you are able to mix Agrolution in one tank, even with calcium nitrate. This reduces the risks of making errors.

Pure ingredients

In modern cultivation the use of irrigation water is changing. Particularly when recirculation is used, the purity of fertilisers is an important factor in constant maintaining feeding quality. Agrolution does not contain Na or Cl and therefore these elements can never contaminate the system, when recirculating Agrolution.

Agrolution dissolves completely

Agrolution dissolves completely, even in hard water because it has an acidifying effect on the (hard) water.

Keeps your irrigation system clean

Agrolution prevents deposits and blockages in your irrigation system because of its purity, solubility and acidifying effect. There will be no more time-consuming checks of the irrigation system. Moreover, Agrolution prevents the irregular distribution of water and nutrients, which result from blocked tubes. This will enable a problem-free and constant system performance.



Agrolution keeps your irrigation system clean.



The calcium range is especially suitable for fruit crops.

The Agrolution Range

The Agrolution range available from Omex Horticulture in the UK, offers a wide range of analyses covering all stages of crop growth and offering help with specific soil and water types.

The normal advised rate of application is 40-50 kg/ha per week.

For specific recommendations please ask for individual Agrolution technical product information or contact your Scotts or Omex Horticulture advisor.

Calcium-containing range

Agrolution 313 14+ 7+14+14CaO

Agrolution 316 13+ 5+28+2CaO+2MgO

Agrolution 323 16+11+16+5CaO+2MgO

Agrolution 324 14+ 8+22+5CaO+2MgO

Hard water range

Agrolution 125 7+14+35+3MgO

Agrolution 151 10+50+10

Agrolution 335 15+13+25

All products contain:

0.010% Boron

0.010% Copper

0.160% Iron

0.060% Manganese

0.006% Molybdenum

0.010% Zinc

For more information about bicarbonate reduction with Agrolution, contact your advisor.

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