

Why to use Vertical Solar Fence Panels in Agriculture Operations?

There are many benefits for farmers, growers and ranchers to install Vertical Solar Fence Panels to solve many common problems and enhance crop yield and quality.

NO loss of valuable farmland by using Vertical Solar Fence Panels

Vertical Solar Fence Panels reduce windspeed, modify the microclimate and affect plant growth

Windbreaks

Vertical Solar Fences

- are better at dispersing snow and wind-driven rains evenly across fields.
- increase the efficiency of overhead irrigation by reducing wind speed and keeping sprayed water only on the targeted areas.
- more effective in reducing wind erosion of light-textured soils.
- reducing moisture stress, caused by a combination of wind, high temperatures and low humidity, which is immediately apparent in many crops such as vegetables and other shallow-rooted herbaceous crops
- especially valuable in orchards and vineyards of high-value horticultural crops
- protect animals in pastures and feedlots from adverse weather
- enhance carbon sink and carbon sequestration. Vertical Solar Fences slow down the ground winds and prevent crop residues being blown off the fields

Vertical Solar Fence windbreaks around farm dwellings and rural communities improve quality of life for the inhabitants by reducing wind speed along with noise and dust.

Enhanced crop yield and quality

Vertical Solar Fences

- ✓ enhance crop yield and quality through improved microclimate modification with lower soil moisture losses
- ✓ reduce convectional heat losses from the soil, thus providing a warmer environment for early growth; help make more moisture available for crops
- ✓ enhance quality of leafy vegetables, fruits, flower crops, bedding plants, and other high value crops, by reducing frictional marks from high-speed wind

Space between the Vertical Solar Fence Panel rows can be adjusted to the farm equipment used for any type of crop or acreage.