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Title: Raising sheep and weeding under photovoltaic panels

Generated on: 2026-04-18 12:20:40

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Can solar panels help farmers grow 'solar sheep'?

The just-published study with lambs and solar panels was carried out in 2019 and 2020 at Oregon State's campus in Corvallis. (Oregon State University) Raising "solar sheep" under solar panels offers a lucrative and sustainable opportunity for farmers, according to a study led by Western University.

Are solar sheep profitable?

Far more profitable are "solar" sheep, raised specifically to trim grass and weeds under traditional solar panels or agrivoltaic arrays. Agrivoltaics is a portmanteau for agriculture and photovoltaics, more commonly known as solar panels, and describes the simultaneous use of farmland for agriculture and solar energy production.

Are solar panels a viable alternative to sheep production?

"The strategic partnership between sheep production and solar farms is certainly one of the most fantastic alternatives for the growth of both the sheep industry and for clean electricity production through solar panels," said Lara, who studied animal science at Universidade de São Paulo in Brazil.

Are agrivoltaic sheep a good idea?

"Agrivoltaic sheep are a simple and easy solution for the co-existence of agriculture and solar energy on Canadian farms. The sheep like the shade, plus the solar panels increase grass yield and protect sheep from predators," said Pearce, Western's John M. Thompson Chair in Innovation.

Picture this: a flock of 1,700 merino sheep wandering lazily between neat rows of gleaming solar panels under the Australian sun. It sounds like the setup...

Raising "solar sheep" under solar panels offers a lucrative and sustainable opportunity for farmers, according to a study led by Western University. These sheep naturally graze under ...

While herding sheep is an age-old adage for leadership, breeding and raising sheep is where the money is, according to a new study led by Western researchers. But not just any sheep. ...

As utility-scale solar energy installations expand across diverse regions of the U.S., the need for effective and sustainable vegetation management has become increasingly critical. ...

Raising sheep and weeding under photovoltaic panels

Sheep grazing under solar panels at farms in NSW's Central West have produced better wool and more of it in four years since the projects began, according to growers.

Under these agreements, nearly 100,000 mu, or roughly 66 square kilometers, of company-owned pastureland is now accessible to local herders. The prefecture has established 32 ...

But not just any sheep. Far more profitable are "solar" sheep, raised specifically to trim grass and weeds under traditional solar panels or agrivoltaic arrays. Agrivoltaics is a portmanteau for ...

The importance of solar grazing Benefits of the union of sheep and solar panels According to Tony Inder, a farmer from New South Wales (Australia), sheep grazing under solar ...

At the same time, solar panels naturally provide shelter and shade for the solar sheep. The reason for choosing sheep to eat grass is that sheep can always fit nicely under ground-mounted ...

Agricultural voltaic systems that combine solar energy and agriculture are attracting attention with the sheep grazing model. According to research, the business model of grazing sheep ...

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