

Agrivoltaics

Dual use of combining solar panels & agriculture on the same land

CROP PRODUCTION



GRAZING



POLLINATORS





Agrivoltaics benefits solar & agriculture

- Diversified Revenue
 - Farmers can add clean energy production to their core activities
- Reduced Water Use
 - The shade from the solar panels helps plants & soil retain moisture
- Reduced land use competition
 - Agrivoltaics can help balance food production & renewable energy goals
- Ecological Benefits
 - Agrivoltaics can help reduce a farms carbon footprint
- Energy Resilience
 - Agrivoltaics can help farmers become more energy resilient

Agrivoltaics Options

There are several ways to design an agrivoltaic system including, but not limited to

- Interleaved arrays & crops
- arrays elevated above crops or livestock
- arrays on greenhouses

Conclusion

A successful agrivoltaic project requires collaboration between the farmer or land manager and solar developer.