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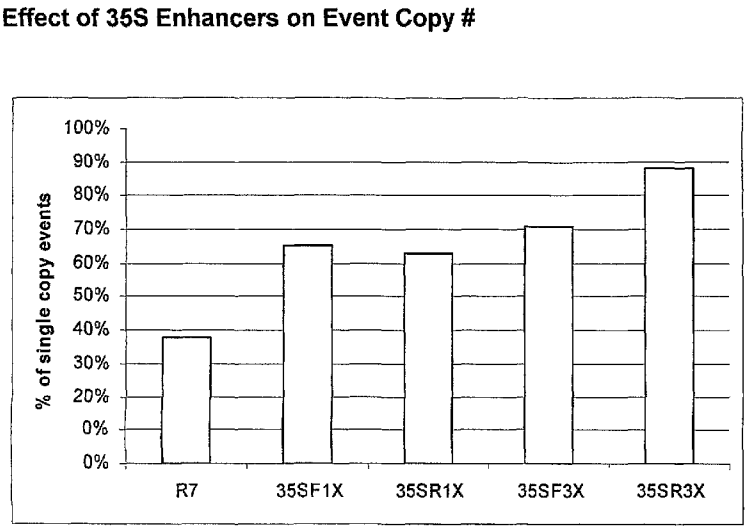
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[Continued on next page]

(54) Title: COMPOSITIONS PROVIDING TOLERANCE TO MULTIPLE HERBICIDES AND METHODS OF USE THEREOF



(57) Abstract: Methods and compositions are provided related to improved plants that are tolerant to more than one herbicide. Particularly, the invention provides plants that are tolerant of glyphosate and are tolerant to at least one ALS inhibitor, and methods of use thereof. The glyphosate/ALS inhibitor-tolerant plants comprise a polynucleotide that encodes a polypeptide that confers tolerance to glyphosate and a polynucleotide that encodes an ALS inhibitor-tolerant polypeptide. In specific embodiments, a plant of the invention expresses a GAT polypeptide and an HRA polypeptide. Methods to control weeds, improve plant yield, and increase transformation efficiencies are provided.

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