

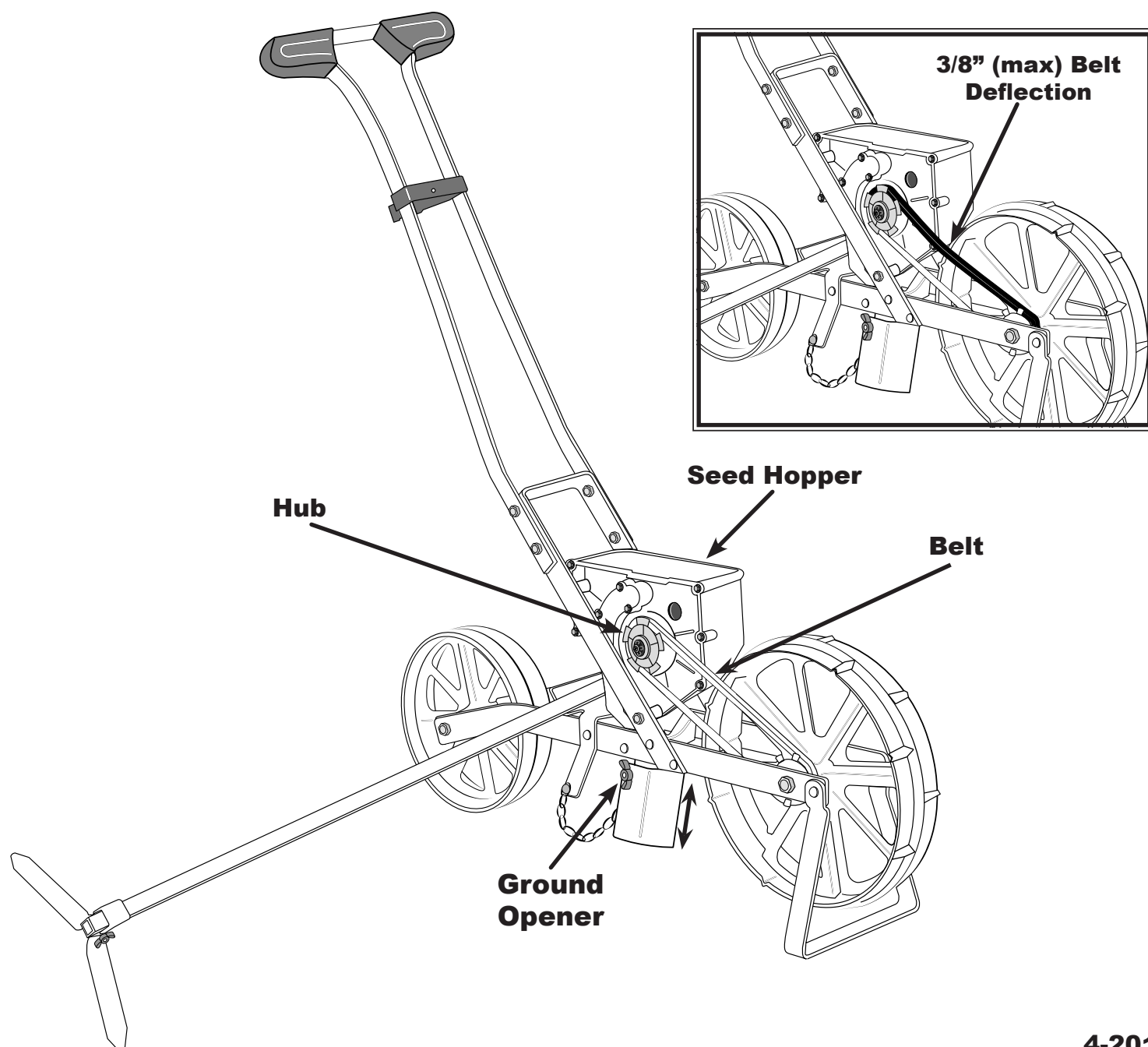
# 1001-B PRECISION GARDEN SEEDER®

## SPRING TUNE-UP Tips

**EarthWay®**  
GARDEN

**Now is the time to evaluate your 1001-B to ensure that it's ready for spring planting. Below are some things to check. If a part is damaged or worn-out, you can purchase repair parts online at [www.earthway.com](http://www.earthway.com)**

