

# Flag the Technology

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**Flag the Technology** is a quick and inexpensive method to prevent misapplication of pesticides and warn of technology that is sensitive to potential off-target drift.

Advanced technology continues to improve the way we manage weeds in agricultural crops. Recently, herbicide-tolerant crops have been developed that allow certain non-selective or broad-spectrum herbicides to kill weeds without injury to the crop. The use of non-selective herbicides on tolerant crops presents special challenges to ensure crops without the trait are protected from accidental misapplications and off-target movement.

The **Flag the Technology** idea is simple. Colored bicycle-type or marker flags that represent a particular herbicide technology are placed at the field entrance or in conspicuous locations in the field visible from ground and air. The color of the flag represents the technology. Multiple flags may be used if needed to ensure visibility. In fields where stacked technology (such as Roundup Ready™ and Liberty Link™) is utilized, flags representing both technologies are displayed. Bright orange flags will not be used to represent a technology but rather be reserved as a color for marking other areas of concern such as risers and construction.



**Yellow flags designate this field as a Clearfield™ rice field.**



**Corn field with glyphosate (white) and glufosinate (bright green) stacked technology.**

The objective of the **Flag the Technology** program is to significantly reduce herbicide application errors and to foster good community relations.

This program is presented by the University of Arkansas System Division of Agriculture, Cooperative Extension Service and is endorsed by the Arkansas Agricultural Industry.

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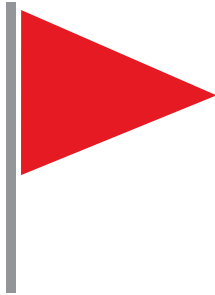
## Preferred Flag Size

6' x 1/4" fiberglass pole with minimum 11" x 17" flag for maximum visibility

## Color Codes

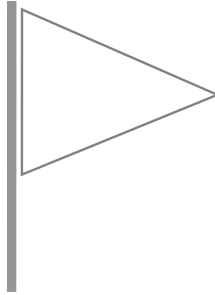
### RED

signifies conventional varieties with no herbicide technology traits. *Extreme caution.*



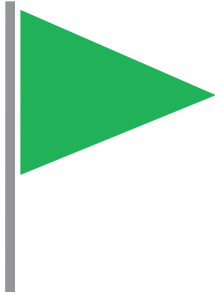
### WHITE

represents the Roundup Ready™ technology that is tolerant to glyphosate or Roundup® herbicide.



### BRIGHT GREEN

indicates the Liberty Link™ technology. This technology is tolerant to glufosinate (Liberty®) herbicide.

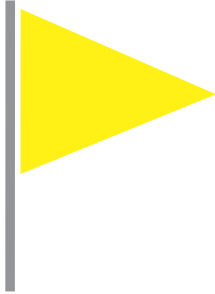


### BRIGHT YELLOW

is the color chosen for Clearfield™ rice technology and STS™ soybeans.<sup>1</sup> A yellow flag in a grain sorghum field denotes tolerance to Inzen™ brand grain sorghum from DuPont.

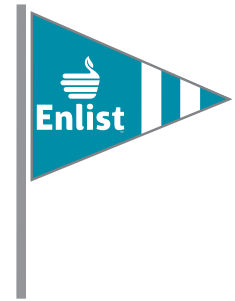
This sorghum will tolerate Zest® herbicide; its active ingredient is nicosulfuron.

<sup>1</sup>Although many herbicides are in the ALS family of herbicides, crops with this technology are not tolerant to all ALS herbicides.



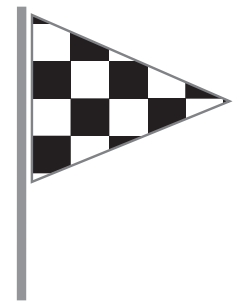
### TEAL

indicates tolerance to both 2,4-D and FOP (ACCCase) herbicides or the Enlist™ technology. The white stripes indicate tolerance to glyphosate. For Enlist™ cotton and soybean fields, a green flag should be added to denote tolerance to glufosinate (Liberty®).



### BLACK

indicates tolerance to dicamba herbicide or Xtendimax®/Engenia®. The black and white checks indicate tolerance to both dicamba and glyphosate. A green flag should be added for cotton to denote glufosinate (Liberty®) tolerance.



### PURPLE

indicates Provisia™ rice from BASF which will tolerate Provisia® herbicide. It will injure both conventional and Clearfield™ rice. In addition, Provisia™ rice will **not** tolerate Clearfield™ herbicides. The active ingredient in Provisia® is quizalofop, an ACCCase inhibitor; however, this technology will **not** tolerate all ACCCase inhibitors.



Printed by University of Arkansas Cooperative Extension Service Printing Services.

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