

Roundup Ready 2 Xtend Soybean

Frequently asked questions

Christy Sprague, Extension Weed Science

www.MSUweeds.com

January 2017



MICHIGAN STATE UNIVERSITY WEED SCIENCE

What herbicides are Roundup Ready 2 Xtend soybean resistant to?

- | | |
|--|-----|
| • Glyphosate (i.e., Roundup) | Yes |
| • Dicamba (<u>only</u> formulations registered for RR2 Xtend soybean) | Yes |
| • Liberty (glufosinate) | No |
| • 2,4-D | No |

Can all dicamba formulations be sprayed in RR2 Xtend soybean?

No

- Currently, XtendiMax and Engenia are the only labeled dicamba products for use. Consult the CDMS website (www.cdms.net) or company websites for future registrations.

When can labeled dicamba formulations be sprayed on RR2 Xtend soybean fields?

Preplant, PRE, POST

- Applications can occur from prior to planting up through R1 (1st flower) soybean.

What product rates can be applied in RR2 Xtend soybean?

	XtendiMax	Engenia
--	-----------	---------

- | | | |
|--|------------------|--------------|
| • Application rates prior to soybean emergence | 22 or 44 fl oz/A | 12.8 fl oz/A |
| • Single POST application rate (maximum two POST applications) | 22 fl oz/A | 12.8 fl oz/A |
| • Total maximum amounts of product per year | 88 fl oz/A | 51.2 fl oz/A |

Are buffers required when applying XtendiMax or Engenia?

Yes	Yes
-----	-----

- | | | |
|---|----------|----------|
| • Downwind buffer for 0.5 lb ae/A (XtendiMax 22 fl oz/A) and (Engenia 12.8 fl oz/A) | 110 feet | 110 feet |
| • Downwind buffer for 1.0 lb ae/A (XtendiMax 44 fl oz/A) | 220 feet | — |

Can I add ammonium sulfate (AMS)?

No	No
----	----

Can I tank-mix with other herbicides or additives?*

No	No
----	----

Are there other requirements for application?

Yes	Yes
-----	-----

- | | | |
|---|---------------|---------------|
| • Only approved nozzles can be used.* | | |
| • Ground speeds of spray equipment should not exceed | 15 mph | 15 mph |
| • Boom height above the target pest or crop should not exceed | 24 inches | 24 inches |
| • Ideal wind speeds at application | 3-10 mph | 3-10 mph |
| • Can I spray when the wind speed is >15 mph? | No | No |
| • Can I spray when the wind speed is <3 mph? | No | - see label - |
| • DO NOT apply during a temperature inversions | - see label - | - see label - |

Can I spray when the wind is blowing toward sensitive crops?

No	No
----	----

How many rinses should be used to clean the spray equipment?

3	- see label -
---	---------------

DO NOT apply if rain is expected within ____ of application.

24 hrs	4 hrs
--------	-------

Do I have to spray dicamba if I plant RR2 Xtend soybean?

No	No
----	----

*XtendiMax, Engenia and dicamba products approved in the future for use in Roundup Ready 2 Xtend soybean will have a living label that will be posted on the web www.xtendimaxapplicationrequirements.com and www.engeniatankmix.com. Always consult the label prior to application for current use restrictions.