

Introducing the Cultiva **MARKERLT** Series with “Virtual Highway”

Simple, Affordable Guidance for Everyone



People making technology work...
for people.

With a light bar, you draw a highway in your mind ... Let us do the drawing for you! **MarkerLT** from Cultiva is an easy-to-use agricultural guidance system that combines state-of-the-art GPS technology with virtual reality display software and hardware. The **MarkerLT** was designed to be extremely intuitive.

Field guidance just got easier ... Just follow the highway. **MarkerLT** eliminates complicated light bar guidance that is difficult to learn. By using a “**Virtual Moving Highway**,” the operator steers the vehicle as if following the lines on a road.

Whether you need **headlands**, **straight** or **contour** guidance, the high contrast, backlit LCD display is easy to read under dark or bright conditions. The “**Virtual Highway**” makes following **contours** easier than any other system on the market.

Adding to its versatility, this system can be set up to operate in **different languages**.

Precision Agriculture
CULTIVA[™]
www.cultiva.com

Simplifies Critical Field Operations

Providing hands-off guidance during spraying or spreading operations, **MarkerLT** is easy to use. Set field parameters once, and your field operation is completely hands-off, with no more buttons to push. **MarkerLT** retains setup and trajectory information, and recalls it when you return to the field. It picks the right swath the first time ... and every time thereafter. System memory stores field boundaries, no matter what size or shape. Clearly identified indicators display real time vehicle speed, swath number, and distance from optimal path.



- ① **Rugged case survives harsh agricultural conditions**
- ② **Swath number display**
- ③ **Controls are easy to operate**
- ④ **Real time vehicle speed**
- ⑤ **“Moving Highway” display**
- ⑥ **Distance from guide line**

Authorized Reseller:

Accuracy In Every Field

The **MarkerLT** operates with the newest Wide Area Augmentation System (WAAS) differential signal provided by the Federal Aviation Administration (FAA), and is accurate to sub-meter levels. **MarkerLT** also includes the latest software that keeps track of the area covered and material applied. It automatically remembers the headlands where you've sprayed, and prevents you from over-spraying areas already covered.

Optional alternative receivers are available from Cultiva or use your own **guidance quality 5 Hz** receiver.

When you need more information

Additional features include a local time zone adjustment, adjustment of the offset from antenna to sprayer boom, and a look-ahead warning with countdown when approaching headlands.

MarkerLT Specifications

Screen:	8.1 in. LCD
Processor:	Pentium 133 MHz
Power req.:	10W (10-18 VDC)
Operating temp:	14° F to 122° F (-10° to +50° C)
Protection:	NEMA* -4
Units:	US or Metric
Dimensions:	8 x 10 x 1.5 in. (200 x 250 x 37 mm)
Weight:	2.6 lb. (1.2 kg)

*National Electrical Manufacturers Association

For more information about **MarkerLT**, please visit your nearest Cultiva representative, or contact us at:

Precision Agriculture
CULTIVA[™]

26 W. Lone Cactus Dr., Suite 800 • Phoenix, AZ 85027

Phone: (623) 580-5070

Fax: (623) 580-0681

E-Mail: info@cultiva.com

www.cultiva.com

©2003 Cultiva, Inc. Cultiva (logo), MarkerLT and GPSMark are trademarks of Cultiva, Inc.