Nutri-Placer 920 (24-row)
Applicator

OPERATOR'S MANUAL

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CASE IH AGRICULTURE

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MAINTENANCE CHART

Lubrication and maintenance chart

Interval	Page no.	Maintenance action	No. of pts.	Cleaning	Check	Grease	Lubricate	Drain fluid
Every 10 hours or daily	5-10	Line strainer cleaning		X				
After first 10 hours and periodically	5-11	Wheel bolt torque			X			
	5-12	Frame bolts			X			
Every 50 hours	5-13	Coulter arm				X		
Every 100 hours	5-14	Coulter hub bearing					X	
	5-14	Stabilizer wheel hub				X		
Every 250 hours or yearly	5-15	Wheel hub		X				
	5-15	Jack stand				X		
	5-16	Transport wheel bearing lubrication					X	
	5-18	Wheel hub					X	
	5-20	Stabilizer wheel bearing lubrication					X	
	5-22	Coulter hub bearing					X	
Yearly	5-24	Hydraulic hose connections			X			
	5-25	General tank cleaning		X				
	5-26	Nozzle cleaning		X				
	5-27	Draining procedure						X
	5-28	Centrifugal pump maintenance						X

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Section control

Problem	Possible Cause	Correction
Cannot verify rate in manual operation or in auto	Voltage not being identified	• Check cabling to motorized control valve for breaks. • Check connections in cabling for cleanliness. • Verify there is voltage at the valve connector by toggling master switch ON; AUTO/MAN switch to MAN; and POWER ON.. Manually operate INC/DEC switch to verify voltage. • Verify that valve is turning, if not, replace control valve.
Total volume does not register	Fault in meter/encoder	• Check flow meter/encoder cable for breaks and shorts. See the "Testing the Flow Meter/Encoder Cable" section in the Raven operator's manual. • Check the internal components of the flow meter/encoder; clean and adjust. See appendix 9, "Flow Meter Maintenance and Adjustment Procedure" in the Raven operator's manual for flow meter cleaning and adjustment.
Section valve(s) will not operate	Faulty wires or connectors	• Check cable for wires with breaks/ • Check connectors for cleanliness. • Replace section valve(s).
Total volume registers flow inaccurately	Flow meter assembled wrong	Verify the arrow on flow meter is pointing direction of flow.
Motorized control valve rotates more than 1/4 turn	Faulty motorized control valve	Replace motorized control valve.
Water inside cover of motorized control valve	Control valve not functioning	• Replace isolation flange assembly and coupler shaft. • replace entire motorized control valve if PC board or motor is corroded and will not run.

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7 - SPECIFICATIONS

Tractor requirements

Tractor requirements

24 Row applicator	
Engine horsepower — minimum	**149 kW** (**200 Hp**) minimum
Hydraulic system	Load sensing or pressure compensating closed center system
Remote hydraulic valves	Four hydraulic remote valves
Tractor hydraulic pressure	**15168 kPa** (**2200 psi**) minimum
Tractor electrical system	12 volt with 7-pin connector with power to center pin
Operating speed	**9.7 to 13.7 km/h** (**6 to 8.5 mph**) recommended
Operating depth	
Coulters	**51 - 104 mm** (**2 - 4 in**).

Frame and hitch

Hitch	
Category IV clevis	**51 mm** (**2 in**) hitch pin max
Pull frame	Double **102 x 203 mm** (**4 x 8 in**) rectangular tubes
Main frame	**102 x 178 mm** (**4 x 7 in**) rectangular tubes
Coulter main and wing frames for first 19 coulters	**102 x 152 mm** (**4 x 6 in**) double rank rectangular tubing with fore-aft bracing
Wing frames out to 23 coulters	Single **102 x 152 mm** (**4 x 6 in**) rectangular tubing
Bolt-on wings to extend from 23 coulters to 25 coulters	Single **102 x 152 mm** (**4 x 6 in**) rectangular tubing

Transport size

Dimensions

Width	**5.39 m** (**17–2/3 ft**)
Height	**4.06 m** (**13–1/3 ft**)
Length	**8.1 m** (**26–1/2 ft**)

Weight

Weight

Implement size	
24 Row applicator	
6246 l (**1650 US gal**) tank empty	**6727 kg** (**14830 lb**)
6246 l (**1650 US gal**) tank filled with 28% fertilizer	**14832 kg** (**32698 lb**)
7760 l (**2050 US gal**) tank empty	**7679 kg** (**16930 lb**)
7760 l (**2050 US gal**) tank filled with 28% fertilizer	**17749 kg** (**39130 lb**)
Hitch weight	**2858 kg** (**6300 lb**)

Highway transport chain

Capacity:	**18143 kg** (**40000 lb**)

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