



POINTS TO CONSIDER

A series designed to correct
mischaracterizations in selected
publications regarding crops and foods
improved through biotechnology

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INACCURATE CLAIMS MADE:

Glyphosate tolerant soybeans contain elevated pesticide residues.

Organic soybeans have a healthier nutritional profile than other soybeans.

Source: [Compositional differences in soybeans on the market: Glyphosate accumulates in Roundup Ready GM soybeans](#) by Bøhna, T., M. Cuhraa, T. Traavika, M. Sandenc, J. Fagan, & R. Primiceriob., December 9, 2013

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FACT: LEVELS REPORTED ARE WELL WITHIN THE RANGE OF NATURAL VARIATION; POOR EXPERIMENTAL DESIGN & ANALYSIS MAKES ANY CLAIMS IMPOSSIBLE TO UPHOLD; THE SAFETY OF GLYPHOSATE IS WELL ESTABLISHED AND WIDELY RECOGNIZED.

- Even if the assertions made were correct, they would describe nothing surprising or problematic. The safety of glyphosate is well established.
- The experimental design, analytical methods, and literature citations are so substandard and inadequate that the claims made are not supportable.
- It is well known and uncontroversial that soybean varieties vary widely in protein/carbohydrate/lipid composition. The study neglected to control for these variables, which are more than sufficient to account for all variation reported.
- The authors fail to disclose their conflicts of interest, through which they are strongly aligned with opponents of agricultural biotechnology with a well-deserved reputation for manufacturing negative claims unsupported or contradicted by data.

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