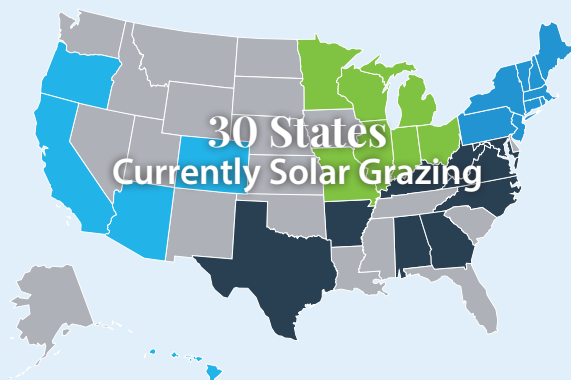


Landscape of Solar Grazing in the United States

Results from the first U.S. Solar Grazing Census:



129,260.75 ACRES

113,050 SHEEP

506 SOLAR SITES

MIDWEST	NORTHEAST	SOUTH	WEST
6,852 ACRES	4,600.5 ACRES	87,080 ACRES	30,728.25 ACRES
13,254 SHEEP	13,274 SHEEP	61,981 SHEEP	24,541 SHEEP
148 SITES	145 SITES	109 SITES	104 SITES

Why did you begin solar grazing?

Respondents were motivated by the **financial & environmental benefits** of solar grazing to join the movement.

Learn more about the Census results at:
<https://solargrazing.org/census/>



About ASGA

ASGA brings together a powerful community of farmers, solar developers, researchers, and innovators who are building the future of sheep farming and solar energy.

ASGA Membership

Are you interested in becoming a solar grazer or getting involved in the industry? Join our exclusive members network to access key solar grazing resources and connect with others in the agrivoltaics world. solargrazing.org/join/

Learn more about solar grazing on our website:



solargrazing.org



SOLAR GRAZING

A New Vision for Farming & Energy in America



The American Solar Grazing Association:
A farmer-founded and farmer-led organization
that supports and promotes solar grazing.

About ASGA

The American Solar Grazing Association is the first farmer-focused agrivoltaics organization in the United States, and the strongest and largest one globally. We are growing fast with over:

1000+ members in 45 states

Our purpose:

Supporting farmers to become thriving solar graziers

- Live virtual educational events, peer-to-peer mentoring, and 1:1 support sessions

Developing solar grazing training programs and resources

- Farmer training through our *Certification for Solar Grazing Training Program*

Documenting and establishing the best practices for solar grazing

- 5+ years of educational recordings on every aspect of solar grazing

Promoting and growing solar grazing throughout the U.S.

- Exclusive membership network with solar grazing map to connect farmers and solar developers



How It Works

Solar grazing is an innovative way to combine farming with solar energy production. Solar companies contract with local sheep farmers who bring their sheep to the solar site to manage vegetation or “graze” under the panels. When left unchecked, vegetation can grow above the solar panels, shading them and preventing the solar array from generating energy. Unchecked vegetation can also present fire risk. Sheep are perfectly suited for solar sites because of their size and grazing behaviors. Sheep enjoy eating many types of weeds and invasive species, and are good at grazing underneath the panels where it is more labor intensive to mechanically mow.

By having sheep eat vegetation, sheep ranchers can ensure the solar site keeps producing energy while raising livestock under the panels. It's a big win-win for farmers and solar companies.



The Benefits of Solar Grazing

“There’s so much opportunity here.” – Daniel Dotterer, solar grazier and farmer

AGRICULTURE

- Solar grazing **keeps farmland** in farm production
- Solar grazing allows farmers to create **new income** streams by managing vegetation on solar sites while producing agriculture at the same time
- Solar grazing provides **access to land** for farmers in areas where farmland is unaffordable

SOLAR COMPANIES

- Sheep grazing provides **better vegetation management** and performance than mowing while reducing costs
- Graziers are the face of solar projects to communities during permitting/operations and **engage farming communities**
- Farmers **benefit operations** by being your eyes & ears on sites

LAND/ENVIRONMENT

- Grazing sheep for vegetation management under solar panels **reduces emissions** from mowing
- Grazing sheep can help restore and improve the **soil health** and **carbon sequestration**

“We need agriculturalists involved in the solar industry and sheep are custom made to graze under these panels.”
– Ryan Indart, rancher and solar grazier

