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THE NEWSLETTER FOR THE MICHIGAN AG INDUSTRY

THE PROOF IS IN THE PUDDING

The original proverb is actually “The proof of the pudding is in the eating.” This is our favorite time of year at Michigan Valley as our customers get to see the proof of their irrigation systems on the yield monitors. Even the places with almost optimal rain this summer were too dry to germinate this spring. Firsthand accounts have reported an increase of 80 bushel to over 200 bushel difference in irrigated corn, and 30 to 40 bushel increase on soy beans over dry land. Regardless of the crop and yield differences, it is clear that to optimize outputs we must control inputs. There is no better way to control nutrient application, fungicide application, and water like a Valley center pivot.

We wish everyone a safe and bountiful harvest this fall.

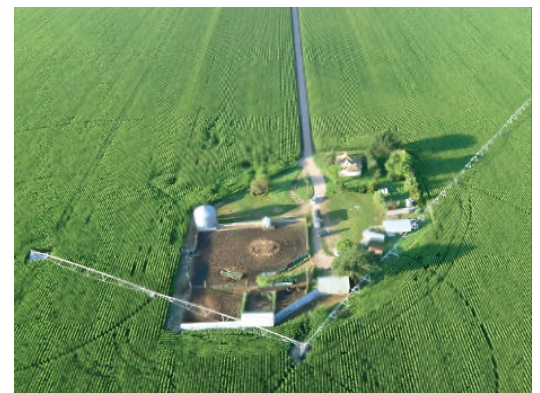
JOHN M. MCGEE
PRESIDENT

WHAT IRRIGATION OPTIONS EXIST TO MAXIMIZE MY FARM POTENTIAL? *Leveraging Your Infrastructure Investment*

The best place to start is if you have some existing irrigation infrastructure like water and power supplies with additional capacity. Unused infrastructure capacity can be tapped to water proximal fields, lowering your cost per acre.

Existing pivots can be configured to cover more acres:

- Adding a corner arm to clean up dry corners
- Adding a bender if an obstacle exists that some distant pivot spans can bend around
- Utilizing a drop span to continue some close-up towers past an obstacle



- Improving coverage past the end of overhang with additional end guns or increased booster pump throw
- Adding a high pro tower or two to run your pivot into challenging terrain
- Remove trees, add bridges, or excavate dirt to increase acres covered by existing pivots by adding length or completing more of the designed circle

Consider Non-Pivot options:

- Install some fixed guns to cover dry areas using existing pivot infrastructure
- Purchase a hard hose traveler for smaller and odd shaped fields near water supplies
- Install some drip lines or solid set installations to utilize extra capacity for new crops or with a neighboring farm



If you do not have existing infrastructure and do not have large square (or better yet round) fields with an adjacent surface water source and nearby grid access, options still exist.

Towable pivots and used travelers can be economical options to venture into irrigation. Higher value crops can make it easier to cash flow an investment. Crops

that have a high demand for water will often provide a greater response to watering. Lighter soils will also generally provide a greater yield increase. Every farm is different so do not be fooled to think that irrigation is not for you just because neighbors have not invested in developing irrigated acres. If you have questions, contact an established irrigation dealer with a solid track record and the resources to design, install and service the equipment and infrastructure you will need to develop your farm. A great place to start is MVI.FARM.

ANDY STROOP
SALES

CENTER PIVOT IRRIGATION

A Risk Management Tool!

From the day you start planning for a crop, you make decisions to increase the opportunity to have a successful crop with a strong probability it will create more revenue than expense ... profit!

Let's take a quick look at some risk management tools you are probably already using in your crop production efforts.

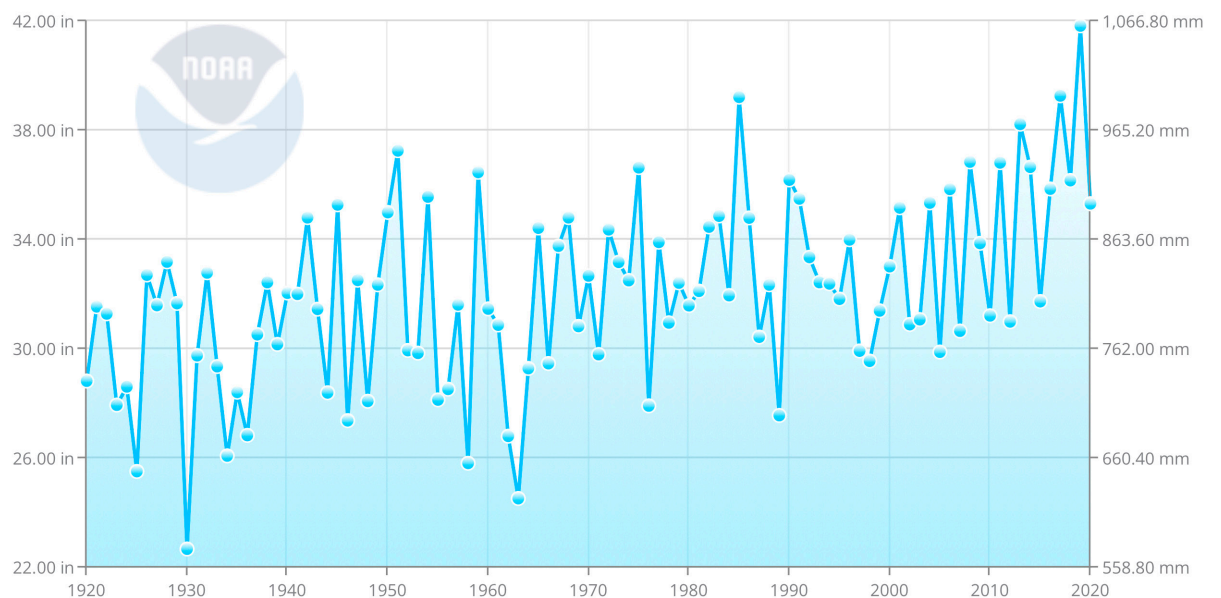
- Soil Testing for pH and Nutrient needs
- Seed Selection for Climate and Soil type



- Seed Bed Preparation, Seed Placement, Population
- Crop Protection – Weeds, Insects, Diseases
- Nutrient Application and Timing
- Storage and Contracting for Market Timing/ Price Optimization
- Drying and / or Processing Equipment to Optimize Value
- Crop Insurance Protection for Disasters



Michigan Precipitation
January–December



What about water?

The single most important input for any living thing. Without adequate water your efforts will be drastically compromised to grow a crop for a profit. Michigan is generally considered a supplemental irrigation state. The challenge is timing. Each plant has some very critical times when moisture is especially important. Can we afford to hope rain comes when we need it? While crop insurance can provide some relief, especially when a disaster occurs, it does not generally compensate for yields above the break-even point (desired profit).

Have you considered options for at least some of your fields to manage water delivery to your crops. History has shown that in the next two years, nearly 50% of Michigan's crops will experience stress from lack of moisture (see above chart for reference). **Are you ready?**

PETE PHILLIPS
MARKETING

Michigan Valley Irrigation

2071 E. Main Street

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MVI
Newsletter
Fall
Edition
2021



As watering season winds down, note machines that need attention and **sign them up!**

2021 MVI PIVOT
Preventative Maintenance Program!

Our Comprehensive Preventative Maintenance package comes with a **20% - 365 day discount**

on all parts and labor for any machine enrolled in the service!

Early sign up by **11/1/2021** will get **10% off**. Final sign up by **12/1/2021**.

For complete details visit
www.mvi.farm/promotions



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