Family partnership. Heather & I nearly 34 years

Yorkshire Wolds – Silty Clay Loam over chalk (approx 10 miles north of the City of Culture!)

LEAF since 1993. ICM/IFM fitted into our approach and our aspiration
Cold Harbour Farm, Bishop Burton

- **Stocking and Cropping 2017**
- 376Ha + Contract Farm 156Ha
- W Wheat (for seed) 175 + 72
- Vining Peas 50 + 16
- OSR 42 + 38
- Barley 15 + 30
- S Beans 34
- Grass 60ha
- Beef 140
Pea Crop East Yorkshire.
Why Precision Farming

• Increased yields/margins
• Saved inputs
• Minimise wastage/runoff
• Hence environmental benefits
• Improved work rates
• More informed decisions
• Health & Safety
Our Current Use

• Autosteer. RTK John Deere Greenstar, x2
• Satellite controlled Knight sprayer & Amazon spreader
• SOYL field soil sampling/mapping – 3 yr cycle
• Satellite crop sensing : Soyl sense- variable N
• Yield mapping. Claas / Agrocom
• Spot treatment
• Drier control.
Precision Drilling: Herriau

seed is placed firmly into damp soil
The Future

• Expertise to use/interpret the data collected – reduce variance improve margin
• Real time information – grain, peas, muck
• Use of data. AHDB collect & analyse? Extension of what was pioneered by ADAS
• Predictive techniques based on aerial surveys to support field walking/local experience. i.e ICM
• Smaller machines
• It has to be cost effective. Large cost soon obselete/not supported