

Tillett and Hague Technology Ltd

- Started in 1993 with “Plant Scale Husbandry”, a vision guided autonomous spot spraying vehicle (no GPS)
- Public demonstration in 1996
- Followed up with inter-row guidance that was licenced to Robydome and sold by Garfords
- THT formed on closure of Silsoe Research Institute in 2005
- Evolved from R&D contractor to a manufacturer with a strong R&D emphasis



Our product



- 900 machines using our technology sold to date
- Mostly single section inter-row cultivators and a few band sprayers
- Some multi-section for increased work rate
- 100 in-row weeders
 - *Was hydraulic now electrically driven*



Tillett and Hague Technology

Not everything is a commercial success

- Spot glyphosate application to control broadleaf weeds in drilled crops
 - *Good efficacy with low crop damage in normal circumstances*
 - *Not cost effective against alternatives, so far*
- Drenching with nematodes for cabbage root fly control
 - *Its time may come!*



Could we do better together?

- Cost benefit analysis always shows boom sprayers coming out on top if product and regulations allow it
- Against hand labour our technology will always have a short payback period
- Regulation of products and their application is the biggest factor in determining our products cost effectiveness
- Regulation is a complex topic and I don't know much about it, but I suspect to a lesser extent the same might be said about regulator's knowledge of technology
- Might it be better for everybody if chemical companies, regulators and technology providers were to discuss opportunities more often?