1. Check that the **Belt** is tight and doesn't slip - with no more than 3/8" of deflection pushing down on the top of the belt as shown below right.
2. Check to ensure that the **Hub** (the belt attachment at the seed hopper) is tight and turns smoothly.
3. If the seeds stick to the hopper, wash the hopper and seed plates with dish detergent - do not rinse, and allow to dry.
4. Review the seeds that you wish to plant and match up the seed plate for each seed. Some customization with **Bees Wax** may be required to eliminate double seed planting. *See next page for customization tips.*



# SEED PLATE GUIDE

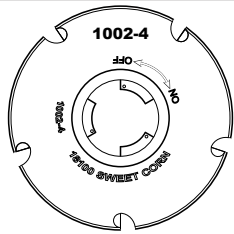
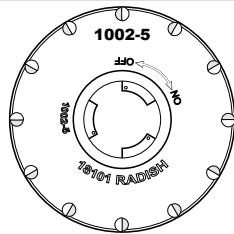
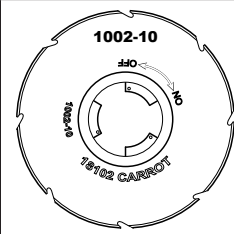
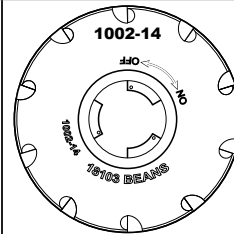
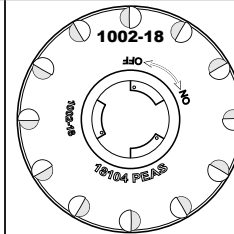
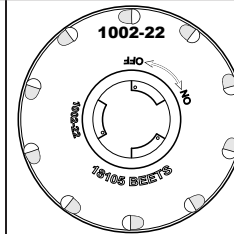
This is a list of all the seed plates currently produced for the 1001-B Precision Garden Seeder.

## Information:

- ☑ The 1001-B Precision Garden Seeder will travel 36"/91.4cm with one revolution of the seed plate.
- ☑ Custom seed fitting can be easily accomplished by partially filling the seed cups of a larger seed plate using bees wax. Spacing changes can be made by filling the seed cup fully with bees wax to get the desired spacing.
- ☑ If you have problems with small seeds getting behind the seed plate, dip the seed plate in soapy water then let air dry. This should solve your problem.

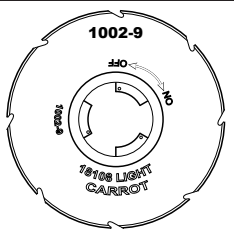
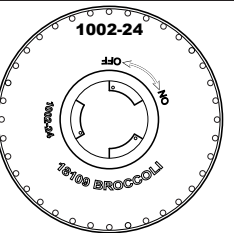
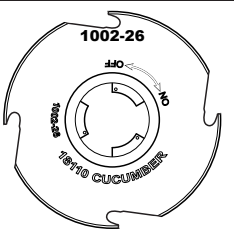
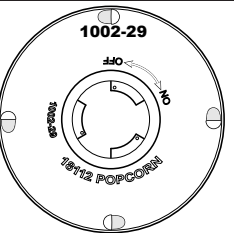
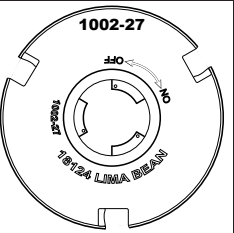
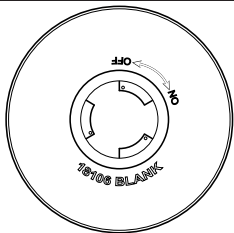
## STANDARD SEED PLATES

Pt. #60009

					
<b>18100 Sweet Corn</b>	<b>18101 Radish</b>	<b>18102 Carrot</b>	<b>18103 Beans</b>	<b>18104 Peas</b>	<b>18105 Beet</b>
7.2" Spacing / 18.3cm	3" Spacing / 7.6cm	4.5" Spacing / 11.4cm	3.6" Spacing / 9.1cm	3" Spacing / 7.6cm	3.6" Spacing / 9.1cm
Will plant most varieties of sweet corn as well as some other larger seed types 0.375" / 9.5mm	Will plant some leek, asparagus, spinach and other fine seeds 0.175" / 4.4mm.	Will plant some lettuce, turnip, endive, cabbage, onions, tomatoes, & other fine seeds 0.125" / 3.2mm.	Will plant some small peas 0.450" / 11.4mm.	Will plant some Jumbo and Early June Peas 0.562" / 14.3mm.	Will plant some Okra, Swiss Chard, and other medium seeds 0.250" / 6.3mm.

