



Farmers clean their own photovoltaic panels

Are solar panels a good fit for your farm?

Solar panels can increase your operation's profitability. One government grant program for solar panels on farms is called the Rural Energy for America Program (REAP). Why solar energy may be a good fit for your farmers and ranchers Tips and funding opportunities for solar projects on your farm

Should farmers build solar panels on agricultural land?

But thanks to years of research, farmers and developers have learned to coordinate their efforts to benefit both parties. It may involve building solar panel arrays about 8 feet off the ground to allow space for crop growth and farm equipment. As of the end of 2022, less than 2% of solar energy projects are on agricultural land.

Should agrivoltaic planners put solar over a farm?

Or farm first, and put solar over it?" If farming is the main priority, she says, then the solar panels may need to be spaced farther apart and possibly be raised higher. Such changes could potentially limit how much electricity those farm fields generate. And agrivoltaic planners may need to treat the soil, Macknick says.

Can solar panels be used on farms?

Installing solar panels on farms helps solve another major problem: finding the space to collect enough sunlight to produce a bounty of electricity. Farmers can help by sharing their land, says Jordan Macknick. An environmental scientist, he works at the National Renewable Energy Laboratory, or NREL. It's in Golden, Colo.

Can agrivoltaics help farmers and ranchers?

It doesn't have to be this way. Agrivoltaics is a type of solar farming practice that farmers and ranchers could get involved in. Through agrivoltaics, they can peacefully coexist with thousands or hundreds of thousands of solar panels generating electricity on their land while continuing to grow food and/or raise livestock.

Can solar grazing help farmers feed their flocks?

A herd of sheep move between rows of photovoltaic panels at the Azure Sky solar project in Haskell County, Tex. Solar grazing helps farmers feed their flocks while the expanding solar industry provides more clean energy to the grid.



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