

# CYCLO PLANTER INSPECTION

## CASE IH CUSTOMIZED MAINTENANCE INSPECTION CHECKLIST



W.O. # \_\_\_\_\_  
 DATE \_\_\_\_\_  
 MODEL \_\_\_\_\_  
 TECHNICIAN SIGNATURE \_\_\_\_\_  
 P.I.N. \_\_\_\_\_ HOURS \_\_\_\_\_

CUSTOMER NAME \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 CITY, STATE, ZIP \_\_\_\_\_  
 PHONE \_\_\_\_\_  
 CUSTOMER SIGNATURE \_\_\_\_\_

ITEM #	COMMENTS

- | A                        | B                        | C                        | S                        |  |
|--------------------------|--------------------------|--------------------------|--------------------------|--|
| <b>PRESS WHEEL</b>       |                          |                          |                          |  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1. Splits, Cracks                              |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Chevron Bars/Center Rib                     |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3. Bearing                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 4. Down Pressure Spring                        |
| <b>COVERING DISK</b>     |                          |                          |                          |  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5. Diameter (7.5 - 8.0')                       |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 6. Bearing and Hub Cap Condition               |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 7. Spring Condition                            |
| <b>SCRAPER</b>           |                          |                          |                          |  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 8. Within Wear Limit                           |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 9. Adjustment                                  |
| <b>OPENER DISCS</b>      |                          |                          |                          |  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10. Diameter (13.5 - 14')                      |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 11. Runout (.125" max.)                        |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 12. Clearance between Openers (0 - 0.125" max) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 13. Bearings and Caps                          |
| <b>GAUGE WHEELS</b>      |                          |                          |                          |  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 14. Rubber/Rim Condition                       |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 15. Clearance to Disc (0 - 1/8')               |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 16. Wobble Arm                                 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 17. Pivot Arm Pins                             |
| <b>FIRMING POINT</b>     |                          |                          |                          |  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 18. Wear Limit using Gauge 1958225C3           |

- | A   | B                        | C                        | S                        |   |
|---|--------------------------|--------------------------|--------------------------|---|
| <b>SHOE AND DEFLECTOR</b>                             |                          |                          |                          |   |
| <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 19. Shoe Alignment to Opener Discs                        |
| <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 20. Shoe Taper (7/8" front / 1-1/8" rear)                 |
| <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 21. Wear at Bottom and Side of Shoes                      |
| <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 22. Deflector (torn, ripped)                              |
| <b>DEPTH CONTROL</b>                                  |                          |                          |                          |   |
| <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 23. Row Units Zeroed                                      |
| <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 24. Down Pressure Spring Condition                        |
| <b>SEALS</b>  |                          |                          |                          |   |
| <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 25. Hopper Lid Seal                                       |
| <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 26. Seed Drum Deal  |
| <b>SEED DRUM TO FIREWALL DISTANCE</b>                 |                          |                          |                          |   |
| <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 27. 1st Pocket to Firewall (2-9/16" to 2-5/8')            |
| <b>SEED DRUM ASSIST WHEEL</b>                         |                          |                          |                          |   |
| <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 28. Light Contact with Swing Gauge                        |
| <b>SEED RELEASE WHEEL SPRING TENSION</b>              |                          |                          |                          |   |
| <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 29. 10 - 12 lbs.  |
| <b>SEED DRUM DRIVESHAFT PERPENDICULAR TO FIREWALL</b> |                          |                          |                          |   |
| <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 30. Swing Gauge Distance to Firewall                      |
| <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | a. Within 0.030" @ 3:00 & 9:00 position                   |
| <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | b. Within 0.060" @ 6:00 & 12:00 position                  |
| <input type="checkbox"/>                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | c. Clearance at all positions within 0.090" of each other |

- | A                        | B                        | C                        | S                        |  |
|--------------------------|--------------------------|--------------------------|--------------------------|--|
| <b>SEED MANIFOLD</b>     |                          |                          |                          |  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 31. Center of First Throat to Firewall Distance 2-5/8"     |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 32. Distance between Swing Gauge and Manifold under 0.060" |
| <b>SEED DRUM SHAPE</b>   |                          |                          |                          |  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 33. Runout (under 0.200')                                  |
| <b>BRUSH</b>             |                          |                          |                          |  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 34. Roller Condition                                       |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 35. Brush Width (5/8" or less)                             |
| <b>TRANSMISSION</b>      |                          |                          |                          |  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 36. Chain Length/Stretch                                   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 37. Sprocket Alignment                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 38. Sprocket Tooth Wear                                    |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 39. Chain Tension  |
| <b>MAIN DRIVE WHEEL</b>  |                          |                          |                          |  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 40. Chain Length, Stretch                                  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 41. Sprocket/Tightener Alignment                           |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 42. Sprocket Tooth Wear                                    |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 43. Chain Tension  |

- | A                         | B                        | C                        | S                        |                                   |
|---------------------------|--------------------------|--------------------------|--------------------------|-----------------------------------|
| <b>MARKER DISCS</b>       |                          |                          |                          |                                   |
| <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 44. Disc Condition                |
| <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 45. Bearing Condition             |
| <b>GRANULAR CHEMICALS</b> |                          |                          |                          |                                   |
| <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 46. Chain Mechanism               |
| <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 47. Chain Tension                 |
| <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 48. Hopper/Lid Condition          |
| <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 49. Feed Rolls                    |
| <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 50. Discharge Tubes               |
| <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 51. Metering Device               |
| <b>MONITORS</b>           |                          |                          |                          |                                   |
| <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 52. Seed Tube Sensors             |
| <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 53. Wiring Harnesses              |
| <b>ATTACHMENTS</b>        |                          |                          |                          |                                   |
| <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 54. Drivewheel Pressure/Inflation |
| <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 55. _____                         |
| <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 56. _____                         |
| <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 57. _____                         |
| <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 58. _____                         |

A	CRITICAL - MUST REPAIR
B	OPERATIONAL - SIGNS OF WEAR
C	OK
S	PASSED INSPECTION - SERVICE PROVIDED



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