

Valley® Certified Preventative Maintenance Programs for all Your Center Pivots.

Bronze Program ★

Pivot Point / Incoming Power Checks:

- ✓ Grease pivot swivel
- ✓ Drain pivot and spans
- ✓ Anchor bolts or chains
- ✓ Pivot point nuts and bolts for proper tightness
- ✓ Air pressure in towable pivot tires

Spans / Alignment Checks:

- ✓ Span pipe drains inspected / seals flipped over
- ✓ Pull sand trap, drain, clean and re-install
- ✓ Drain booster pump
- ✓ Grounding between towers

Drive Unit Checks:

- ✓ Check oil and drain water in wheel and centerdrive gearboxes
- ✓ Check gearbox ventilation hole in expansion chamber
- ✓ Inspect drive shaft shield placement
- ✓ Tire air pressure
- ✓ Grease towable hubs
- ✓ Inspect wheel gearbox input & output seals
- ✓ Proper tightness of gearbox mounting bolts

Call Today!

**LANDMARK
IRRIGATION INC.**

30995 Old Hwy 61
Taylor, MO 63471
888-535-9155

Silver Program ★★

Includes ALL Bronze Program checks Plus:

Pivot Point / Incoming Power Checks:

- ✓ Collector ring electrical connections & drainage
- ✓ Running light operation check
- ✓ Inspect for ground rod at each tow location
- ✓ Visual inspection for proper equipment grounding
- ✓ Electrical connections: control panel & cord connectors
- ✓ Proper size fuses
- ✓ Relays are securely seated in socket bases

Spans / Alignment Checks:

- ✓ Check safety shutdown
- ✓ Inspect tower box for any loose wire connections & cord connectors
- ✓ Visual inspection of nuts/bolts and structural members
- ✓ Control arm is clear of obstacles
- ✓ Visually inspect tower box contactors
- ✓ Inspect tower box covers for damage & proper latching

Drive Unit Checks:

- ✓ Visually inspect gear motor seals
- ✓ Motor lead cable condition & properly secured
- ✓ Inspect all span ball and socket joints
- ✓ Proper tightness of wheel lug nuts
- ✓ Inspect U-Joints
- ✓ Flex joint boot condition and tighten bands as required
- ✓ Gearbox output shaft bearings & back lash

Gold Program ★★★

*Includes ALL Bronze Program checks and
Silver Program checks and the following:*

Pivot Point / Incoming Power Checks:

- ✓ Proper installation of incoming power wires
- ✓ Proper operation of auxiliary contacts on main disconnect
- ✓ Operation of pump shutdown circuit
- ✓ Cables are securely seated in connectors
- ✓ Visually check pivot contactors for arcing
- ✓ Placement of screens / shields on generator, pump panel and electric pump motors
- ✓ Inspect collector ring brushes
- ✓ Inspect condition of pivot riser pipe gasket seal
- ✓ Generator belts for proper tension

Spans / Alignment Checks:

- ✓ Power cable condition
- ✓ Tower box bearings for proper cam movement
- ✓ Proper safety micro switch position
- ✓ Overhang cable inspection
- ✓ Visually check and re-align the machine if needed

Drive Unit Checks:

- ✓ Inspect towable basebeams for structural integrity
- ✓ Check towable hubs for wear
- ✓ End-of-field stop/autoreverse proper cam adjustments
- ✓ Inspect connections in centerdrive junction box and drain holes

If needed, we will provide
a quotation for parts and
service recommended.