

Successful production of Eco-Eco rice reduces climate change

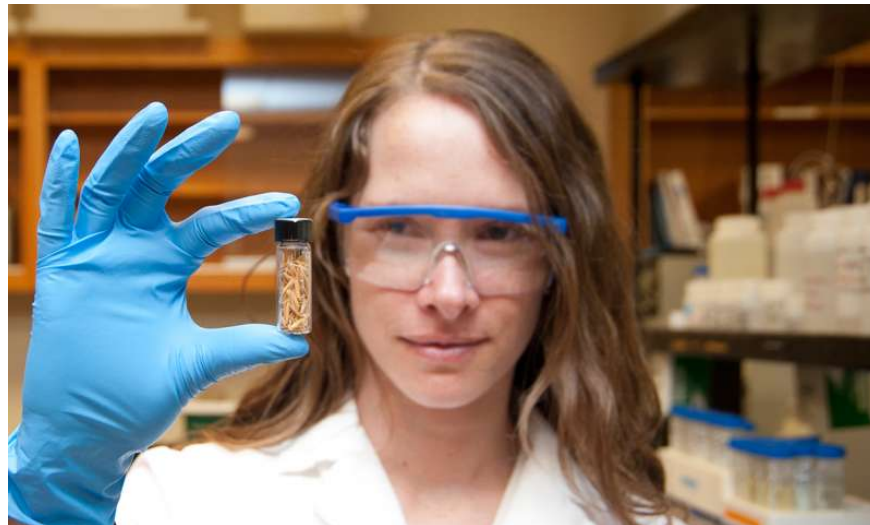
Scientists have produced a new eco-friendly rice variety called Eco rice. In the process of cultivation and development, this rice variety emits methane greenhouse gas emissions with a rate of 0%.

Scientists from the Department of Energy's Pacific Northwest National Laboratory's Department of Energy Laboratory led by scientist Christer Jansson have produced a new eco-friendly rice variety. The environment is called Eco rice.

In the process of cultivation and development, this rice variety emits methane greenhouse gas emissions with a rate of 0%. This is a good news for global agriculture.

Scientists in the laboratory have developed that the ECO rice variety emits a greenhouse gas emission rate of 0% in its growing life cycle, including methane and CO₂.

Global production of rice is a huge source of methane emissions in the atmosphere at a rate of 8 to 15%, which is relatively low - but the effects of methane on the effect Global greenhouses are 20 times stronger than other greenhouse gases.



Eco Eco Rice: opens a new era for modern agriculture.

Image source: Swedish University of Agricultural Sciences

Accordingly, Eco rice carries a new barley gene that has been integrated by scientists with carbon metabolism in rice. In it, the *methane gas* produced by bacteria on rice stalks and rice roots will be absorbed by this carbon system and chemically converted into *purebred carbon* to help Eco rice breathe and grow strongly.

'This is a great victory, a great success on the new ecological rice category,' - Jansson, Director of the Department of Molecular Environmental Plants DOE, said in a press release.



"The reduction of methane emissions in the life cycle, the development of Eco rice will help reduce global climate change, in which, rice thrives, increases productivity, it is a dual use. It's really surprising and encouraging '.

Scientists around the world have been studying to find rice varieties that can adapt to climate change, but this work is the first to go against, instead of adapting, they create a New ecological rice varieties limit global climate change. It was a great building.

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