## OPTIONAL SEED PLATES

Pt. #60010

					
<b>18108 Light Carrot</b>	<b>18109 Broccoli</b>	<b>18110 Cucumber</b>	<b>18112 Popcorn</b>	<b>18124 Lima Bean</b>	<b>18106 Blank Plate</b>
4.5" Spacing / 11.4cm	1" Spacing / 2.5cm	9" Spacing / 22.9cm	9" Spacing / 22.9cm	12" Spacing / 30.5cm	The blank seed plate allows you to make a custom seed plate with spacing and seed size that you determine.
Will plant light lettuce, turnip, rutabaga, light cabbage, mustard, kale, and other fine seeds 0.150" / 3.8mm.	Will plant mustard, cabbage, cauliflower, turnip, rutabaga, and other fine seeds 0.100" / 2.5mm.	Will plant some pumpkin, gourds, squash, and other flat seeds 0.312" / 8mm.	Will plant medium sized seeds of a size less than 0.250" / 6.3mm.	Will plant peanuts and other large seeds 0.625" / 15.9mm.	<b><u>NOT INCLUDED IN OPTIONAL SEED PLATE SET</u></b>

# Custom seed fitting

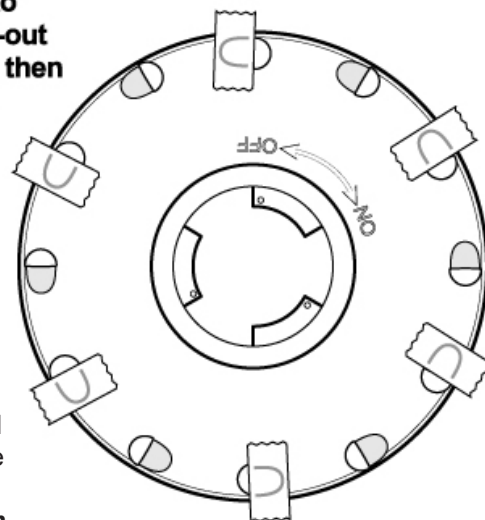
Custom seed fitting can be easily accomplished by partially filling the seed cups of a larger seed plate using bees wax\*. Also, spacing changes can be made by filling the seed cup fully with bees wax to get the desired spacing. \* Bees wax is preferred because of its strength and durability over normal paraffin wax.

When melting bees wax use **EXTREME CAUTION** to prevent burns or fires.



**STEP 1:** On the front face of the seed plate cover each cup with masking tape making sure to press the masking tape down to completely cover and seal the cup and cut-out on the seed plate. Do not fold the masking tape on to the back of the seed plate as it will cause problems in **STEP 5**. Shown at the right.

Use masking tape to cover seed cup & cut-out before filling with wax, then remove the tape.



**STEP 2:** Turn seed plate over. Now on the back of the seed plate, place the selected seed in the center of the cup so that it is stuck to the masking tape (if possible).

