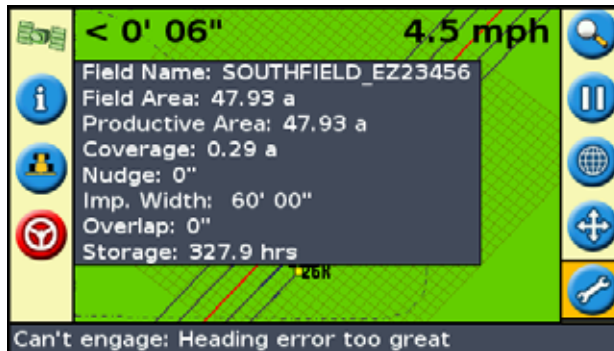

Boundary recording

The EZ-Guide 250 Lightbar Guidance System now allows you to create boundaries in any field with any pattern type. All boundaries are displayed on the run screen and the summary report. Create, import, or reuse a boundary for each of your fields to provide accurate acre counts.



When using the AgGPS® EZ-Boom® 2010 application control system, you can also use boundaries to set the areas you wish to apply material to. Once you have recorded the boundary, EZ-Boom applies inside the boundary only. The application automatically switches off when the vehicle moves outside the boundary.





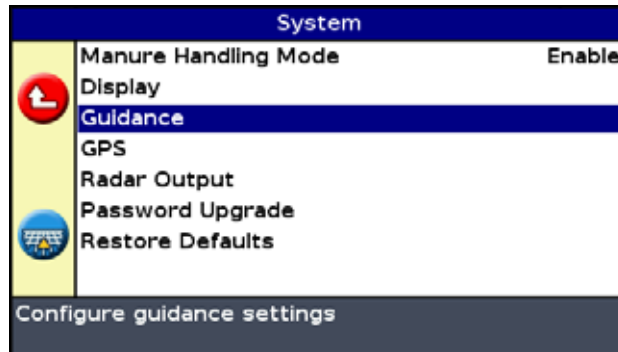
Tip – You can record multiple boundaries in a single field. When reloading a field with one or more boundaries present, all boundaries are automatically loaded.

Note – When creating a Headland pattern, a boundary is automatically created around the outside pass. For all other pattern types, you can add a boundary.

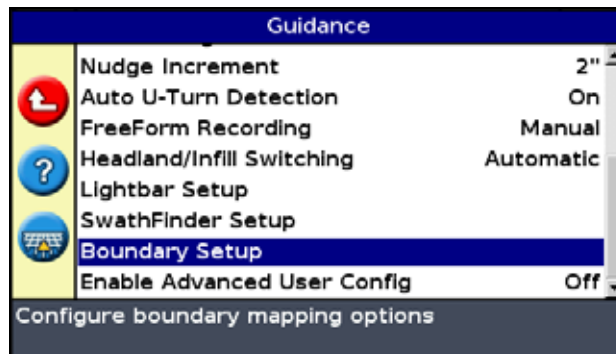
Note – Boundary recording is available in Advanced mode only.

Enabling and disabling boundaries

1. From the main guidance screen, select the  icon and then press . The *Configuration* screen appears.
2. Make sure that the user mode is set to Advanced.
3. Select *System / Guidance*:

