Nutri-Placer® 2800
Applicator

OPERATOR'S MANUAL

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CASE IH AGRICULTURE

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Contents

1 GENERAL INFORMATION

Note to the owner 1-1
Electro-Magnetic Compatibility (EMC) 1-2
Product Identification Number (PIN) 1-3
850 and 1000 gallon 1-3
1300 gallon 1-4
Operator's manual storage 1-5
Machine orientation 1-6
Machine components 1-7

2 SAFETY INFORMATION

Personal safety 2-1
Safety information 2-2
Safety features 2-4
Ecology and the environment 2-6
Hand signals 2-7
Safety signs - 3218 l (850 US gal) and 3785 l (1000 US gal) applicator 2-8
Safety signs - 4921 l (1300 US gal) applicator 2-18

3 TRANSPORT OPERATIONS

PREPARING FOR ROAD TRANSPORT

Before operating 3-1
Attaching the applicator to the tractor 3-3
Connecting to the tractor 3-4
Jack stand 3-6
Hydraulic connections 3-7
Transport lighting 3-8
Transport stops 3-10
Disconnecting the implement 3-12

4 WORKING OPERATIONS

Preparing for work

Hydraulic system 4-1
Level the applicator fore and aft 4-4
Level the applicator side to side - 3218 l (850 US gal) and 3785 l (1000 US gal) 4-9
Level the applicator side to side - 4921 l (1300 US gal) 4-10
Stabilizer wheel adjustment 4-11
Ground drive wheel adjustment 4-12
Liquid coulter knife adjustment 4-14
Liquid injector adjustment 4-18
Hydraulically driven centrifugal pump set-up 4-19
Rate and Section Control Module (RSCM) valve calibration 4-20
Ground drive system set up 4-21

MidWestTech | Case Nutri Placer 2800 Applicator Operator's Manual | Publication 514... Order the manual at mid-west-tech.com >

Orifice selection - liquid injector system setup 4-23

5 MAINTENANCE

GENERAL INFORMATION

Torque 5-1
Special bolt torque 5-6
Torque - Standard torque data for hydraulic connections 5-7
Tire pressure 5-14

MAINTENANCE CHART

Lubrication and maintenance chart 5-15

As required maintenance

Lubrication points - 3218 l (850 US gal) and 3785 l (1000 US gal) applicators 5-16
Lubrication points - 4921 l (1300 US gal) applicator 5-17

Every 10 hours or daily

Rockshaft assembly - 3218 l (850 US gal) and 3785 l (1000 US gal) applicators 5-18
Rockshaft assembly - 4921 l (1300 US gal) applicator 5-19

After first 10 hours and periodically

Frame bolts 5-20
Wheel bolt torque - 3218 l (850 US gal) and 3785 l (1000 US gal) applicators 5-20
Wheel bolt torque - 4921 l (1300 US gal) applicator 5-21

Every 50 hours

Coulter frame wing hinge - 3218 l (850 US gal) and 3785 l (1000 US gal) applicators 5-22
Center coulter frame - 4921 l (1300 US gal) applicator 5-22
Inner wing pivot - 4921 l (1300 US gal) applicator 5-23
Outer wing hinge - 4921 l (1300 US gal) applicator 5-23
Coulter arm 5-24

Every 100 hours

Ground drive wheel bearing lubrication 5-25
Coulter hub bearing 5-25
8- bolt wheel hub bearing - 3218 l (850 US gal) and 3785 l (1000 US gal) applicators 5-26
10-bolt wheel hub bearing - 4921 l (1300 US gal) applicator 5-26
Stabilizer wheel hub - 4921 l (1300 US gal) applicator 5-27

Every 250 hours or yearly

8- bolt wheel hub bearing - 3218 l (850 US gal) and 3785 l (1000 US gal) applicators 5-28
10-bolt wheel hub bearing - 4921 l (1300 US gal) applicator 5-29
Repack 50-8 8-bolt wheel hub bearings 5-30
Repack 80-8 8-bolt wheel hub bearings 5-32
Repack 10-bolt wheel hub bearings 5-34

MidWestTech | Case Nutri Placer 2800 Applicator Operator's Manual | Publication 514... Order the manual at mid-west-tech.com >

Repack stabilizer wheel bearings 5-36
Repack coulter hub bearing 5-38

Yearly
Hydraulic hose connections 5-40
Tank cleaning 5-40
Nozzle cleaning 5-41

STORAGE
Preparing for storage 5-43
Removing from storage 5-44

6 TROUBLESHOOTING

SYMPTOM(S)
Field performance 6-1
Nozzle check - flow rate and pattern uniformity 6-2
Liquid injector adjustment 6-3
Liquid coulter knife adjustment 6-4
Transporting checks 6-4
Bleeding air from hydraulic circuits 6-5
Machine lifting procedure - 4921 l (1300 US gal) applicator 6-6
Position sensor adjustment - 4921 l (1300 US gal) applicator 6-11

7 SPECIFICATIONS
Consumables 7-1
Tractor requirements 7-1
Frame and hitch 7-2
Transport size 7-2
Weight 7-3
Hydraulics 7-3
Wheels and tires 7-4
Fertilizer coulters 7-4

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3 - TRANSPORT OPERATIONS

PREPARING FOR ROAD TRANSPORT

Before operating

⚠DANGER

Crushing hazard!
Make sure area is clear of all persons before lowering equipment.
Failure to comply will result in death or serious injury.

