

Your ‘C’ Seeder is unique. It has many advantages. It can quickly be changed from one agricultural machine to another. It will work efficiently on a full range of machinery. From plows to tractor or cars and with no servicing and under all conditions, wet, dry, rough or smooth.

Fitting and Operating Instructions:

1. Attach Seeder by bolting through carrier-bar bolt holes to right-angle brackets (not supplied) on tractor or implement, so that spring wires touch the ground and box is upright. It is important that wires are not too long unless unavoidable the wires supplied should be regarded as the maximum height to mount box. If necessary the box may be mounted lower and the wires cut to correct length. Mounting of the box is simplified by bolting 2 4” x 2” the carrier bar of the box, making sure it does not interfere with the hinge action of the box to the non-sowing position. The beam can then be drilled at any position to suit the right-angle brackets on tractor or implement. The same method applies when a box with 2ft extension (available from Distributors) is used, thus making it easier to centre the combined box on the implement. When mounting two boxes, end to end, a longer wooden beam can carry both.
2. Sowing Cup Assembly,
Place on each Wing Stud in following order: (1) Washers, (2) Spring, (3) Washers, (4) Sowing Cup. Next screw studs in 1/2” holes along the bottom of the box. Compress each spring sufficiently to hold firmly in place.
3. Prepare for sowing,
Set 14 sowing cups on selected number directly below press-out. Open lid and insert each spring wire dropper through appropriate sowing hole. Now gently turn cups against wires; this prevents loss of seed when filling. Put seed in box using only graded clean seed.

Fasten lid and put box on non-sowing catch. Remember to now return sowing cups so that number corresponds exactly with press-out box. Take box off catch and start sowing. When tractor is stopped, the box should be returned to the non-sowing position, and likewise for travelling. The box may be raised to the non-sewing position and lowered again. This may be done to clear a temporary blockage or to re-mix the seed. The sowing cups are drilled so that short grain tubes may be clipped on flanges if desired.

To avoid loss of seed when changing the sowing rate (hole numbers) and the box contains seed: Put Seeder in non-sewing position. Unscrew wing studs carrying sowing cup assembly from the box, and keeping as one piece, slide it off the spring wire. Re-insert the spring wire through the required hole (going up or down in hole size, for increase or decrease of seed) slide up wire and screw back in place. It is unnecessary to separate washers, spring and sowing cup from the wing stud during this adjustment. When back in place check that the hole number required is now directly below the press-out on the box. NOTE the cup hole in use is at right-angles to its number showing directly below press-out.

Capacity 4’ 14L, 5’ 17L, 6’ 20L, 7’ 24L

Cups spacing 154mm

Approximate rates (cups numbers) for the more commonly used seed:

Lucerne: No. 3 sows 3lbs/acre (**3.37kg/ha**), No. 4 sows 7lbs/acre (**7.85kg/ha**)

Sub-clover: No. 4 sows 3lbs/acre (**3.37kg/ha**) No. 5 sows 4-5lbs/acre (**5.2kg/ha**) (average varieties)

Phalaris: No. 3 sows 2½lbs/acre (**2.8kg/ha**), No. 4 sows 4-5lbs/acre (**5.2kg/ha**)

Rye: No. 3 sows 3-4lbs/acre (**4kg/ha**). No. 6 sows 15lbs/acre (**16.8kg/ha**)

Ball Clover: No. 1 sows 3lbs/acre (**3.37kg/ha**)

White Clover: No. 2 sows 3lbs/acre (**3.37kg/ha**)

Grain Sorghum: No. 6 sows 10lbs (**11.2kg/ha**) with every second run closed (Allows for variety)

Sweet Sudan: No. 5 sows 7lbs (**7.85kg/ha**)

Sorghum Almum: No. 5 sows 8-9lbs (**9.7kg/ha**)

Rhodes Grass: No. 8 sows 2-3lbs. (**2.8kg/ha**) (Special droppers not suspended on horizontal wire.
Ring rests on sowing hole in bottom of box. For increase drill No. 8 to ½")

Buffle Grass: It is necessary to use lime coated seed.

Example of mixture 4lbs Lucerne, 4lbs Rye, 2lbs Sub. No. 5 These rates are intended to give the operator a guide to the setting on which to start off. It is recommended that the sowing be checked by either of the methods set out below, when a job is started. These sowing rates are for tractor speeds 2 ½ - 3 m.p.h. and unless the speed is altered considerably it is unnecessary to alter the sowing rates a faster speed gives more wire movement, hence more seed.

Rate check: The 7ft box travels approximately 2,000 yards (1800m) to cover one acre, at a constant speed of 2 ½ m.p.h. (4km/h) it takes 24 minutes to cover one acre e.g. If you wish to sow 7lbs (3.2kg) of seed or mixture to the acre, set the cups according to the chart weigh 7 or 14lbs (3.2 or 6.4kg) into the box. The 7lbs (3.2kg) should be gone in 2,000 yards (1800m), the 14lbs (6.4kg) at 4,000 yards (3600m) , at 2-3m.p.h. (3.2- 4.8km/h) by time, these two amounts would take 14 to 45 minutes respectively. Under or oversowing is remedied by increasing or decreasing sowing cup numbers. It is preferable to make a trail on the higher sowing rate and then reduce if necessary.

A stop is marked so that any number of sowing cups can be cut off from sowing or to reduce the width of the box.

A further variation in sowing rates can be achieved by setting on alternative numbers e.g.: 3. 4. 3. 4. 3. etc., or by stopping every second run.

The 'C' Seeder is the only seed box with an individual setting for each band.

The use of two boxes, tandem, is recommended for exceptionally heavy sowing and double capacity.

With the many types of seeds, seed-mixtures and sowing rates in use under varying conditions in Australia, it is not possible to compile a 100 per cent accurate chart of 'C' Seeder sowing rates. Furthermore, the size and degree of purity of seed will also affect the approximate sowing rate quoted herein.

These factors apply to all seed boxes, hence the reason the Distributors of the 'C' Seeder prefer that an operator should make his own quick and simple test. When sowing seed not quoted a comparison of size and character to quoted seed will be a guide to a correct setting.

The MK11 is now available in four standard widths – 4ft, 5ft, 6ft and 7ft thus giving a comprehensive width range from 4ft increasing one foot at a time to 21ft.