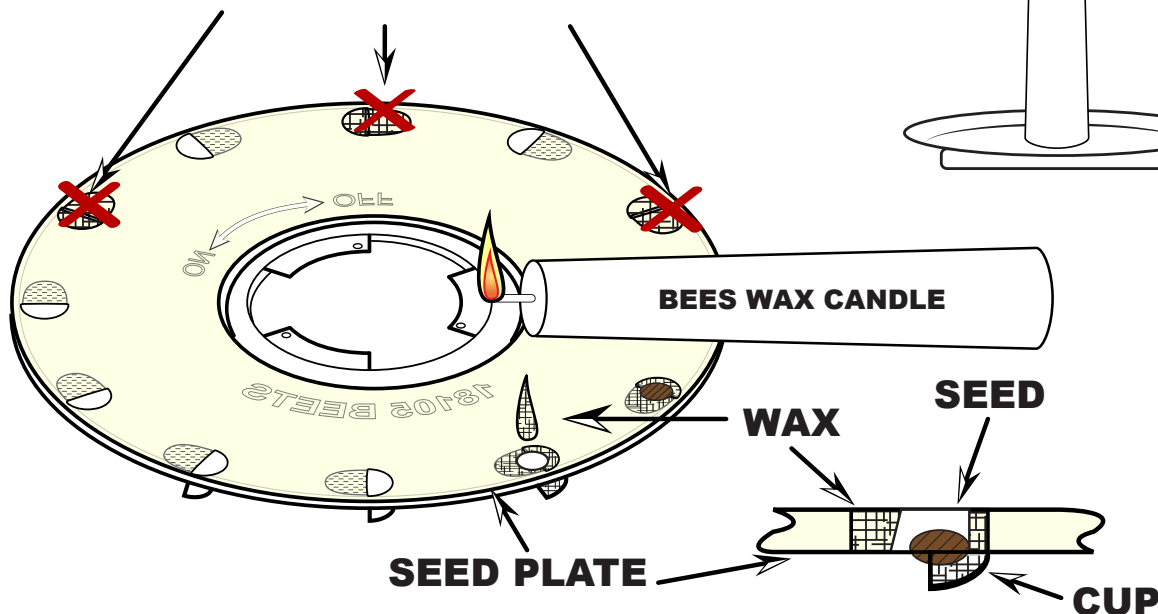
**STEP 3:** Next, carefully drip wax into the cup and cut-out area around the seed until the area is filled level with the top of the seed plate. Repeat on the remaining cups and allow to cool.

**STEP 4:** Remove the seeds from the seed plate cups. Using a knife or pointed object and carefully trim the excess wax from the back of the seed plate, remove any fragments of wax from the hole that was left by the seed. **TIP: Using a all steel stick pin, insert the pin into the eraser on the end of a pencil and then heat the head of the pin over a candle and use to carve by melting the wax.**

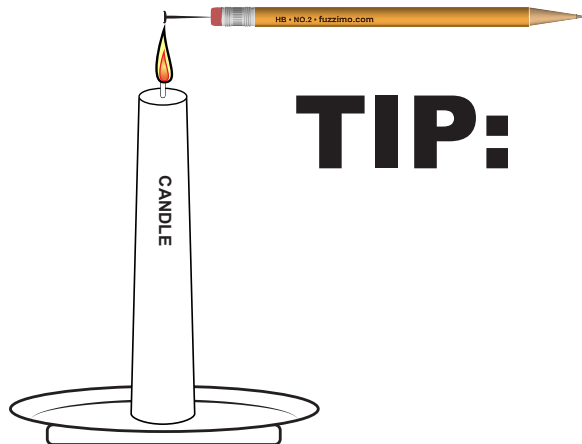
**STEP 5:** Turn seed plate over and place the seed plate on a flat hard surface. Now remove the masking tape from the front of the seed plate cups and remove any wax fragments from the hole that was left by the seed.

## BACKSIDE OF THE SEED PLATE

**TO CHANGE SPACING  
FILL EVERY OTHER CUP  
WITH WAX AND THEN SMOOTH**



**TIP:**



## **Blank seed plate construction:**

The 18106 Blank seed plate can be used to produce a custom plate at home. You will need to be able to use a small file or rotary grinder to “carve” the cups into the plastic plate, or in some cases, use epoxy or auto body filler to create a cup on the blank plate for larger seeds.

**First**, make a hole that is slightly larger than the seed size.

**Next**, prepare the Seed plate for the body filler or epoxy by sanding the area around the hole with 120 grit sand paper to improve the adhesion.

**Now**, make the cup as directed below.

To finalize the custom fit from the previous page, we recommend using melted bee’s wax inside the “cup” to get the perfect seed fit; it’s easier to work with using a heated pin head than it is a small grinder.

If you have any questions, please call 800-294-0671 or email [sales@earthway.com](mailto:sales@earthway.com).

