

## Weed Control for Wheat Fields

Milkthistle, bindweed, fleabane, Roundup Ready Cotton, and ryegrass are just a few of the difficult to control weeds for wheat farmers. Weeds drain the nutrients and water from the soil reducing yield and profits.

### Application

Wheat farmers use WeedSeeker systems to control weeds for chemical fallow spraying, no-till field spraying, pre-plant weed spraying and post-harvest weed control by automatically spot spraying the weeds and *not* bare soil.



### Current Practices

Self-propelled, utility vehicles, ATVs or pull-behind sprayers all constantly apply herbicide regardless of high or low the weed coverage. Herbicide costs are the same in either situation.

### WeedSeeker Use

The WeedSeeker system uses advanced optics and computer circuitry to sense the presence of weed. When the weed enters the sensor's field of view, it signals a spray nozzle to deliver a precise amount of herbicide only to that weed. Herbicide use is reduced 60% to 90% on most spray applications.

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## Value and Benefits

- ▽ Reduce chemical costs by up to 90%
- ▽ Eliminate manual spot spraying crews
- ▽ Reduce spray passes by combining with mowing or discing equipment
- ▽ Environmentally friendly
- ▽ Sprays day and night
- ▽ Reduces spray drift
- ▽ Retrofits existing equipment
- ▽ Sprays only green plants, not bare soil
- ▽ Economical application or high chemical rates to maximise weed kill
- ▽ Helps reduce herbicide-resistant weeds
- ▽ Allows additional spray passes late in the season to kill weeds before seeding

