

Video: Genetically improving sorghum for biofuels

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Sorghum. Credit: Public Domain

Bioscientist Anne Villacastin is using genetics to supercharge the growing power of sorghum, a cereal plant that humans have been cultivating for millennia. By adding genes from wheat, Villacastin and

her colleagues at the Joint BioEnergy Institute are making sorghum strains that grow tall and robust with very little water, so farmers can produce large quantities of the crop at low cost and low environmental impact.

In the near future, this sorghum could bolster global food supplies and serve as a [carbon source](#) for the production of affordable biofuels, which can help mitigate fossil-fuel driven [climate change](#).

Provided by Lawrence Berkeley National Laboratory

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