AGROCOTE®

N 44% **E MAX** Release Technology **100% COATED**

Controlled Release Fertiliser providing crops with a continuous supply of Nitrogen

The pure technology product ICL Agrocote is a 100% coated Nitrogen product that provides crops with a continuous release of nitrogen throughout the growth cycle of the crop. ICL Agrocote is highly efficient in supplying crops with the correct amount of Nitrogen over a certain longevity. ICL Agrocote is a 100% coated product based on the E-max technology.
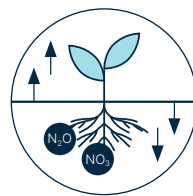
ICL Agrocote can be used as a straight nitrogen product or can be added to create a high value blend with a controlled release of nitrogen. Various longevities and release profiles are available based on the different requirements of the crop.
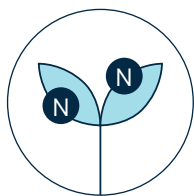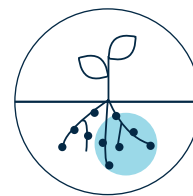
Highest Nitrogen Use Efficiency fertiliser on the market (>90%)

Reduced applications save time & cost

Reduces leaching, volatilisation & denitrification

Nutrient release tailored to meet the demands of the crop

Working together to help farmers increase productivity in a more sustainable way

AGROCOTE®

ICL E-max Technology

E-max technology is temperature-sensitive. As soil temperature rises, cracks develop in the coating, drawing in water to dissolve the nutrients inside. The water then carries these out into the soil for the plant roots to take up. When soil temperature decreases, nutrient release slows down.
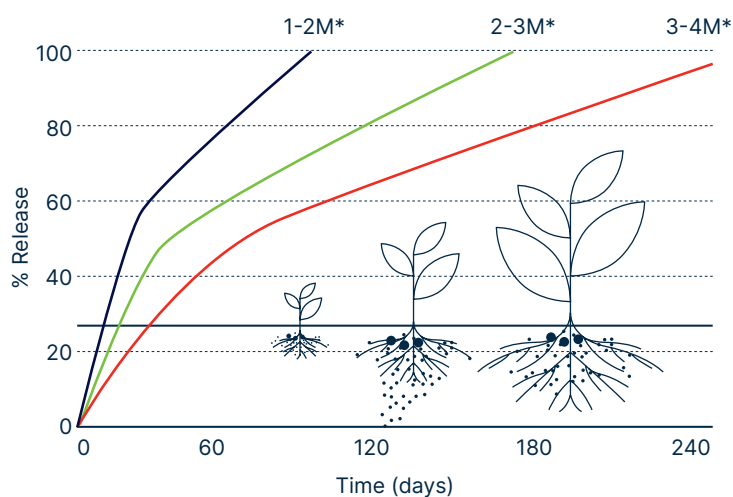
Various longevities and release profiles are available based on the different requirements of the crop.

Longevity and release profiles at varying soil temperatures

Declared Longevity at 21°C	Release longevity at 16°C*
1-2	1-90 days
2-3	1-120 days
3-4	1-150 days
5-6	1-180 days

The average soil temperature in the UK is 16°C

Agrocote Trial on a UK broccoli crop vs. ammonium nitrate

Treatments

Treatment	Product	N rate, kg/ha	Timing
Ammonium nitrate	Ammonium nitrate 34.5-0-0	150 75	Before planting 4-5 weeks after
Agrocote Max	Agrocote Max 44-0-0, 1-2M, 100% coated N	225	Before planting

Based on soil analysis, all treatments received the same level of P and K before planting

Results

Yield

Nitrogen Use Efficiency (NUE)
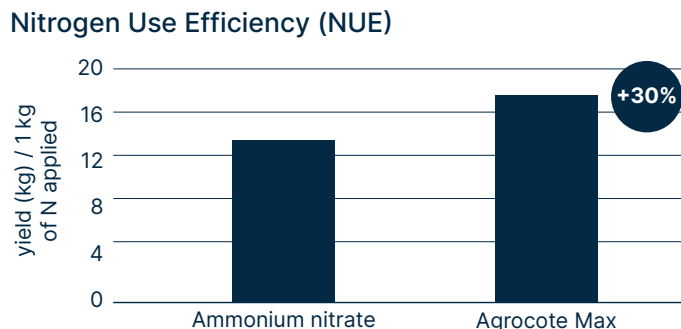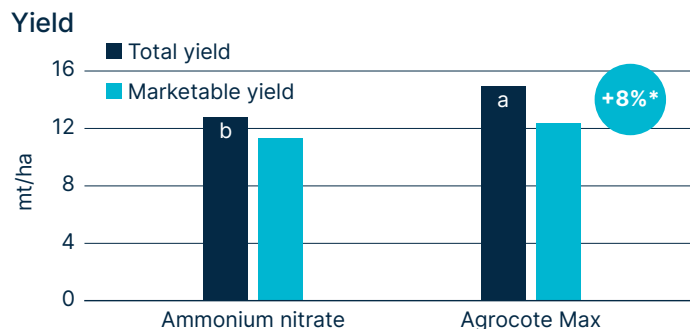
Agrocote Nitrogen - Better for the environment and better for your profits

www.icl-growingsolutions.uk I @ICLplantnutriUK