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Roundup-Branded Herbicides: Active Ingredient Changes

It was recently announced that Roundup herbicide is changing its formula, and you may be wondering how much of an impact this will have. K-State Research and Extension's Pesticide Safety Coordinator, Frannie Miller, offers the following explanation and advice for anyone who plans to use Roundup products:

For decades, herbicide products sold under the trade name *Roundup* contained the active ingredient glyphosate. Glyphosate-containing products are labeled for non-selective control of broadleaf and grassy weeds in landscape situations. Now, many *Roundup*-branded herbicides available to consumers no longer contain the active ingredient glyphosate. Glyphosate has been replaced with active ingredients, such as diquat, fluazifop, imazapic and triclopyr. Trade names for these products include: *Roundup* Extended Control, *Roundup* Weed and Grass Killer – Exclusive Formula, and *Roundup* Dual Action.

These active ingredient changes have created confusion for consumers regarding where and when these products can be applied. Undesirable injury may occur if these active ingredients are inadvertently applied to landscape beds or vegetable gardens, as they cannot be used in the same manner as products containing glyphosate. It is important to note that these products control different weed species and have different application rates than previous products. This illustrates why reading and reviewing the label of any purchased herbicide is extremely important.

Moving forward, consumers and applicators must be aware of the active ingredients in the *Roundup* products they purchase, as they may change. Be sure to carefully read and follow the labels. For more information about this topic, consult the Extension publication "[UPDATE ON ROUND-UP BRANDED HERBICIDES FOR CONSUMERS](#)" from the University of Tennessee.