



ICDC

Irrigation Crop Diversification Corporation

Irrigation Pivot Annual Service



Introduction:

The climate in Saskatchewan through the winter is not particularly favorable to some of the materials of the irrigation machinery and it is important to check, replace, and repair to insure the full life of the machine as well as avoid costly breakdowns through the course of the growing season. There are several components that need to be checked and maintained before the irrigation system is ready for the growing season ahead. Remember when servicing your pivot prior, during, or after the season **ALWAYS** Lock Out-Tag Out the electrical source so everyone is aware the machine is under service.

Procedure:

1. **Lock Out-Tag Out electrical source**
2. Pivot Point
 - a. Copper Ground Cable Connected
 - b. Grease
 - c. Visually inspect:
 - i. Loose wires
 - ii. Cracks
 - iii. Structural damage, etc.
3. Spans:
 - a. Visually inspect:
 - i. Cracks
 - ii. Structural damage
 - iii. Drop nozzles/ sprinklers
4. Towers:
 - a. Gear Boxes and Center Drives
 - i. Inspect for leaks
 - ii. Remove bung and check oil level
 - b. Drive lines
 - i. Inspect for damage
 - ii. Inspect couplers
 - iii. Inspect electric motor and wiring
 - c. Wheels
 - i. Test tire pressure
 - ii. Torque wheel nuts
 - iii. Inspect tires for cracks and wear
5. End Gun
 - a. Visual Inspection
 - i. Booster Pump
 - ii. Solenoid

*Extra record keeping pages available at <http://irrigationsaskatchewan.com/ICDC>

Legal Land Location: _____

Date: _____

Lock Out-Tag Out Electricity

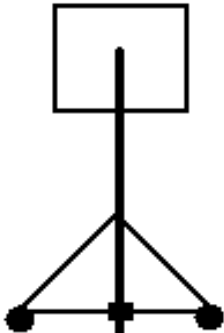






Pivot Point:

Copper Ground Greased

Inspected

End Gun:

Inspected

<u>Gear Box & Center Drive Oil</u>	<u>Wheel Nuts</u>	<u>Tire Pressure</u>		<u>Tire Pressure</u>	<u>Wheel Nuts</u>	<u>Gear Box & Center Drive Oil</u>
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Notes: