

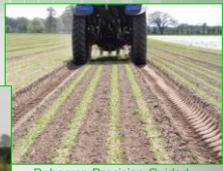
Garford Farm Machinery Ltd



GBW Sugar Beet Harvester 1953



Victor Sugar Beet Harvester 1990



Robocrop Precision Guided High Speed Hoe 2001



Robocrop InRow Weeder 2008

Masters in farm equipment since 1953.

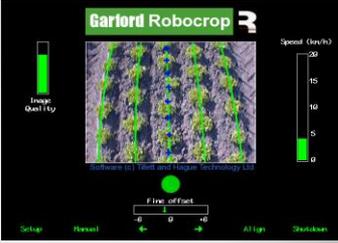
Garford Robocrop




Precision Guided High Speed Hoes and Robocrop InRow Weeder
Still at the top of the field after 15 years

The Garford Robocrop range of camera guided weeding equipment is the high performer!

- Large viewing area of multiple rows results in a better average row centre line location
- Grid matching method makes improves row location
- Very narrow row spacing can be accommodated
- Accuracy of 15mm is normal with <10mm regularly achieved.



Garford Robocrop

Garford Robocrop

17 KM / Hour



Garford Robocrop

Proven performance in many different crops and configurations



- Sugar Beet on row widths 45 and 50cm
- Maize on row widths 75-80cm
- Cereals on row widths down to 12cm
- Salad crops on row widths down to 8cm (Baby leaf)
- Root vegetable crops such as carrot on row widths down to 3.5cm!

Garford Robocrop

The High Speed Solution

- Nominal speeds of 12kph, higher speeds possible.
- Our 15 years of experience results in an integrated system which effectively implements the steering signals through either hydraulic side shifting hitch or soil engaging discs



Garford Robocrop

HOEING ON SUGAR BEET



Garford Robocrop

Robocrop InRow Weeder – the next generation!

- In 2008 Garford launched the Robocrop Inrow Weeder, the revolutionary machine which hoes between the rows and between the plants.
- Robocrop InRow uses the proven imaging system to accurately locate the individual plants and then uses this information to synchronise a special weeding disc



Garford Robocrop

Robocrop InRow Weeder – *the next generation!*

- The weeding disc loops in and out of the inter-plant gaps.
- Inter row weeding is completed by standard Garford shares
- In this way weeding of up to 99% of the surface area is possible.
- Most customers find the InRow Weeder is the only weed control solution necessary.



Garford Robocrop

Salades with InRow weeder



Garford Robocrop

InRow from the tractor cab



Garford Robocrop