

# Can I put sheep manure under the photovoltaic panels



## Overview

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Sheep are small and nimble and can graze under the panels, even those that are low to the ground, and reduce the need for motorized mowing. Using sheep to graze vegetation at solar farms is gaining popularity. It preserves agricultural land, reduces costs and benefits both farmers and energy companies. Kade and Morgan Hodges Innovative. The American Solar Grazing Association estimates that about 80,000 sheep currently graze on more than 40,000 hectares of 500 solar panel sites in 27 states in the United States, a figure that has increased tenfold in just two years. While the United States announces this new era in agriculture. In a groundbreaking study that combines renewable energy with traditional farming practices, researchers have observed remarkable changes in 1,700 sheep grazing amidst solar panels. This innovative approach, known as agrivoltaics, is revolutionizing how we think about land use while yielding. Any solar array that has grass under it has to have the grass cut.

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### Why Sheep Grazing Under Solar Panels Is the Sustainability Hack

There are design adjustments to make, such as mounting panels high enough for sheep to walk underneath or employing rotating panels to coordinate sun and shade for crops.

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### Sheep Grazing Under Solar Panels: Dual Land Use , Education

On solar farms, sheep graze beneath and around the panels, naturally managing vegetation without the need for mowing or chemicals. This approach keeps the land agriculturally ...

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### Raising livestock and crops under solar panels , UMN Extension

If you graze sheep or cattle and need more land, you could enter into a grazing contract with the owner of a solar energy site. Grazing under solar panels can increase your pasture acres without buying or ...

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## Solar shepherding: the surprising union between sheep and ...

Solar grazing consists of placing grazing animals, such as sheep, in the same field as a solar installation. Although sheep are the most common animals, other types of livestock are also ...



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## Solar grazing: Sheep manage vegetation at solar farms, boost ...

Sheep are small and nimble and can graze under the panels, even those that are low to the ground, and reduce the need for motorized mowing. In turn, the panels provide shade and ...

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## Solar Grazing: How Sheep Are Changing the Face of Renewable ...

Sheep are just right: They're small enough to move under and around panels safely. They tend to graze calmly and consistently making them the perfect partner for long term vegetation control.

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## Grazing Sheep Beneath Solar



## Panels Benefits Sheep and Farmers

First off, a solar array should be designed specifically for sheep to graze under the panels, if that is what is wanted. If the array is designed without consideration for the sheep, it will ...

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## Sheep & Solar: A "Beautiful Symbiotic Relationship"

Sheep are the most appropriate ruminant species when it comes to vegetation management on solar farms because they are too small to damage the panels when rubbing against ...

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## What to do if there is sheep manure hidden under the ...

Questions that emerge in discussion about grazing sheep under solar panels include what class of animal will work best, how does lambing fit in, and what forage species

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## 1,700 sheep installed between solar panels, a surprising change

Sheep grazing between solar arrays

showed no negative health impacts. Instead, researchers documented enhanced wool quality with increased fiber strength and growth rates.

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