



harvest  
solar



## MIDWEST GRASS & FORAGE

### FAMILY-OWNED SEED SUPPLIER MACOMB, IL | CASE STUDY

Midwest Grass & Forage has successfully implemented a 13.43kW ground-mounted solar array. This initiative has resulted in \$1,534 of annual cost savings.

## AT A GLANCE

### CHALLENGES

- Upfront Investment
- Seasonal Energy Demands
- Grid Interconnection
- Weather Dependency

### BENEFITS

- Incentives & Tax Credits
- Significant Cost Savings
- Energy Independence
- Efficient Land Use
- Long-Term Reliability

*"Our experience with Harvest Solar has been very positive. We saw savings on the first electric bill once the system went live and continue to enjoy much smaller electric bills!"*

**LAURA LANT**

**CRAIG & DONNA LANT**

**Owners of Midwest Grass & Forage**



**Scan the QR Code  
to learn more  
about Midwest  
Grass & Forage's  
Solar Success  
Story!**

## OBJECTIVES

Founded in 2015, this family-owned and operated seed supplier has been proudly serving Midwest growers with top-quality products. Their independence allows them to handpick the best seeds to meet their customers' unique needs. Now, by choosing solar energy, they're not just independent in their field—they're energy independent too, taking control of their power just as they do with their business. Their commitment to clear goals ensures they continue delivering excellence to their customers while embracing sustainable energy solutions.

## SOLUTIONS

Midwest Grass & Forage's commitment to clear goals and industry expertise led them to pursue energy independence through solar power. Recognizing the importance of sustainability for their business and the communities they serve, they partnered with Harvest Solar to design a 13.43kW ground-mounted system tailored to their energy needs and long-term goals. With solar energy powering their growth, they continue to deliver high-quality products across the Midwest, supporting local farmers and showcasing how agriculture can lead the way in energy independence. Their choice to go solar reflects a commitment to sustainability that benefits both their operations and the communities that depend on them.

## FAST FORWARD

### Estimated kWh Generation

This solar array has a nameplate capacity of 13.43kWdc and is estimated to generate approximately 19,160kWh per year.

### Estimated Savings

The projected savings on utility bills over 30 years from this solar array amount to \$72,022.

### Estimated CO2 Offset

The solar array's estimated CO2 offset is equal to the emissions from burning 332,640 pounds of coal.

### Estimated Tax Incentives, Rebates, etc.

Midwest Grass & Forage has factored in a 26% Federal Investment Tax Credit and additional incentives from the Illinois Shines Program for this project to reduce the ROI to 2.8 years.

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