

Enlist Duo Herbicide Fact Sheet

October 2014

➔ Facts about Enlist Duo

- Enlist Duo is a combination product of two commonly used herbicides, glyphosate (e.g., Roundup) and 2,4-D.
 - One difference is that Enlist Duo contains a variation (the choline salt) of 2,4-D that is less prone to drift and volatilization than its other forms.
 - 2,4-D and glyphosate are two of the most widely used herbicides to control weeds in the world. Dozens of countries including the United States, Canada, Mexico, Japan and 26 European Union Members have approved glyphosate and 2,4-D for use on residential lawns and numerous crops. Last year, Canada approved this same combination product (Enlist Duo) for the same uses that EPA is authorizing.
 - Glyphosate is already registered for use on corn and soybeans genetically engineered to tolerate glyphosate. 2,4-D is registered for use on corn and soybeans.
 - An urban myth is that 2,4-D is Agent Orange. EPA canceled 2,4,5-T, the component of Agent Orange that made it dangerous, in 1985.
 - Enlist Duo will provide a new tool to help farmers manage weeds that are resistant to herbicides.
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➔ How EPA Assessed the Safety of Enlist Duo

With Enlist Duo's large body of scientific information, EPA:

- Evaluated risks to all age groups, from infants to the elderly, and agricultural workers.
 - Used worst-case estimates for exposure from pesticide drift or movement, food, drinking water, and use around homes and public spaces. (Example: We assumed that all corn and soybeans in the United States would be treated with Enlist Duo, certainly a gross exaggeration.)
 - Aggregated risks, looking at total potential exposure from all of these sources. Used worst-case estimates for impacts on the environment, including risks to endangered species.
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➔ EPA's Decision to Register Enlist Duo

- After a rigorous analysis of all the scientific studies and considering all public comments, EPA is registering the herbicide Enlist Duo to control weeds for genetically engineered corn and soybeans.
- Use is safe for everyone, including infants, the developing fetus, the elderly, and highly exposed groups including agricultural workers. The approved use is safe for the environment including endangered species.
- The decision meets the rigorous Food Quality Protection Act standard of "reasonable certainty of no harm" to human health.
- EPA's decision to register Enlist Duo also includes a number of safety measures to address pesticide spray drift and potential development of herbicide resistance in weeds.