



soluAMS®

Your Expert for Fertigation and Foliar Application



Appearance	White crystals
Max. solubility	750 g/l at 20 °C
Electrical conductivity (1 % solution)	65.2 mS/cm
Bulk density	950-1100 kg/m ³
pH-value in 10 % solution	4-5
Insoluble (H₂O)	≤ 0.1 %

soluAMS®

EC FERTILISER Ammonium Sulphate

21.0 % ammoniacal nitrogen
24.0 % sulphur (as S)

soluAMS®

- is a water-soluble fertiliser containing 21 % NH₄-N and 24 % S, providing two major plant nutrients in readily available form.
- ideal for application in sulphur responsive crops (e.g. vegetables, fruits and oilseeds).
- contributes to the production of proteins, supporting enzymatic reactions to improve vegetative growth.
- is not sensitive to caking and is recommended during periods of vegetative growth.
- is very much suitable for soils with neutral to alkaline pH levels where soil acidification stimulates the uptake of phosphorus and micronutrients (e.g. Fe, Mn and Zn).
- acidifies the soil by two processes:
 - nitrification (oxidation of ammonium to nitrate) acidifies the bulk soil.
 - uptake of ammonium by the root in exchange for protons acidifies the rhizosphere.
- is compatible with most water-soluble fertilisers, except Ca-containing products, as gypsum may precipitate. When mixing this product, comply with the manufacturer's instructions or perform tank mix before application.
- is recommended at a concentration of 0.5-3.0 % (5-30 g/l) in foliar application. Rates vary between different crops, growth stages of the crop and environmental conditions.

K Plus S Middle East FZE

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A K+S Company

