



Electric Pivot Systems

How much production are you losing?

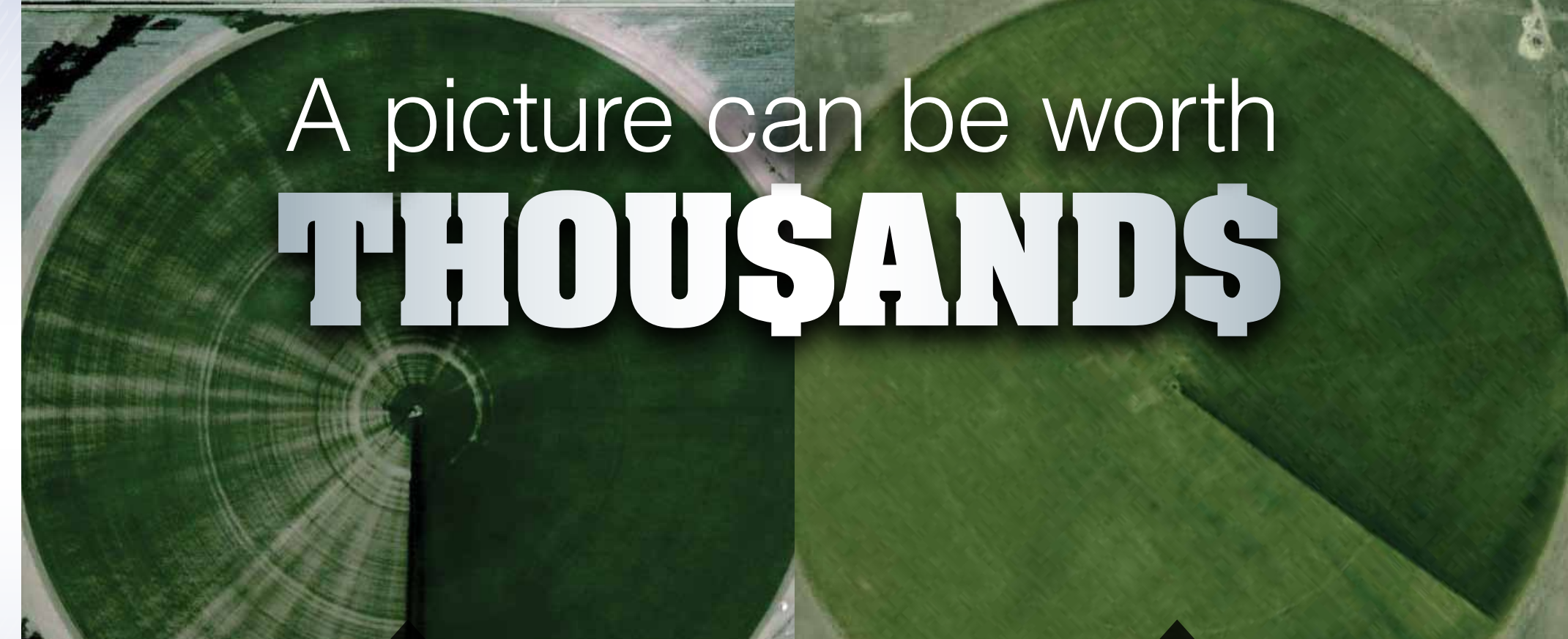


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A picture can be worth
THOUSANDS

Electric Center Pivot



SPOKING



Previously Watered

Recently Watered

Electric Pivot System

Are you seeing a pattern here? We are.



Electric Pivot System



T-L Pivot System

Recover your lost production.

Notice the non-uniform water application of the center pivot circles shown. This is known as "spoking," which results from the start-stop operation of an electric drive pivot system. An electric pivot starts and stops 2,880 times a day at the end tower alone. Michigan State University field research (Fusco, 1995) verified the significant effect of "spoking" and found application uniformity ranged from 15% to 85% on a leading manufacturer's electric drive pivot. Call up Google Earth Maps on your computer and see for yourself.

Common sense would say the consequence of "spoking" is lost crop production and that production losses can be even greater if the system is being used for chemigation. Your investment in irrigation is significant, and is intended to maximize your economic return from your crop. However, the intermittent motion of an electrically powered pivot system can detract from your return, sometimes significantly.

History has shown that the start-stop motion is also detrimental to component life, increases mechanical problems, creates more expense, causes downtime, and generally makes irrigating miserable. Many growers have experienced these problems.

T-L Irrigation Co.

Proven Technology **THAT WORKS.**



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"Proven Technology – THAT WORKS!"

Only T-L irrigation systems are hydrostatically powered. The same simple and reliable power design you know and work with every day. And there is more:

- Smooth, continuous system movement at any speed.
- Precise rotation times at any temperature.
- High speed rotation for frost control and uniform chemical application.
- Exclusive option of planetary gearboxes with an 8-year, 24,000 hour gearbox warranty unavailable from any other manufacturer.
- Specially formulated, environmentally friendly HydroClear fluid that assures life-long hydraulic component performance.
- High-efficiency, variable-displacement hydraulic pump that uses only needed power and can be used with single or 3-phase electricity.

Safety, high maintenance costs, and unexpected downtime will no longer be major concerns. Let T-L and T-L dealers give you lasting value and decades of reliability. T-L irrigation systems are "Easier on You – For a Lifetime."

Contact your T-L dealer, call us at 1-800-330-4264, or visit our website at www.tlirr.com.

