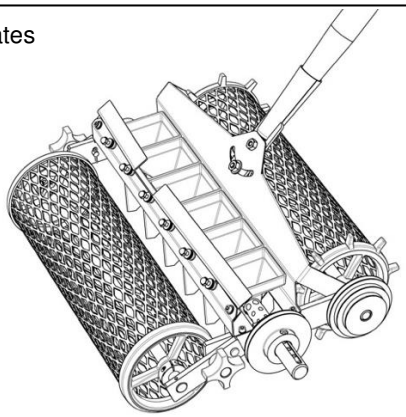
# Six-Row Seeder, 2nd Edition

## Manual for Assembly & Use

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**Materials included:**

- Seeder body
- Hopper cover
- Seed shaft
- 5/32 Allen wrench
- Oiled ashwood handle
- #10 x ¾" wood screw

**Additional materials needed:**

- #1 Phillips screwdriver
- 7/16" wrench

## ASSEMBLY INSTRUCTIONS

The Six-Row Seeder body comes fully assembled, so only requires attachment of its wooden handle before use.

- Insert the tapered handle into the metal ferrule of the seeder body as far as it will go, until it is seated, without forcing it further. DO NOT force the handle into the ferrule, or you could damage your seeder.
- Use a #1 Phillips screwdriver to secure the handle onto the seeder body by inserting the wood screw provided into the predrilled screw hole.

## OPERATION & USE

### Bed preparation

- To facilitate proper seeder function, prepare the seedbed so the soil is relatively smooth, level, and free of debris or crop residue.
- It is also helpful to firm the seedbed with a bed-firming device such as Seedbed Roller before using a precision seeder.
- Before use in sandy soils, it can also be helpful to lightly irrigate the bed.

### Seed sizing and crop recommendations

- The ideal hole size is one that permits the seed to sit loosely at the bottom of the hole, fully below the surface of the seed shaft.
- It is normal for more than one seed to drop per hole, especially if the seed is oblong in shape.
- Choosing an appropriate hole size ensures that your seed will not crack or jam while the seeder is in use.
- The shaft of the Six-Row Seeder offers four seed hole size options, for seeding a variety of different crops. Use the following chart as a general guide to find the hole size for sowing your desired seed.
- A certain amount of experimentation should be expected, to identify the appropriate hole size for a crop. Please take the time to find the hole size that works best for your desired seed variety.

| Hole | Hole Length | Hole Width | Hole Depth | # Holes/ Shaft | Recommended Crops |
|---|---|---|---|---|---|
| A | 3.5mm | 3.5mm | 1mm | 6 | Arugula, Claytonia |
| B | 6mm | 5mm | 2mm | 6 | Carrot (raw), Dill, Hakurei Turnip, Lettuce, Mustard |
| C | 8mm | 6mm | 3mm | 6 | Brassicas, Bunching Onion (raw), Tokyo Bekana |
| D | 10mm | 8mm | 4mm | 6 | Radish, Spinach |

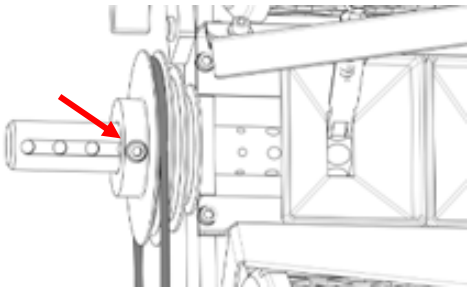
*NOTE: Hole sizes and spacing are approximate.*

### Extended Range Shaft

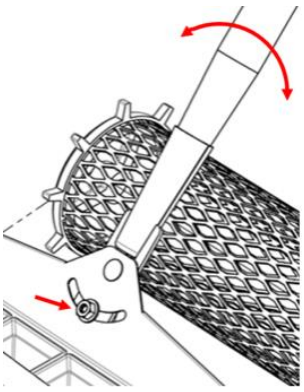
An Extended Range Shaft is also available for the Six-Row Seeder, offering four additional hole sizes, two larger and two smaller than those on the standard shaft.

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## Seeding



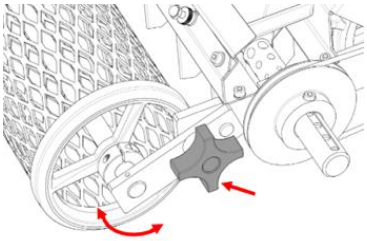
- Slide the shaft into the seeder body so the desired seed hole size is centered inside the hoppers, then secure the pulley to the seed shaft by tightening the set screw inside of the machined notches (see right).
- Fill seed hoppers equally with seed after making any necessary adjustments (see below).
- Push the seeder slowly over a well-prepared seedbed so the wheels are spinning continuously.
- When finished, tip the seeder body forward onto the front wheel so any unused seed slides down the seed funnel, back into the packet or collection container.



## ADJUSTMENTS

**Handle:** To adjust the angle of the handle, loosen the two nuts located at the top center of the seeder body; set the handle to the desired position; and retighten the nuts. The offset handle position allows you to comfortably operate the seeder from the footpaths.

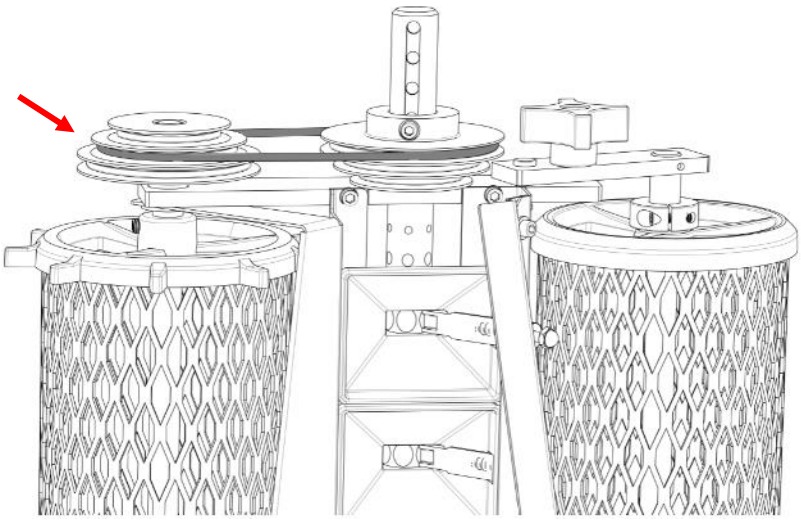
**Seed Brush:** Each hopper is fitted with a brush for moving excess seed away from the seed holes while in use. To narrow or widen the distance between the brush and the seed shaft, tighten or loosen the knurled nut accordingly; a wider gap is helpful for seeding slightly oversized seed or if denser plantings are desired.



**Seeding Depth:** The seeding depth is determined by adjusting the position of the front wheel using the two knobs located at either side of the frame. Simply loosen the knobs, adjust arms so that the front wheel is raised or lowered to the desired position, and retighten.

**In-Row Spacing:** In-row seed spacing is determined by the position of the drive band on the seeder pulleys. Please see the following chart for specific spacing for each drive band position.

| In-Row Spacing | Band Position |
|---|---|
| 1" | Inner pulleys<br>Front: small diameter<br>Rear: large diameter |
| 2.5" | Center pulleys<br>Front: medium diameter<br>Rear: medium diameter |
| 4" | Outer pulleys<br>Front: large diameter<br>Rear: small diameter |



**Row Spacing:** The Six-Row Seeder has six seed hoppers that seed in parallel rows spaced approximately 2.5" apart. A wider row spacing can be achieved by leaving some hoppers empty.

12.02.2023 | JG, RD, ms, ld

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