

## How do I operate the R/E-Tilt Control on my Weed Badger®?

The R/E-Tilt Control (Retract/Extend-Tilt Control) is an exclusive Weed Badger® feature. The R/E-Tilt Control operates two basic functions: 1) retract/extend movement of the working head in and out of the row and 2) on the go, side-to-side tilt angle. This gives you complete control of the working head that feels like an extension of your arm and hand. The **R/E-Tilt Control** is standard on Models 4000 and 4200.

The fingertip **R/E Control Lever** is located on the left side of the R/E-Tilt Control. Mount the control in a location that is convenient for the operator. (Ask about optional mounting kits.)



R/E-Tilt Control



Push R/E Control Lever forward to move into the row. (extend)



Pull R/E Control Lever back to move out of the row. (retract)



Model 4200



Model 4000

### How do I operate my Weed Badger without a sensor?

A basic Model 4000 or 4200 machine package does not include an automatic sensor. Sensors are optional for two reasons. 1) Not all crops and field conditions require use of the sensor 2) There is more than one sensor package to choose from. The retract/extend motion is easily controlled using the fingertip R/E Control Lever. The lever is spring loaded and returns to a neutral position when you let go.

So how does it work? You'll find a toggle switch on the left side, near the R/E Control Lever, next to the Automatic/Manual label. (See photo following.) This control switch allows for two modes of operation.

- **Manual mode** – When the toggle switch is on *Manual* position the working head extends or retracts as you move it. Push the lever forward to extend into the row. Pull the fingertip lever back to retract the tiller or mower out of the row. Release the spring-loaded lever the working head remains wherever last positioned. It does not move into

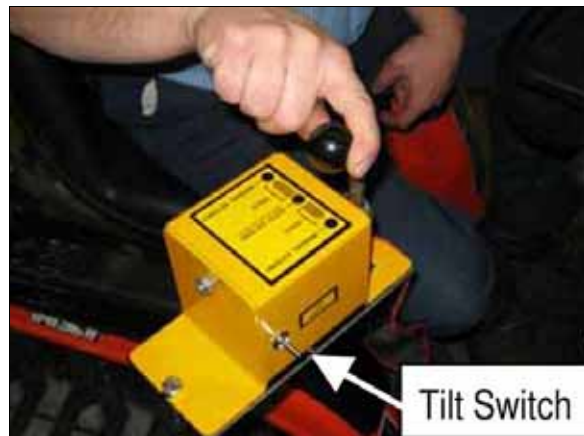
the row or toward the tractor until *you* move the lever again. This allows you to control or modulate the stroke or distance of retract and extend. Remember, Weed Badger is tough on weeds, not on the operator. R/E Control Lever operation is simpler than using the turn signal of your automobile.

- Semi-automatic mode (Automatic mode setting is also used when a sensor is installed.) – Flip the switch to Automatic. This setting gives you the choice of making your *no sensor operation* semi-automated. Pull back the R/E control lever and the Weed Badger retracts out of the row. Let go of the lever and the machine returns or extends toward the row *on its own*. This mode only requires one-half the operator input.

This is called *No Sensor Operation* and it works great in multi-stem shrubs, blueberries, newly planted vines or trees. No Sensor Operation is also used in large out of control weed conditions.



Automatic/Manual Switch



Tilt Switch

### **How is the R/E-Tilt Control used when an optional automatic sensor is installed? Can I override an automatic sensor?**

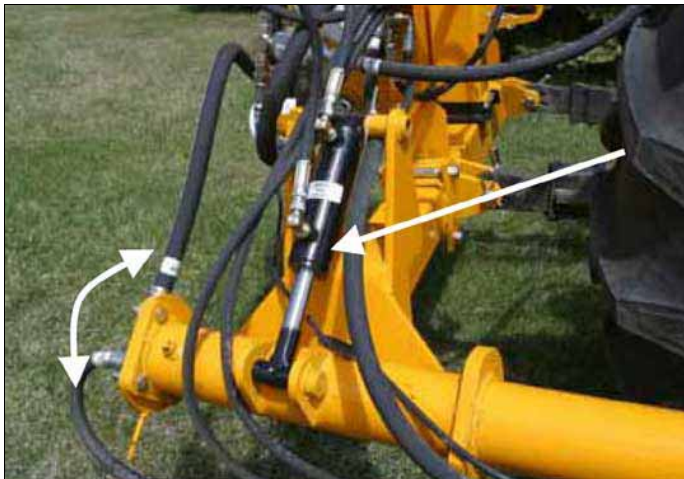
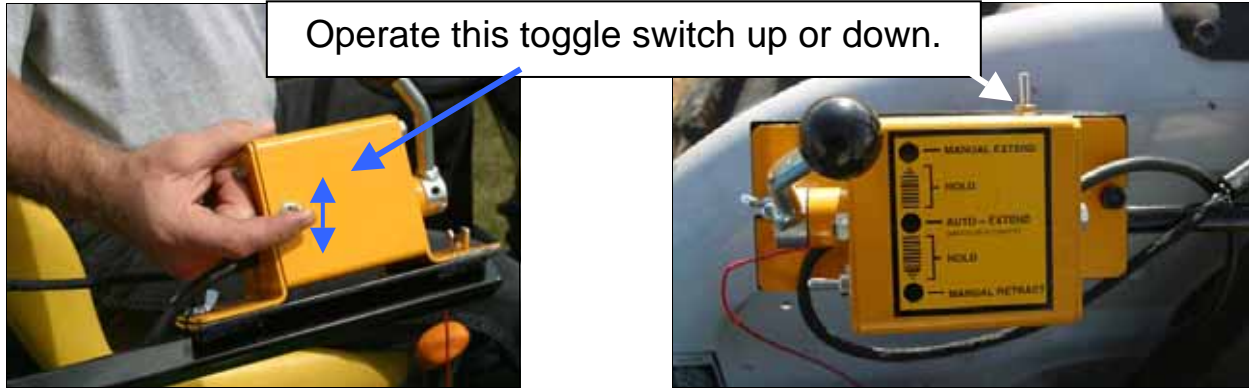
The R/E Control Lever gives you immediate sensor override. The operator always has the *final say*. As soon as you move the R/E Control Lever corresponding retract/extend motion results. Extend and hold the working head in toward the row OR retract and hold it out of (away from) the row. Let go of the lever and immediately return to fully automatic sensor operation, and thus extend toward the row.

### **When is sensor override required?**

There are times when override retraction or extension is required. No field operated in-row sensor can make the decisions that only humans can make. For example the following may require a extend or retract decision by the operator: big weed conditions, around sprinkler risers, volunteer trees and plants, multi-stemmed plants, or crooked trunks. This unique feature sets Weed Badger<sup>®</sup> apart from all the rest. It is what makes Weed Badger far-more effective in the real-world conditions you face every day.

## How does on-the-go tilt work with R/E-Tilt Control?

Weed Badger® offers another exclusive adjustment feature. A fingertip controlled **Tilt Switch** is located on the forward side of the R/E Tilt Control station.



Move the switch and this hydraulic cylinder strokes up or down, causing the Forward Arm, parallel to the tractor, to tilt side-to-side, adjusting perfectly to match the in-row terrain. On-the-go tilt is accomplished with the touch of a finger, from the tractor seat.

The full range of tilt on the Models 4000 and 4200 is illustrated below. Ask us how to achieve an even wider range of custom tilt adjustments beyond the range than is illustrated below.



Match the angle of variable field terrain and your in-row strip on the go. It enables you to shape strips, build berms, hillup, do spring cleanup, and keep your valuable soil where you want it. Mow alongside ditches, pond edges, and terraces.