



PRE-SEASON INSPECTION
Air Carts

CUSTOMER		AIR CART INFORMATION		
Name:		Acres Covered:		
Address:		Serial Number:		
City & Prov:		Warranty End Date:		
Phone:				
Safety (to be done at pickup)	CONDITION		Repair / Replacement Specification	COMMENTS
	OK	Repair / Replace		
Tires			Check for worn, damaged tires	
Check Tire Inflation			See Operators Manual	
Wheel Bolt Torque			See Operators Manual	
Check Wheel Bearings			Roll smooth / bearing play / repack	
Inspect Condition of Hydraulic Hoses			No leaks, fittings tight, hoses worn	
Hose Supports			Keeping hose suspended	
Check Operation of Lights				
Safety Chain			In place with locking hook	
Parking Stand				
Inspect all Safety Shields			In place	
Hand railings / Steps			Fastened securely	
Check hitch pins for wear			Air Cart to drill pin	
Check all Safety Decals, Reflectors, and SMV Sign			In place	
Meter Drive System	CONDITION		Repair / Replacement Specification	COMMENTS
	OK	Repair / Replace		
Left Hand Drive Tire - Gear Alignment of Chain			Verify proper sprocket clearance to drive shaft ~ see Operators Manual	
Main Drive Clutch			Voltage - 12+ Also, check condition of ground location and connection. Check gap clearance	
Chain Idler Tension Adjustment + chain / sprocket condition				
Check shaft bearings / collars			Check that lock collars are tight	
Secondary Clutch			Voltage - 12+ Ground Gap clearance	
Product Meter Transmission			Chain alignment	
Product Meter Drive			Shear bolts	
Check that Metering Shaft turns freely			Rolling torque - no more than 50 inch / lbs	
Lubrication of Metering Wheels			Lubricate at storage time	

Metering Body	CONDITION		Repair / Replacement Specification	COMMENTS
	OK	Repair / Replace		
Half - tank shutoff's			Check for free movement	
Check for Proper Metering Wheels			Condition & proper size for dividers	
Meter Body Housing			Check condition of coating	
Double-shoot Collector			Check for free operation of flappers and all move together	
Variable Rate Transmissions			<i>Run for proper rotation & Inspect for oil leaks</i>	
Seed Plate Inspection / Clean out of doors			<i>Ensure adjust to correct load and no leaks present. See Operators Manual</i>	
Air Delivery System				
Air Delivery System	CONDITION		Repair / Replacement Specification	COMMENTS
	OK	Repair / Replace		
Hydraulic Fan Motor			Inspect for leakage & grease bearing	
Hydraulic Fan Operation			Verify operation & connections to tractor	
Double-shoot Plenum			Check for free operation of dampener	
Perform Manifold - Tank Pressure Differential Test				
Conveyor System (if equipped)				
Conveyor System (if equipped)	CONDITION		Repair / Replacement Specification	COMMENTS
	OK	Repair / Replace		
Conveyer Hydraulic Components & Check Valve			No leaks, fittings are tight, check for worn hoses	
Conveyer Operation			Belting is tracking properly & has proper tension adjustment. Check lacing is in good shape. Ensure all screens are at top of tanks.	
Air Cart Electrical System				
Air Cart Electrical System	CONDITION		Repair / Replacement Specification	COMMENTS
	OK	Repair / Replace		
7 Pin Trailer Lighting & Accessory Outlet			Inspect tractor, seeding tool & Air Cart that connections are clean and make proper contact	
Monitor Cable Connections			Inspect connections & wire placement	
Blockage Sensors (if equipped)			Clean prior to each season & verify installation direction of sensor is correct -- See Operators Manual	
Product Tank				
Product Tank	CONDITION		Repair / Replacement Specification	COMMENTS
	OK	Repair / Replace		
Tank Free of Debris				
Tank Lid Seal			Check for damage to seals	
Tank Lid Adjustment			See Operators Manual	
Dead Head at Drill Connection / Run Fan			To check for air leaks / soapy water	
Tank Level Sensors			Check for free operation & correct placement	
V7 March 2020				