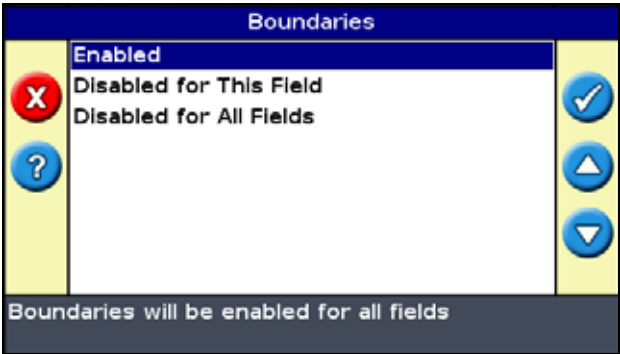


4. Select *Boundary Setup*:



5. Select *Boundaries*.


6. Select the appropriate option:

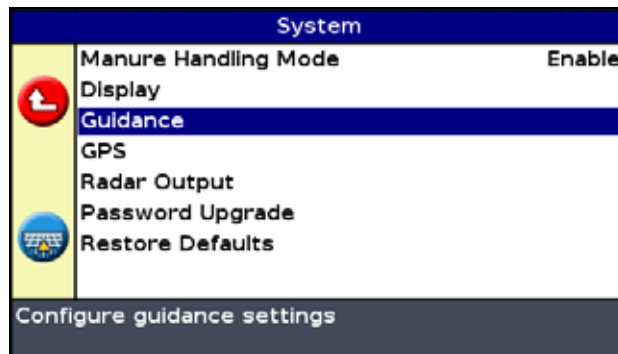


If you select...	Then
<i>Enabled</i>	boundaries are enabled for all fields. A screen asks if you want to record a boundary or not when: <ul style="list-style-type: none">• Starting a new field• Opening an existing field• Adding an AB line to the currently open field• Selecting a different AB line in the currently open field Select the appropriate option.
<i>Disabled for This Field</i>	boundaries are switched off for the current field you are working in. The option automatically changes to <i>Enabled</i> when you begin your next field. To use the <i>Disabled for This Field</i> option for the next field, you must make this selection again.
<i>Disabled for All Fields</i>	boundaries are switched off for all fields. This option remains active in all fields until you select another option.

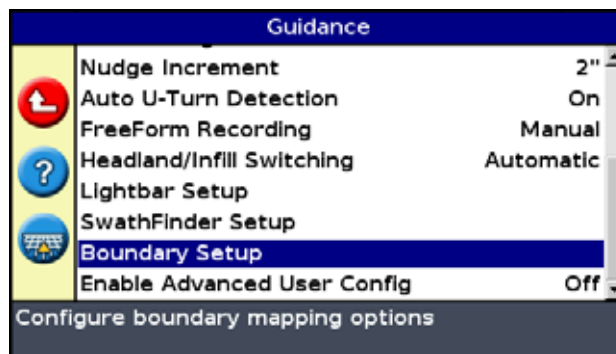
Expand boundary option

Use the Expand Boundary option to determine how the boundary will be altered after you finish recording a boundary.

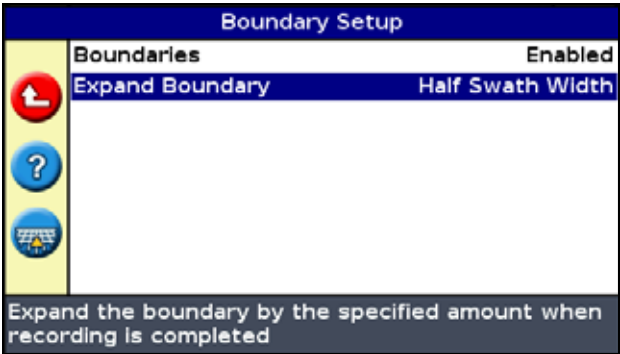
1. From the main guidance screen, select the  icon and then press **OK**. The *Configuration* screen appears.
2. Make sure that the user mode is set to Advanced.
3. Select *System / Guidance*:



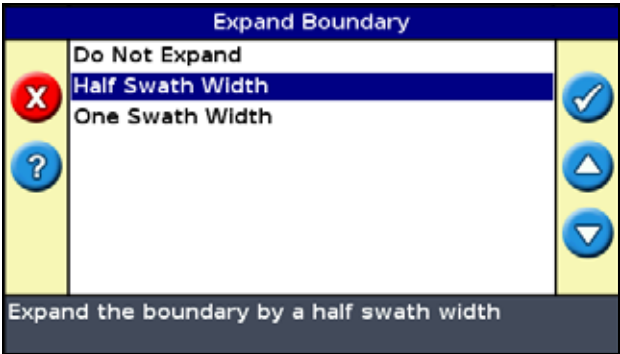
4. Select *Boundary Setup*:



5. Select *Expand Boundary*:




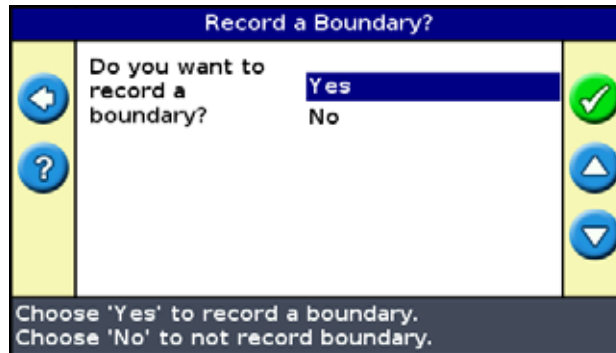
6. Select the appropriate option:




