5300 Grain Drill

Operators Manual and Set-Up Manual

Rac 9-15102

CASE IH AGRICULTURE

MidWestTech | Case 5300 Grain Drill Operator's Manual | Publication 9-15102

Order the manual at mid-west-tech.com >

GENERAL TABLE OF CONTENTS

TO THE OWNER **1**
- 5300 GRAIN DRILL 1
- TO THE OWNER 2

IDENTIFICATION NUMBERS/MACHINE COMPONENTS **3**
- PRODUCT IDENTIFICATION NUMBERS 3
- GRAIN DRILL COMPONENTS 4

SAFETY/DECALS **5**
- SAFETY 5
- SAFETY DECALS 10
- SAFETY REFLECTORS 11
- SAFETY LIGHTING 12

OPERATING INSTRUCTIONS **13**
- STANDARD FEATURES AND CONTROLS 14
- ELECTRONIC ACRE COUNTER OPERATION 17
- OPTIONAL FEATURES AND CONTROLS 20
- TRACTOR REQUIREMENTS 23
- TRACTOR TO DRILL CONNECTIONS 25
- LEVELING THE GRAIN DRILL 27
- TRANSPORTING 27
- HYDRAULIC LIFT OPERATION 28

FIELD OPERATION **29**
- SOWING GRAIN 30
- SOWING ROW CROPS 33
- FERTILIZER SYSTEM 35
- SOWING GRASS SEED 36
- INSECTICIDE AND HERBICIDE APPLICATION 40
- IN-FIELD ADJUSTMENTS 41
- MARKER OPERATION - MANUAL ROPE TYPE (IF EQUIPPED) 45
- MARKER OPERATION - HYDRAULIC NON-FOLD TYPE (IF EQUIPPED) 46

ADJUSTMENT/MAINTENANCE **51**
- PRE-SEASON ADJUSTMENT 51
- CHAIN AND SPROCKET ADJUSTMENTS 52
- FEED CUP MAINTENANCE 55
- FURROW OPENER DISC MAINTENANCE 57
- FERTILIZER SYSTEM MAINTENANCE 59

LUBRICATION **61**
- ENVIRONMENT 61
- LUBRICATION/MAINTENANCE CHART 62
- WHEEL BEARINGS 68

MACHINE STORAGE **69**
- STORAGE PREPARATION 69
- REMOVING FROM STORAGE 70

TROUBLESHOOTING **71**

SPECIFICATIONS **75**
- GRAIN DRILL SPECIFICATIONS 75
- TORQUE VALUES 77

MidWestTech | Case 5300 Grain Drill Operator's Manual | Publication 9-15102 Order the manual at mid-west-tech.com >

SET-UP INSTRUCTIONS **81**
SET UP PREPARATION 81
HITCH INSTALLATION 82
AXLES, WHEELS AND DRIVE CHAIN INSTALLATION 86
ACRE COUNTER INSTALLATION (IF EQUIPPED) 87
FOOTBOARD SUPPORT MOUNTING 88
DOUBLE DISK FURROW OPENER 89
DRILL ROLLOVER 91
HYDRAULIC LIFT ATTACHMENT (IF EQUIPPED) 93
HYDRAULIC LIFT CONNECTIONS 96
COMBINATION HOPPER SETUP - GRAIN AND FERTILIZER 98
MANUAL TYPE MARKER (IF EQUIPPED) 99
HYDRAULIC NON-FOLD MARKER (IF EQUIPPED) 101
GRASS SEED ATTACHMENT - FRONT MOUNTED (IF EQUIPPED) 105
GRASS SEED ATTACHMENT - REAR MOUNTED (IF EQUIPPED) 109
BROME SEED ATTACHMENT - REAR MOUNTED (IF EQUIPPED) 112
RAISED FOOTBOARD ATTACHMENT (IF EQUIPPED) 117
FERTILIZER/SEED LEVEL INDICATOR (IF EQUIPPED) 118
FEED-SHAFT ROTATION INDICATOR (IF EQUIPPED) 119
SEED MONITOR (IF EQUIPPED) 122
SEED VIEWING CUP (IF EQUIPPED) 122
FEED CUP WINDSHIELD
(IF EQUIPPED) 122
DEPTH PRESS WHEEL ATTACHMENT (IF EQUIPPED) 123
SEED FIRMING WHEEL ATTACHMENT (IF EQUIPPED) 124
DEPTH BANDS (IF EQUIPPED) 125
FERTILIZER DEFLECTOR - FOR SEPARATE DELIVERY 125
DRAG CHAIN ATTACHMENT 126
GRAIN AGITATOR ATTACHMENT (IF EQUIPPED) 127
TRAILING HITCH ATTACHMENT (IF EQUIPPED) 129

CHARTS **131**
GRASS SEED SOWING CHART
CASE 6 INCH (152 MM) DRILL 131
GRASS SEED SOWING CHART
CASE 7 INCH (178 MM) DRILL 131
GRAIN SOWING CHART CASE 6 INCH (152 MM) DRILL
IN KILOGRAMS PER HECTARE AND POUNDS PER ACRE 132
GRAIN SOWING CHART CASE 7 INCH (178 MM) DRILL
IN KILOGRAMS PER HECTARE AND POUNDS PER ACRE 133
SOYBEAN SOWING CHART CASE 6 INCH (152 MM) DRILL 134
SOYBEAN SOWING CHART CASE 7 INCH (178 MM) DRILL 135
PEA SOWING CHART CASE 6 INCH (152 MM) DRILL 136
PEA SOWING CHART CASE 7 INCH (178 MM) DRILL 137
BROME GRASS SEED SOWING CHART CASE 7 INCH (178 MM) DRILL 138
SUNFLOWER SOWING CHART CASE DRILL 138
FERTILIZER APPLICATION CHART CASE 6 INCH (152 MM) DRILL 139
FERTILIZER APPLICATION CHART CASE 7 INCH (178 MM) DRILL 139
INSECTICIDE (THIMET NO. 10) APPLICATION CHART 141

DETAIL INDEX **143**

MidWestTech | Case 5300 Grain Drill Operator's Manual | Publication 9-15102 Order the manual at mid-west-tech.com >