

FEATURE - Roboterente macht den Reisanbau umweltfreundlicher



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Caption

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Duck 1

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See Ferrari text

Picture must credit: Nissan

A robot duck to help farmers reduce the use of herbicide and pesticide on their rice crops has been unveiled by Japanese car maker Nissan. One of the company's engineers built the compact robot to mimic the natural use by rice growers, of ducks that paddle around in flooded paddy fields, tear up weeds and snack on insects. The bird's manure acts as additional fertilizer. The robot, named Aigamo, takes its name from the breed of duck used in the modern version of this ancient practice. It weighs 1.5 kilograms and is about the size of a large robot vacuum cleaner. Two rotating rubber brushes on its underside take the place of a duck's feet, which oxygenate the water by stirring it up and preventing weeds from taking root.

OPS: The Aigamo robot duck at work in a paddy field.

Picture supplied by Ferrari (FOTO: DUKAS/FERRARI PRESS)

Special instructions

(c) Dukas

City

Tokyo

Credit

DUKAS

Source

FERRARI PRESS

Author

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Original references