

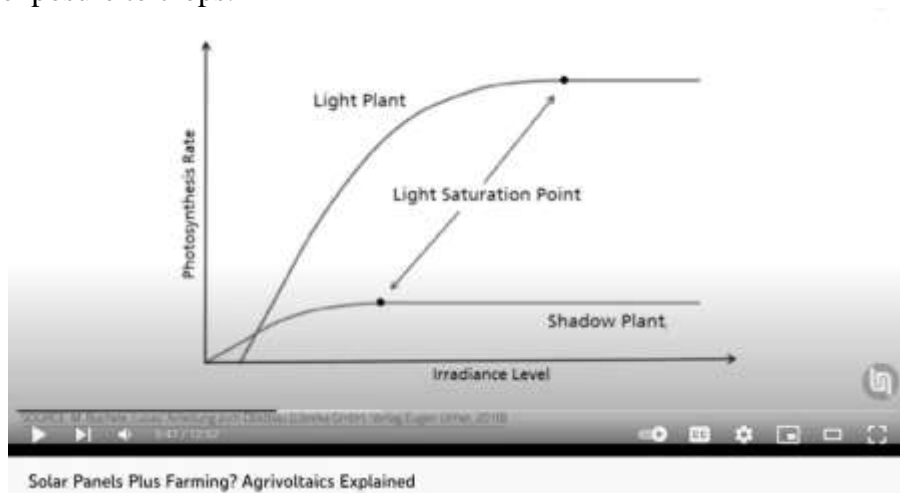
Town of Pendleton
Conservation Advisory Council

Meeting Agenda
Thursday, May 12, 2022 at 6:30 pm

I Approve Minutes from April 2022

II Council Discussion

Discussed “Undecided with Matter Ferrell” video on how to use solar voltaic panels alongside agricultural practices and potential benefits to plants and community alike. Modified practices include turning panels perpendicular to the soil, minimizing area taken-up, spacing for farm machinery to operate safely through rows. These also serve as windbreaks for crops, further reducing water loss. Other options are to place the panels parallel with the ground, but elevated on pylons above operating machinery. Benefits are based on the light saturation point (below), which limits how much light a plant can uptake while undergoing photosynthesis, hitting the threshold triggers heat stress and leads to increased rates of water loss. Shading/light scattering effects are mitigated by the reduced heat exposure to crops.



Source: <https://www.youtube.com/watch?v=lgZBID-TCFE> \

III Board Member Updates

Solar Series Collection Articles published in Lockport Union Sun and Journal

IV Correspondence

None

V New Business

Farm & Home days plans

Article for summer newsletter should feature the mushroom demonstration. Trial run in early August to allow for hyphae to permeate logs during the warming months and practice before Farm & Home days.

VI Adjournment

End at 7:42