

# Kinsidro® Grow+ in Sugar Beet



Kinsidro® Grow+ is a metabolic biostimulant, bonded with essential micro and macronutrients. It is classed as a humic substance. Kinsidro Grow+ is recommended for a wide range of crops including **sugar beet**. Applied at a low rate of 150 g/ha, trials show Kinsidro Grow+ confers herbicide and stress tolerance increasing adjusted yields in harvested crops

## What is Kinsidro Grow+?

Kinsidro Grow+ is a uniform, concentrated humic substance with a high fulvic ratio (62%) with chelated essential macro and micronutrients

It is recovered from sustainable grown Nordic pine forests.

A patented extraction process ensures micro-nutrients are naturally chelated, making them more bio-available to the plant.

Kinsidro Grow+ is very active even at low doses (150 g/ha).

## Kinsidro Grow+ contains a high ratio of fulvic acids which results in increased activity in comparison to other “humic-dominant” products

The increased metabolic response following an application of Kinsidro Grow+ can result in:

- **Improved crop tolerance to herbicides, so reducing phytotoxicity and oxidative stress, reducing the risk of cell death and premature senescence of the crop.**
- Vegetative development: increased rooting, improved plant health, crop emergence and robustness, better crop vigour.
- Improved tolerance to drought, with less wilting.
- Yield: Improved fresh weight yield, leading to higher adjusted tonnages.

Control



Herbicide + Kinsidro  
Grow+



Control



Herbicide +  
Kinsidro Grow+



Average beet weight 0.832kg  
Sugar: 17.48%

Average beet weight 0.989kg  
Sugar: 17.73%

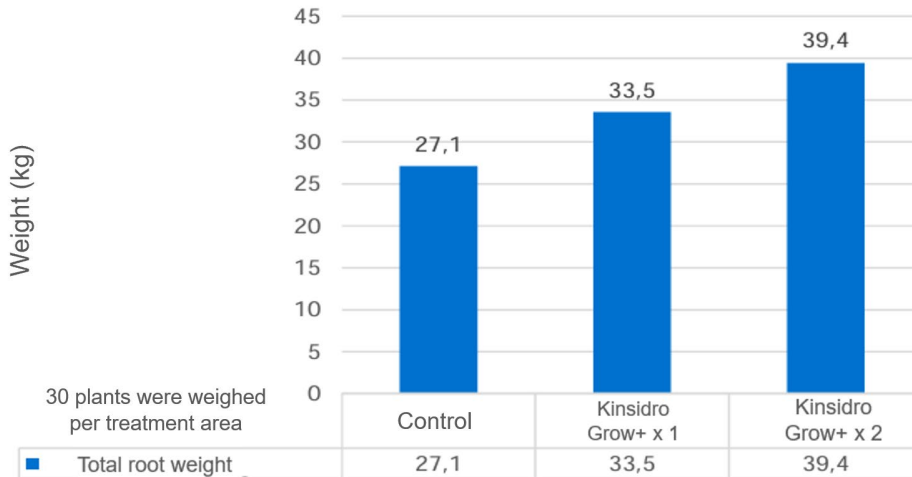
## Application Information

Pack Size	1 kg box, (6.6 ha) a wettable granule formulation
Recommended Rate	150 g/ha in 150-300L/ha of water
Rainfastness	3 hours
Number of Applications	1 – 2 applications per crop
Application Timing on sugar beet	Apply between cotyledon - 6 true leaves (GS12-16) usually at the first and second herbicide application timings.

## Kinsidro Grow+ in sugar beet trial



German Trial Yield data (kg)



1 x Kinsidro Grow+ applications



2 x Kinsidro Grow+ applications

## Tank mixing

- Kinsidro Grow+ is soluble in water and its use is compatible with most fertilisers and plant protection products.
- Add Kinsidro Grow+ first, slowly, to avoid excess foaming, into a spray tank partly filled with water. Only add other tank mix partners when Kinsidro Grow+ is fully dispersed.
- Refer to <https://www.corteva.co.uk/tools-and-advice/tank-mixes.html> for further information on compatibilities.