



Simplicity
A U S T R A L I A

AIRSEEDER OPERATORS MANUAL

Model: PM2 4500
Serial No:
Description: Pull Mount, 4500 litre, 2 bin, Ground Drive, Farmscan 2200

For Instruction On:

Pull Mounted Machine Configuration
Farmscan 2200 Monitor Operation
Pull Mounted Ground Drive Operation

Section 1: Introduction

Welcome to Simplicity Australia	Page	1.1
Company Profile		1.2
Product Overview		1.3

Section 2: Safety

Safety Instructions – ‘Key Words’	Page	2.1
Location of Safety Decals – LHS and Rear		2.2
Location of Safety Decals – RHS and Front		2.3
Road and Field Travel		2.4

Section 3: Operation

Hooking up	Page	3.1
Filling and Emptying the Bins		
• Filling		3.2
• Emptying		3.3
Air Seeder Calibration		
• Determine Implement Sowing Width		3.4
• Determine Actual Tyre Circumference		3.5
• Determine Corrected Tyre Circumference		3.5
• Determine Calibration Crank Turns per Hectare		3.6
• Record of Calibration Results		3.6
Calibrating Sowing Rates		3.7
• Compaction Warning		3.8
• Tips for Calibrating Sowing Rates		3.9
• Higher Sowing Rates		3.10
• Product Flow (Bridging)		3.10
Air Delivery System		
• Overview		3.11
• Setting the Blower Speed		3.12
• Checking Blower Speed		3.13
• Delivery Capacity and Calculating Delivery Rate		3.13
Double or Triple Shooting and Splitting		
• Description and Background		3.14
• Illustration ‘One Pass Application’		3.15
• Plan View – Six Row Double Shoot		3.16
• Worksheet – Double or Triple Shooting and Splitting		3.17
Use of Air Restrictors		3.18
Use of Metering Unit Spool Covers		3.19
Use of Canola Covers		3.20
Blocking Air Streams not in Use		3.20
Notes		3.21
Calculating Bin Split		3.22
Bin Split Plan		3.23
Changing Bin Split		3.24
Seeding Kit Terminology		3.25–3.28
Seeding Kit Set Up		3.29-3.30
Monitor Description		3.31
Notes		3.32

Section 4: Maintenance

Lubrication and Maintenance Overview	Page 4.1
Daily Checklist	4.2
After Sowing Maintenance	4.3
Lubrication and Maintenance Schedule	4.4
Location of Grease Points and Lube Intervals	4.5
Oil Levels	4.6
Blower Maintenance	4.7
Hydraulic Filter Replacement	4.7, 4.8
Clutch Maintenance	4.8
Air Leak Check	4.9-4.12
Service and Repair Records	4.13
Notes	4.14

Section 5: Troubleshooting

Sowing Operation	Page 5.1, 5.2
Blower Operation	5.3
Notes	5.4

Section 6: Miscellaneous

Tyre Pressure Guide	Page 6.1
Useful Formulae	6.2
Risk Assessment	6.3
Notes	6.4
Disclaimer	Rear cover