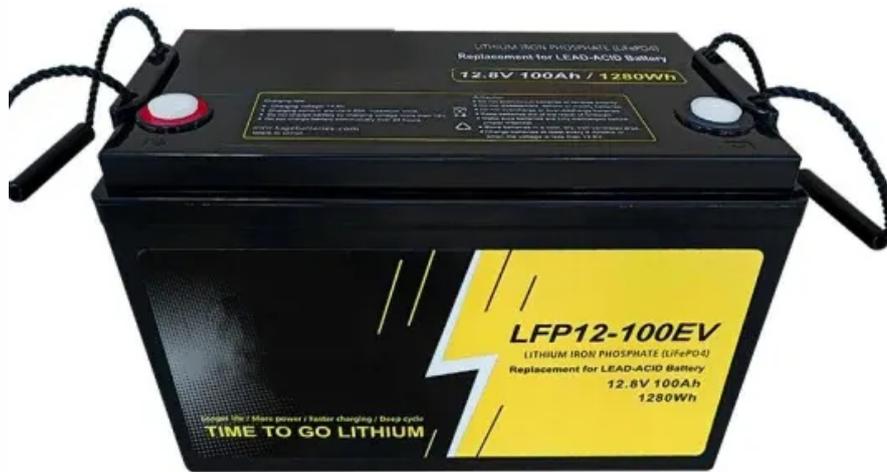


# Growing blueberries under photovoltaic panels



## Overview

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In Rockport, Maine, a unique experiment is underway to explore the possibility of generating solar power and blueberries simultaneously. This innovative approach involves growing crops under or between rows of solar panels, known as dual-use agrivoltaics. With dual-use agrivoltaics, crops are grown under or between the rows of solar panels, as shown here in Rockport, with the aim of generating renewable energy. Maine's wild blueberries are a unique crop that can't be planted from seed, explains lifelong blueberry farmer Paul Sweetland. But. Scott Lukas, the lead berry researcher at OSU, has a blueberry test plot at the North Willamette Research and Extension Center has planted two rows of blueberries. One within the array and one outside the array. Wild blueberry plants recovered well from all solar installation treatments. They pack a burst of sweetness into a tiny purple package. While this project has shown mixed results.

## Growing blueberries under photovoltaic panels

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### Farm: Harness solar power and grow blueberries simultaneously.

In Rockport, Maine, a unique experiment is underway to explore the possibility of generating solar power and blueberries simultaneously. This innovative approach involves growing ...

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### Maine farm works to generate solar power and blueberries at once

With dual-use agrivoltaics, crops are grown under or between the rows of solar panels, as shown here in Rockport, with the aim of generating renewable energy without removing farmland ...



### Can agrivoltaics integrate with blueberry production?

This variety is being planted widely by blueberry growers thanks to its large berry size, high yields, excellent flavor, and mid- to late-season ripening time. The spacing of the solar array allows for ...

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### Bulletin #2095, Considerations for

## Solar on Wild Blueberry Land in

It is important to consider the spacing between solar panel rows when installing solar over an agricultural crop if dual use is the goal. Growing plants under solar panels may shade them excessively and ...



## Maine farmer pairs solar panels with wild blueberries. Will the effort

Blueberry plants have rebounded well from mounting solar panels in patches but are producing fewer berries, a University of Maine study is finding.

## Can a Farm Generate Solar Power and Blueberries at Once?

Shade from the solar panels is significantly reducing blueberry yield. Bushes planted in shaded portions underneath solar panels produced just 9 percent of the blueberries compared to ...



## Mixing solar power and agriculture: A blueberry farm... , Canary Media

A farmer in Maine has teamed up with a solar developer and university researchers to find out how his berries

fare when partially shaded by solar panels.



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### Maine farm works to generate solar power and ...

With dual-use agrivoltaics, crops are grown under or ...



### Bulletin #2095, Considerations for Solar on Wild ...

It is important to consider the spacing between solar panel ...

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### Blueberry Farm Tests Solar-Agriculture Integration

The University of Maine is studying how mounting solar panels in wild blueberry patches will affect income and production. The plants rebounded well

from construction but so far show signs of ...



### **Agrivoltaics for berries - pv magazine International**

Scientists in the Netherlands conducted meta-analysis on the growth of strawberries, blueberries, blackberries and blackcurrants under different levels of shade generated by elevated

### **Blueberry Farm Tests Solar-Agriculture Integration**

Shade from the solar panels is significantly reducing blueberry yield. Bushes planted in shaded portions underneath solar panels produced just 9 percent of the blueberries ...



### **With tech, farms can double up to produce both food and power**

Under and around these panels are sprawling fields of the low, dense blueberry bushes. Lily Calderwood knows more about wild blueberries than almost

anyone. "They're a good ground ...



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