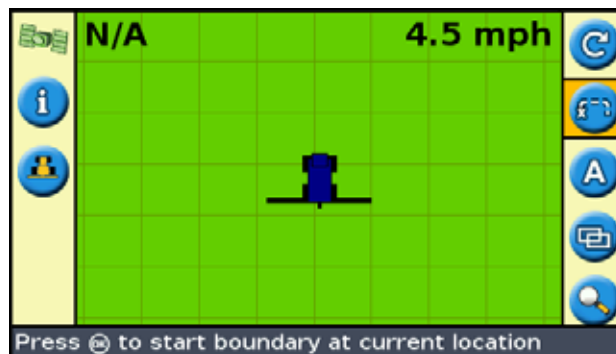
Select...	To
<i>Do Not Expand</i>	prevent the boundary being altered once you have finished recording. The boundary remains in the same place as you recorded it.
<i>Half Swath Width</i>	expand the boundary by one half a swath width toward the outside of the pass. The boundary expands once you have finished recording.
<i>One Swath Width</i>	expand the boundary by one full swath width toward the outside of the pass. The boundary expands once you have finished recording.

Recording a boundary




1. From the main guidance screen, select the  icon and then create a new field or select an existing field.
2. Step through the wizard until you reach the *Record a Boundary?* screen:





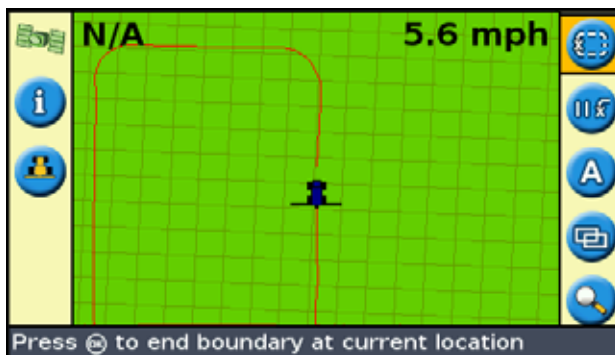
3. Select *Yes*.
4. Continue through the wizard until you return to the main guidance screen.
5. On the main guidance screen, select the  icon and then press **OK**. This begins mapping the boundary:



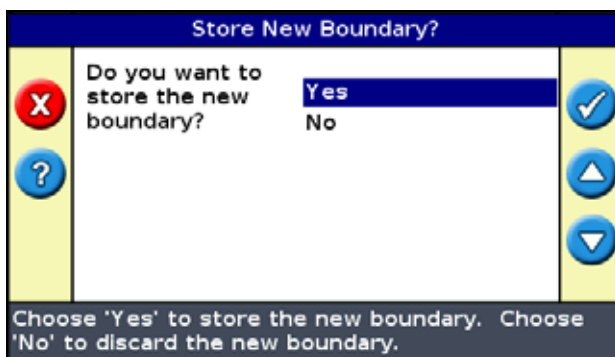


Tip – To pause recording at any time, for example to navigate around an obstacle such as rocks, press the  icon and then press . To resume recording, press the  icon and then press . A straight line connects your current position with the last recorded point before you paused.

6. Drive the entire length of your boundary to record it accurately. As you are doing this, you can also set your guidance line.
7. When you have finished mapping the boundary, select the  icon and then press . This ends mapping the boundary:



8. To save the new boundary, select *Yes* on the *Store New Boundary?* screen:



The boundary is saved.

If you select *No*, the boundary is discarded and you are returned to the main map screen where you can record the boundary again.

Note – *You must manually close the boundary. It does not close automatically when you drive back to the start point.*

Boundaries and the pivot pattern

Pivot boundaries behave differently in easy and advanced modes:

In...	When you create a pivot...
Easy mode	the boundary is automatically generated.
Advanced mode	you must record your own boundary. (It is not automatically generated.)
Note – <i>This includes all fields, including those created with earlier versions of firmware.</i>	

SwathFinder

The EZ-Guide 250 Lightbar Guidance System now helps guide you safely from one swath to another by providing a turning path connecting the two swaths. The SwathFinder option improves turns and accuracy in finding the entry point to the next AB line. It is available for AB, A+, Headland AB, and Headland A+ field pattern types.

