

DAVIMAC

MANUFACTURING QUALITY PRODUCTS

PASTURE SEEDER OPERATOR'S MANUAL



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INTRODUCTION

Davimac Engineering thanks you for purchasing one of our products.

It is the responsibility of the user to understand the operation, safety, maintenance and lubrication before operating the Pasture Seeder. It is the users responsibility to check and service the machine as specified in the Manual.

WARRANTY

Davimac Pty Ltd warrants against defects in materials or workmanship for 1 year. We reserve the right to inspect and decide whether material or workmanship was the faulty or whether abuse or accident voids our warranty.

Warranty service must be undertaken by a dealer or service center approved by Davimac Engineering. Warranty service will be performed without charge to the purchaser if warranty claim is valid. If the original purchaser sell or transfers this product to a third party the warranty does not transfer to the third party in any way.

The manufacturer reserves the right to make product design changes at any time without notice. They shall not be obligated or liable for the replacement of previously sold products .

SAFETY

Safety is the responsibility of the operator and is measured by how you operate and service the machine. Know how the machine functions and what the controls do, before trying to operate this machine.

Below are some safety points, we have tried to cover all safety issues but the operator should do a safety evaluation of the machine before operating this machine.

- ! Never permit any persons other than the operator to ride on the tractor.**
- ! Never ride on the planter or allow others to ride on the planter.**
- ! Do not allow anyone to stand between the hitch and towing vehicle when backing up to the planter**
- ! Never work under planter when machine is in the raised position unless the ram safety stops are in.**
- ! Never allow anyone within the immediate area when working.**
- ! Don't operate or do maintenance on the planter unless you are trained to do so**
- ! Before doing any maintenance do a safety evaluation.**
- ! Do not service hydraulic system while under pressure.**

Machine maintenance

- Greasing of the bearing should be greased at the start of sowing
2 pumps per bearing.
- Greasing of the clutch should be greased once daily.
- The seed box should be toughly cleaned at the end of the sowing season.
- It is recommend that the seeder should be sheded.

Calibration of Pasture Seeder

The calibration charts given are a guide only and should be checked as seed weight and size vary.

Step 1-Jack up the drive wheel and ensure seeder clutch is engaged.

Step 2-Place containers beneath **4** of the down tubes.

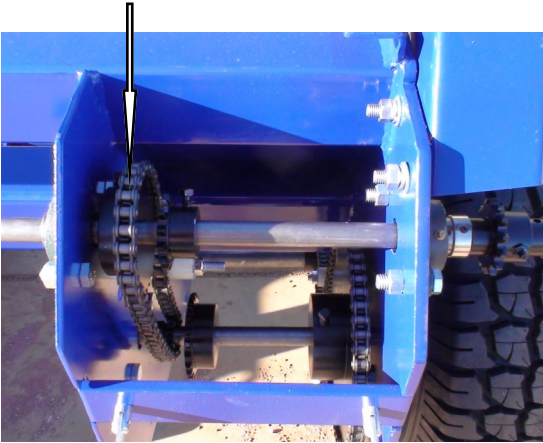
Step 3-Put enough seed in the box to cover all feed rollers.

Step 4-Turn the wheel in a forward direction of travel for 52 revolutions which will be equivalent to 1/20 of an hectare.

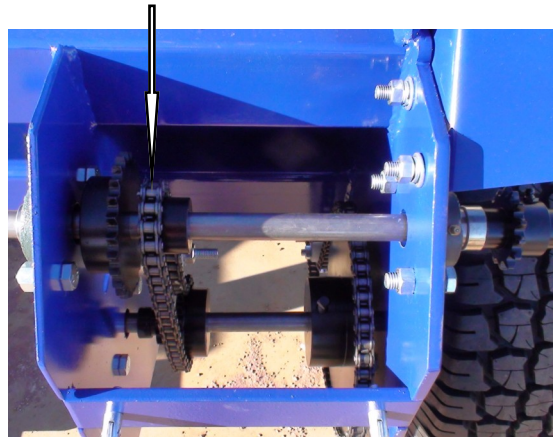
Step 5-Collect the seed from the guttering and weigh it. Times this amount by 120 to give you kg/hectare.

If you are unable to get the seeding rate high or low enough you are able to change the sprockets on the gear box. It is recommend that the feedrollers be closed no more than 3/4.

Setting 1 Low gear



Setting 2 High gear



SMALL SEED CALIBRATION CHARTS

Charts are in kg per ha

	Setting 1				
	2	4	6	8	9
Red clover	1.6	3.5	5.5	7.5	8.5
Lucerne	1.3	3	4.5	6.5	8
Sub clover	1.2	2.8	4.5	6	7
Canola	1	2.2	3.7	5	6
Phalaris	1	2.5	3.7	5	5.7
Ryegrass	0.6	1.2	2	2.7	3

	Setting 2				
	2	4	6	8	9
Red clover	6.5	13.5	21	27.5	31.5
Lucerne	5	11	18	24	30
Sub clover	4.5	10.5	17	23.5	27
Canola	3.5	8.5	13.5	19	23
Phalaris	3.8	9.6	14.5	19	21.5
Ryegrass	2.2	4.7	7.5	10	11.5