



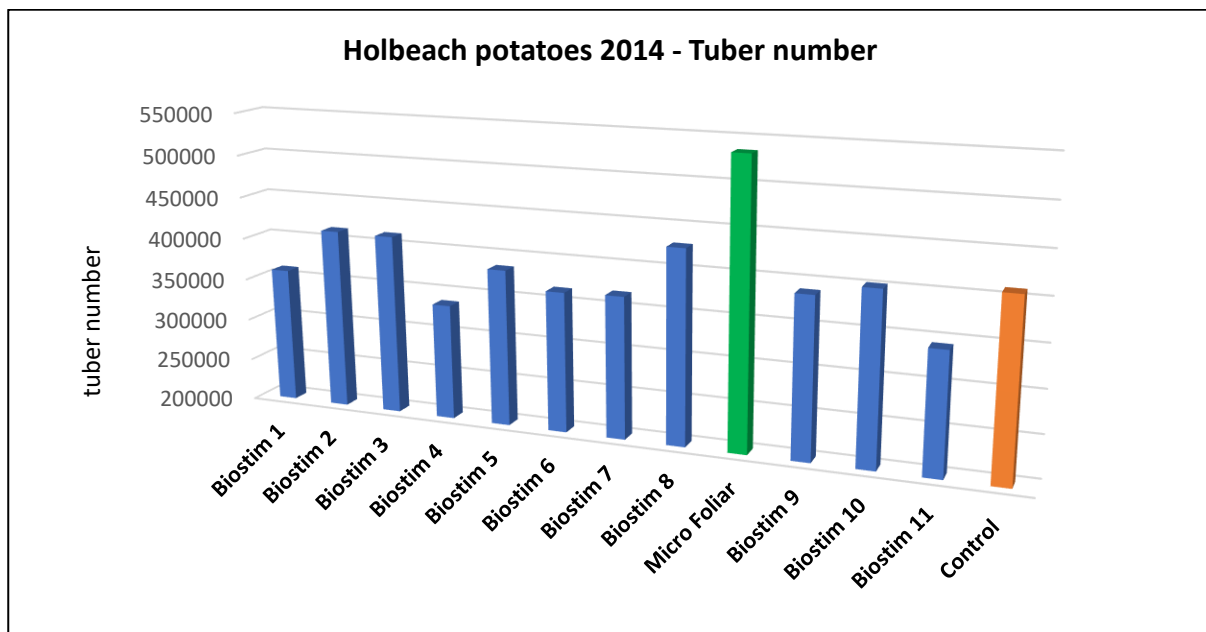
## Demonstration microplot field trial assessing potential of Micro Foliar programme as a biostimulant for potatoes.

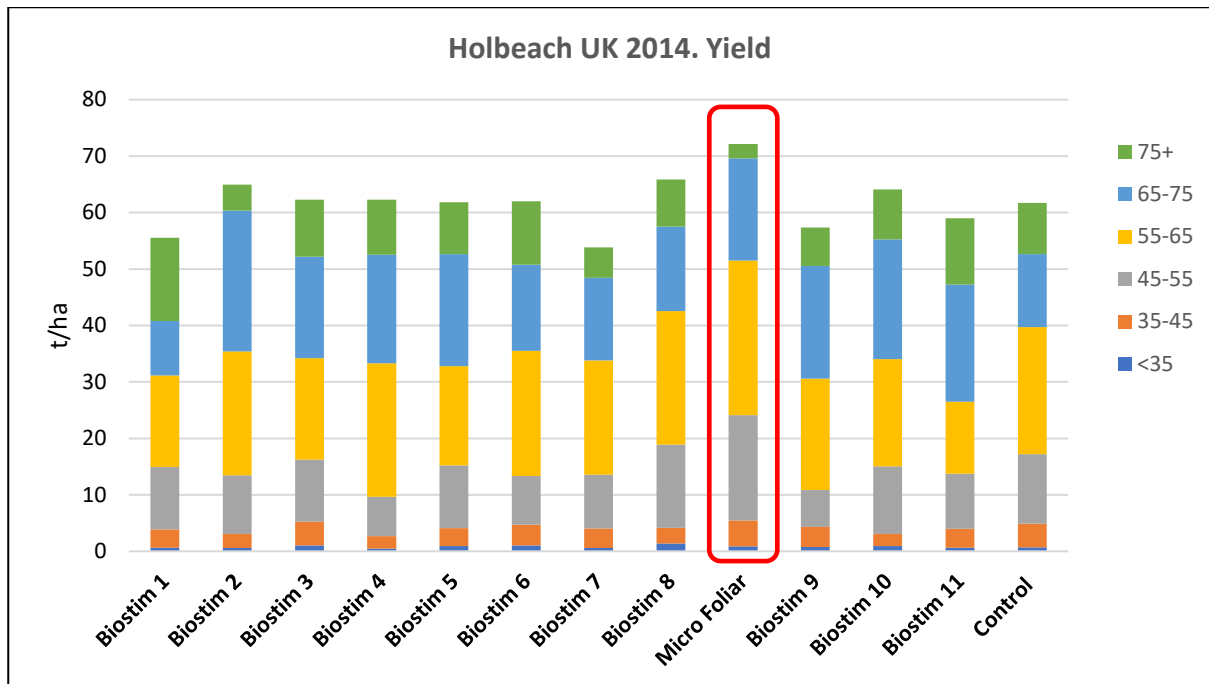
**Aim:** To assess efficacy of the MicroFoliar programme against other microbial, plant and mineral derived biostimulants on potatoes. Restricted number of applications.

**Outline methodology:** A fully replicated micro-plot trial was established in a commercial crop of Maris Piper potatoes. Each plot was 6 metres by 4 rows. The commercial crop and the trial were grown to full commercial yield and with standard conventional inputs, including fungicides. The trial consisted of 13 foliar treatments including the MicroFoliar programme and a farm practice only control. The other eleven treatments were commercially and prospectively available foliar applied biostimulants (1 – 11). *Irrigation was not available and the crop suffered a degree of drought stress during the season.*

All treatments were applied on only three occasions during the life of the crop:

- At the first indications of tuber set.,
  - Two weeks following first app.,
  - Tuber bulking
- MicroFoliar @3L/ha + 3kg Multical in 200 litres water.





**Comments:** Due to the variability between plots of the same treatment, statistical differences between different treatments were few, although there were examples such as between MicroFoliar and products 1 and 2 in tuber numbers. However, the trends in the data represent 4 replicates and strongly indicate the commercial benefits of applying MicroFoliar in these conditions, commercially.