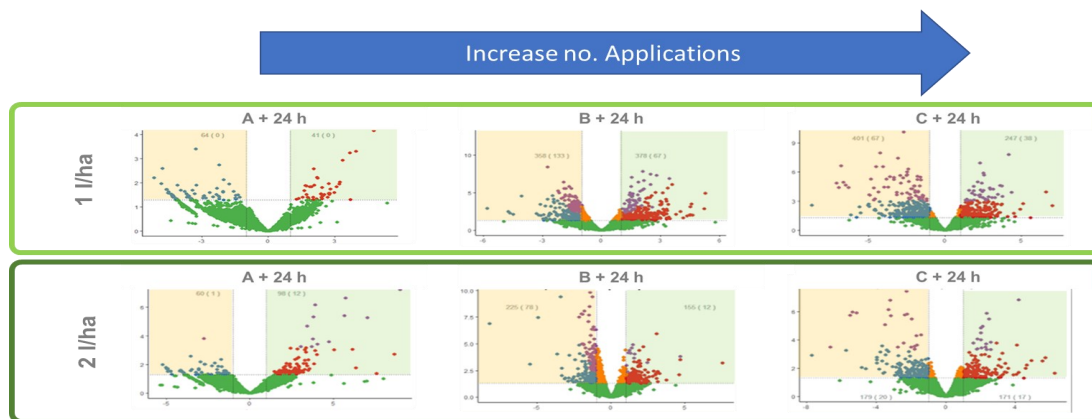


Abyss®

Seaweed Extract Biostimulant

The science behind Abyss®

Recent studies carried out by Sipcam have revealed the key actions of Abyss seaweed extract. By analysing a crops response to applications of Abyss, scientists were able to identify a clear genetic response within the plant, resulting in increased tolerance to physiological stresses.



DEG (differentially Expressed Genes) Analysis

Molecular response

Differentially Expressed Gene analysis showed that increasing the rate, or number of applications, correlated with increases in the metabolic response of the crop, via the up-regulation and down-regulation of specific genes.

Further analysis of the individual genes involved proved that the largest variations in gene expressions involved those groups related to :

Stress response Nitrogen metabolism Photosynthesis

