

# SUNBURST FOR WATERLOGGED CROPS

Nitrogen in the soil will have leached and been washed down the soil profile by the rainfall over the last few weeks & months.

Nitrogen deficiency in cereals results in reduced leaf growth and tillering.

Nitrogen applied as Urea can be more easily converted to proteins than nitrate nitrogen, thus stimulating growth of the plant. Low temperatures also reduce the amount of nitrate N that can be reduced in the roots, leading to nitrates accumulating in the leaves and not contributing fully to the plant growth.

The addition of calcium with nitrogen results in increased uptake and absorption of nitrogen increasing tiller formation.

Calcium applied with nitrogen increases nitrogen use efficiency by more rapid absorption and possibly increases in photosynthesis.

Maximum effects on tillering were gained when calcium was applied at jointing (GS 31).

Calcium is essential to increase cell wall strength in all crops. This makes plants more resistant to attack by both pests and diseases, including problem diseases such as fusarium and sclerotinia.

Apply Sunburst at 30-50 l/ha (7-12kg N)

Sunburst is only available from UK Nutrition Limited