



*We depend on you. You can depend on us.*

## PRE-HARVEST CHECK LIST

- 1. Inspect elevator belts and cups, replace bent or broken cups and tighten cup bolts.
- 2. Check elevator belts and conveyor belts for cracks, checking or fraying, especially in spliced areas.
- 3. Check tail pulleys and bearing and adjust belt tension as required.
- 4. Check head pulleys for lagging condition.
- 5. Check and lubricate head bearings and gearboxes.
- 6. Check V-belt drives and/or chain drives for proper tension; replace worn belts, sheaves, chain or sprockets.
- 7. Check electric motor; lube bearings and remove dirt and debris accumulated around motor.
- 8. Check gates, chutes, distributors and trippers to be sure they are in good working order.
- 9. Run the leg or conveyor empty to assure they are open and free of interference.
- 10. Belt conveyors; be sure all the idlers and return rollers are turning.
- 11. Run screw conveyor empty to assure they are open and free of interference.
- 12. Check motor starters, disconnects and fuses. Be sure you have extra fuses and that the starter contacts are not burned or pitted.
- 13. Caulk all bins, spouting and other joints. **Keep grain in and water out.**
- 14. Check your pneumatic systems; replace FRL's (Filters, regulators, lubricators) as required.
- 15. Check and replace hydraulic hoses on car pullers, gate actuators, etc.
- 16. Replace the filters on all your hydraulic power supplies.
- 17. Check the wire rope and cables supporting legs, dryers, covers, etc. Are they in good condition; rusted or frayed. **Do not forget the clamps.**
- 18. Be sure moving cables on slings and hoists are lubricated and to not have broken strands or crushed sections.
- 19. Check flexible ducting and replace damaged sections. Replace vacuum hoses.
- 20. Be sure dump pits are dry and clear of debris. **A cover on dump pit grates could solve that problem.**

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1111 E. 1st Street N., Wichita, KS 67214  
**316.262.0401**

Murdock Electric  
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Murdock Industrial  
316.262.4476

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Murdock Supply - Hutchinson  
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620.669.8600

Murdock Supply - McPherson  
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620.241.8032

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580.233.7080