



## HERBICIDE RESISTANCE TESTING PROGRAM

Survey data collected from over 200 growers and consultants across cotton growing regions shows that the majority are managing herbicide resistant weeds on farm. In most cases, weeds identified are suspected resistant due to herbicide failure, with only a small number of growers using resistance testing services to confirm the status of suspect weed populations. While only a small number of growers are using resistance testing services, 40% indicated that they think access to a free resistance testing program would assist them in managing resistance on their farm.

Monsanto would like to assist growers and consultants to confirm the status of suspected resistant weeds on farm and to do so, is offering a free herbicide resistance testing program for Australian cotton growers.

The aim of the program is to provide access to free herbicide resistance testing for cotton growers and their consultants to assist decision making and IWM strategy development.

## HOW WILL IT WORK?

1. This program is available to all farmers who have grown Roundup Ready® Flex cotton in the previous 3 seasons.
2. Consultants/Growers can test five of the major weeds present in cotton systems for resistance to three critical herbicides, Roundup Ready® Herbicide with PLANTSHIELD® by Monsanto, Verdict® and Select®.

Weeds	Glyphosate	Verdict	Select
<b>Annual Ryegrass</b> ( <i>Lolium rigidum</i> )	Y	Y	Y
<b>Awnless Barnyard Grass</b> ( <i>Echinochloa colonum</i> )	Y	Y	Y
<b>Liverseed Grass</b> ( <i>Urochloa panicoides</i> )	Y	Y	Y
<b>Red Pigweed</b> ( <i>Portulaca oleracea</i> )	Y	N	N
<b>Milk (sow) thistle</b> ( <i>Sonchus oleraceus</i> )	Y	N	N

3. Monsanto have pre-printed testing envelopes that can be used for weed seed collection. Please email or call Kate Lang ([katherine.sarah.lang@monsanto.com](mailto:katherine.sarah.lang@monsanto.com), 0418 327 101) to arrange for the number of envelopes you need to be posted to you.
4. Testing will be anonymous. Monsanto will not be provided with grower identification information.