



JOHN DEERE

# PLANTER JOHN DEERE INSPECTION

CUSTOMER					PLANTER INFORMATION			
Name:					Planter Acres			
Address:					Serial Number:			
City and State:					Warranty End Date:			
Phone:					Date:			
Overall Items	CONDITION			Customer OK's Repair	New Specification	MST Job Time	Replacement Specification	Comments
	OK	Repair / Replace	Needs Adjusted					
Safety Chain							Worn links	
Parking Stand							Check for cracked welds, missing pins	
Check Tire Inflation							See OM	
Check Wheel Bolt Torque							Bolt torque - 115 Nm (85 lb-ft)	
Inspect Hitch Strap Bolt Torque							Bolt torque - 352Nm (260 lb-ft)	
Check and Lubricate Wheel Bearings							See OM	
Lubricate entire machine							See OM	
Check all Safety Decals, Reflectors, and SMV sign							In place and visible	
Inspect all Safety Shields and Warning Lamps							In place and operational	
Inspect Clutch assembly/ bearings							See OM	
Check Transport lock							In storage position/missing, See OM	
Check SeedStar or CT monitor/ radar							Use appropriate OM, TM	
Check all electrical harnesses							Check for stretched, cracked, broken, burnt wires and connectors	
Check Micro switches							See corresponding TM for proper operation	
Clean Seed tube sensors							Perform monitor "Seed Tube Sensor Test"	
Check all drive chains and sprockets							Check for worn/kinked links and sprockets, Follow OM for lubrication guidelines	
Check all drive idlers/ rollers/ bearings							Check for purging grease/looseness	
Check seed transmission and bearings							Loose worn/sprockets	
Check all idler springs							Proper chain tension	











Radial Bean Meter - Continued	CONDITION			Customer OK's Repair	New Specification	MST Job Time	Replacement Specification	Comments
	OK	Repair / Replace	Needs Adjusted					
Check Roller							Replace if fingers are worn off	
Check Arm							Insure proper spring force on roller	
Check Ejector								
Check Spring							Check for proper tension on roller	
Check Cover								
Check Spring locking pin							Inspect pin	
Check Screw								
Check Locks								
Inspect Flex Drive Assembly							Lubricate for proper flipper drive movement	

Radial Bean Meter Installed Options	CONDITION			Customer OK's Repair	Recommended Service Intervals (Annual *)	MST Job Time	Recommended Service, Inspection Specification, Additional Information	Option Description
	OK	Installed (Y/N)	Repair / Replace					

Feed Cup Meter Assembly	CONDITION			Customer OK's Repair	New Specification	MST Job Time	Replacement Specification	Comments
	OK	Repair / Replace	Needs Adjusted					
Check Cover							Replace if worn/damaged	
Check Seed Plate							Replace if worn/damaged	
Check Shim							Replace if worn/damaged	
Check Bowl							Replace if worn/damaged	
Check Shaft							Replace if worn/damaged	
Check Housing							Replace if worn/damaged	
Check Wing nut							Replace if worn/damaged	
Check Cover							Replace if worn/damaged	

Feed Cup Meter Assembly Installed Options	CONDITION			Customer OK's Repair	Recommended Service Intervals (Annual *)	MST Job Time	Recommended Service, Inspection Specification, Additional Information	Option Description
	OK	Installed (Y/N)	Repair / Replace					





Miscellaneous	CONDITION			Customer OK's Repair	New Specification	MST Job Time	Replacement Specification	Comments
	OK	Repair / Replace	Needs Adjusted					
Heavy duty adjustable unit down force springs							Check for worn cast components	
Closed handling system							Insure valve is operational	
Liquid herbicide system							Clean hoses and nozzles.	
Liquid fertilizer system							Inspect hoses and pump for damage/kinks	
Frame mounted coulters							Check blade depth and alignment with rows	
Row cleaners							Replace bent teeth/inspect bearings	
Conservation Disk Coulters							Inspect bearings and blade wear	
Combination coulters/row cleaner							Check alignment with row unit openers	
Inspect routing of row unit harness to seed sensor							Secure as required to minimize pinch points	
Align meter drive to meter assembly (all meters except Pro-series)							Refer to OM	
Miscellaneous Installed Options	CONDITION			Customer OK's Repair	Recommended Service Intervals (Annual *)	MST Job Time	Recommended Service, Inspection Specification, Additional Information	Option Description
	OK	Installed (Y/N)	Repair / Replace					
LIQUID FERTILIZER OPENERS							Verified if installed and functioning correctly: Attachment number: BA30547	1770NT, 1790 Planters
LIQUID FERTILIZER TANK							Verified if installed and functioning correctly: Attachment number: BA30493	1770NT 16R & 24R Planters
ACTIVE PNEUMATIC DOWNFORCE SYSTEM							Verified if installed and functioning correctly: Attachment number: BA32253	1770NT, 1790, DB Planters
UNIT MOUNTED COULTERS							Verified if installed and functioning correctly: Attachment number: BA30078	1700 Series & DB Planters
ROW CLEANERS							Verified if installed and functioning correctly: Attachment number: BA31401	1700 Series & DB Planters
Row Command	CONDITION			Customer OK's Repair	New Specification	MST Job Time	Replacement Specification	Comments
	OK	Repair / Replace	Needs Adjusted					
Inspect routing of RowCommand clutch harness (if equipped)							Secure as required to minimize pinch points	
Perform RowCommand self-test (if equipped)							Refer to OM	



Row Command Installed Options	CONDITION			Customer OK's Repair	Recommended Service Intervals (Annual *)	MST Job Time	Recommended Service, Inspection Specification, Additional Information	Option Description
	OK	Installed (Y/N)	Repair / Replace					
ROW COMMAND PRO-SERIES							Verified if installed and functioning correctly: Attachment number: BA92851	1770NT 24R Planter
ROW COMMAND CHAIN DRIVE							Verified if installed and functioning correctly: Attachment number: BA92874	1770NT 24R Planter
CIS Syetem	CONDITION			Customer OK's Repair	New Specification	MST Job Time	Replacement Specification	Comments
	OK	Repair / Replace	Needs Adjusted					
Inspect CIS system hoses for damage (if equipped)							Wearing appropriate PPE, repair as required	
Inspect CIS system water filter (if equipped)							Clean as required	
Inspect CIS system chemical filter (if equipped)							Wearing appropriate PPE, clean as required	
Prime CIS chemical system (if equipped)							Refer to DTAC solution 83935	
CIS System Installed Options	CONDITION			Customer OK's Repair	Recommended Service Intervals (Annual *)	MST Job Time	Recommended Service, Inspection Specification, Additional Information	Option Description
	OK	Installed (Y/N)	Repair / Replace					
CENTRAL INSECTICIDE SYSTEM							Verified if installed and functioning correctly: Attachment number: BA92832	1770NT 24R Planter

