

"Straightforward installation and set-up, great instructions and support, very satisfied with this system!"

(Charles Gross, Reardan, WA; 4-Row Spudnik 6400 harvester)

GREENTRONICS

RITEYIELD

"Easy to operate, great yield maps!"

(Jim Wilson, SoilEssentials, Angus, UK; 2-Row Grimme GT170 harvester)

Yield Monitor for Vegetable Harvesters

Collect yield data for root & vegetable crops



RiteYield system installed on Grimme GT170 2-row potato harvester, Angus, UK.

"If you can't measure it, you can't manage it." Everyone wants to manage well, especially high value vegetable and root crops. RiteYield provides the data you need to optimize your returns.

RiteYield technology from Greentronics now makes it possible to install an affordable weighing system in nearly any harvester with a conveyor belt. To calculate yield data, the weight of the crop is measured as it passes over sensors in the conveyor. Yield data is combined with GPS data to create a complete yield map.

The RiteYield system is designed with the installer and end-user in mind. It includes just a few components so installation and set-up can be completed in a short time. With a few calibration steps and a connection to Trimble or AgLeager GPS and data logging equipment, the system is ready to collect yield data.

Starting at just \$5490.00!!

RITEYIELD POTATO YIELD MAP

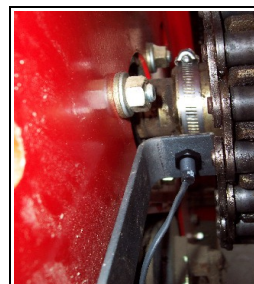
Yield data in this map show approximately 68 out of the 75 total acres produced yields at or above the economical break-even point. The remainder produced yields too low for positive net returns. Such details are valuable to growers for decisions on a whole range of inputs such as fertilizer, lime, weed and disease control, and irrigation.

Features:

- **Collect and display yield data**, as well as individual load weights, and running totals for bins, fields, varieties and test plot areas.
- **Quick calibration.** Tare calibration is very simple and easily repeated as needed.
- **Adaptable.** This system can be adapted to fit conveyors with belted chain or rubber belts.
- **Durable.** Well designed components will stand the test of time and require little maintenance.
- **Tilt compensation option.** For operating in hilly fields.
- **In-Line Conveyor Scale option.** The RiteYield system includes all the components needed for an in-line weighing system. Between harvest seasons, the yield monitor can be installed in a truck loader or other conveyor and so work double duty.



Close-up of roller mount in a potato harvester; **Load cells** are mounted to brackets and support rollers under the belt to weigh crops on the belt.



Shaft sensor picking up rotation speed from a small magnet clamped to the shaft. To calculate accurate yield data, the system needs to know the conveyor speed as it varies with PTO rpm or oil flow.

Estimated Volume (Dry) (bu/ac)	
Very Best	(9.94 ac)
Best	(6.74 ac)
Excellent	(10.93 ac)
Very Good	(10.80 ac)
Good	(7.39 ac)
Allright	(8.05 ac)
Ok	(9.27 ac)
Break even	(6.03 ac)
Not Good	(3.39 ac)
Terrible	(1.09 ac)



Controller with sealed keypad and bright display to show harvest data and to navigate the simple menu system.

Ordering Information

Part #: YM400-2

System includes Controller, Interface Box, two load cells with mounting brackets, one shaft speed sensor, sufficient wiring to suit most installations, installation and operator's manual. Installation not included and to be arranged by purchaser. This is not a legal-for-trade weighing system. One year limited warranty, with free technical support via telephone, fax, or email.

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