

Video: Led by gene editing, these scientific breakthroughs are the future of agriculture

A new report from the National Academies of Sciences, Engineering, and Medicine identifies the most promising scientific breakthroughs that are possible to achieve in the next decade to increase the U.S. food and agriculture system's sustainability, competitiveness, and resilience.

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The ability to carry out routine gene editing, not GMOs, of agriculturally important organisms will allow for precise and rapid improvement of traits important for productivity and quality.

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Progress, the report states, is only able to occur when the scientific community begins to more methodically integrate science, technology, human behavior, economics, policy, and regulations into biophysical and empirical models. Enticing and enabling researchers from different disciplines to work effectively together on food and ag issues is the objective, but this will require incentives in support of the collaboration.

Original Video: [A Plan To Advance Agriculture And Our Food Supply](#)