



Cover image: Pictured is a transgenic cotton plant. Agricultural weeds are becoming increasingly resistant to herbicides. Devendra Pandeya et al. report that transgenic cotton plants expressing the bacterial gene *phosphite dehydrogenase*, which enables the conversion of phosphite into a metabolizable form of phosphorus, outcompeted and suppressed the growth of weed species in artificial and natural soils in the presence of phosphite. The findings might help suppress herbicide-resistant weeds and enable crop production. See the article by Pandeya et al. on pages E6946–E6955. Image courtesy of Damar L. López-Arredondo.

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