D0018A

⚠WARNING

Transport hazard!
For speeds up to 32 km/h (20 mph), make sure that the weight of a trailed vehicle that is not equipped with brakes DOES NOT EXCEED 1.5 times the tractor weight. Stopping distance increases with increasing speed as the weight of the towed load increases, especially on hills and slopes.
Failure to comply could result in death or serious injury.

W0665B

⚠WARNING

Roll-over hazard!
ALWAYS be aware of the effect of inclines and steep hills on machine stability. Operating, handling, and braking performance may be affected. Adjust ballast and driving speed accordingly to ensure stable and accurate steering, and to ensure the required brake performance in critical situations.
Failure to comply could result in death or serious injury.

W0444A

⚠WARNING

Avoid injury!
DO NOT allow riders. A rider may fall off the machine and be run over.
Failure to comply could result in death or serious injury.

W0670A

⚠WARNING

Transport hazard! Loss of control hazard!
Always transport the applicator with the tank empty. Transporting at 32 km/h (20 mph) with product in the tank exceeds tire capacity and can lead to tire failure or a loss of control.
Failure to comply could result in death or serious injury.

W1566A

Before operating your fertilizer applicator:

1. Lubricate the applicator according to instructions in the "Lubrication and maintenance chart" on **5-15** in this manual.
2. Check all hardware and pins for wear. Torque all fasteners as required. Refer to the specifications in "Torque" starting on **5-1** or "Special bolt torque" on **5-6** for the correct torque requirements.
3. Check the routing of all hoses and wiring to prevent damage during operation.
4. Check the tires for correct air pressure. Refer to "Wheels and tires" on **7-4**.
5. Check all safety equipment for proper operation.
6. Read and understand all of the operating instructions in this manual.

NOTICE: *Always transport the applicator with the tank empty.*

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MAINTENANCE CHART

Lubrication and maintenance chart

Maintenance action	Check	Grease		Cleaning	Lubricate	Page no.
Every 10 hours or daily						
Rockshaft assembly - 3218 l (850 US gal) and 3785 l (1000 US gal) applicators	x					5-18
Rockshaft assembly - 4921 l (1300 US gal) applicator	x					5-19
After first 10 hours and periodically						
Frame bolts		x				5-20
Wheel bolt torque - 3218 l (850 US gal) and 3785 l (1000 US gal) applicators		x				5-20
Wheel bolt torque - 4921 l (1300 US gal) applicator		x				5-21
Every 50 hours						
Coulter frame wing hinge - 3218 l (850 US gal) and 3785 l (1000 US gal) applicators	x					5-22
Center coulter frame - 4921 l (1300 US gal) applicator	x					5-22
Inner wing pivot - 4921 l (1300 US gal) applicator	x					5-23
Outer wing hinge - 4921 l (1300 US gal) applicator	x					5-23
Coulter arm	x					5-24
Every 100 hours						
Ground drive wheel bearing lubrication	x					5-25
Coulter hub bearing	x					5-25
8- bolt wheel hub bearing - 3218 l (850 US gal) and 3785 l (1000 US gal) applicators	x					5-26
10-bolt wheel hub bearing - 4921 l (1300 US gal) applicator	x					5-26
Stabilizer wheel hub - 4921 l (1300 US gal) applicator	x					5-27
Every 250 hours or yearly						
8- bolt wheel hub bearing - 3218 l (850 US gal) and 3785 l (1000 US gal) applicators			x			5-28
10-bolt wheel hub bearing - 4921 l (1300 US gal) applicator			x			5-29
Repack 50-8 8-bolt wheel hub bearings				x		5-30
Repack 80-8 8-bolt wheel hub bearings				x		5-32
Repack 10-bolt wheel hub bearings				x		5-34
Repack stabilizer wheel bearings				x		5-36
Repack coulter hub bearing				x		5-38
Yearly						
Hydraulic hose connections		x				5-40
Tank cleaning			x			5-40
Nozzle cleaning			x			5-41

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Weight

850 l (850 US gal) tank	
Tank empty	2245 kg (4950 lb)
Tank filled with 28% fertilizer	6015 kg (13260 lb)
Hitch weight	676 kg (1490 lb)

Highway transport chain

Capacity	89 kN (20000 lb)

3785 l (1000 US gal) tank	
Tank empty	2245 kg (4950 lb)
Tank filled with 28% fertilizer	7076 kg (15600 lb)
Hitch weight	676 kg (1490 lb)

Highway transport chain

Capacity	89 kN (20000 lb)

1300 l (1300 US gal) tank	
Tank empty	4577 kg (10090 lb)
Tank filled with 28% fertilizer	10857 kg (23935 lb)
Hitch weight	1111 kg (2450 lb)

Highway transport chain

Capacity	135 kN (30400 lb)

Hydraulics

3218 L (850 US gal) and 3785 L (1000 US gal) applicators	
Lift cylinder	
Main frame	One 76 x 203 mm (3 x 8 in)
Wing fold cylinders	
Wing fold	Two 76 x 406 mm (3 x 16 in)

4921 L (1300 US gal) applicator	
Lift cylinder	
Main frame	One 76 x 305 mm (3 x 12 in)
Wing fold cylinders	
Inner wing fold	Two 102 x 610 mm (4 x 24 in)
Outer wing fold	Two 64 x 406 mm (2-1/2 x 16 in)

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