

Seed Plate Guide



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

- Ø The 1001-B Precision Garden Seeder will travel 36"/91.4cm for one revolution of the seed plate.
- Ø 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.
- Ø 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

18100 Sweet Corn	18101 Radish	18102 Carrot	18103 Beans	18104 Peas	18105 Beet
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, and 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.

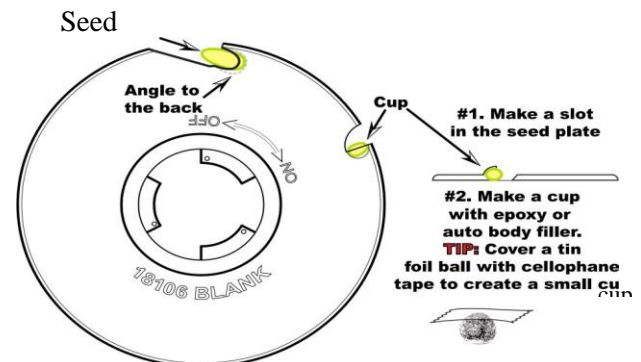
OPTIONAL SEED PLATES PT. #60010

18108 Light Carrot	18109 Broccoli	18110 Cucumber	18112 Popcorn	18124 Lima Bean	<u>18106 BLANK PLATE</u>
4.5" Spacing / 11.4cm	1" Spacing / 2.5cm	9" Spacing / 22.9cm	9" Spacing / 22.9cm	12" Spacing / 30.5cm	
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, sunflower, watermelon, 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.	The blank seed plate allows you to make a custom seed plate with spacing and seed size that you determine. <u>NOT INCLUDED IN OPTIONAL SET</u>

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 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.

If you have any questions, please call 574-848-7491 or email sales@earthway.com.



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.

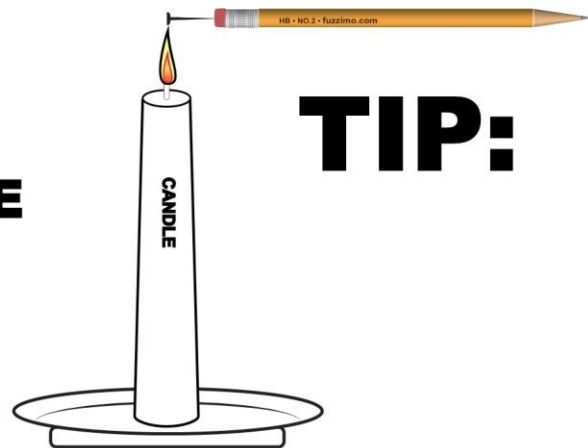
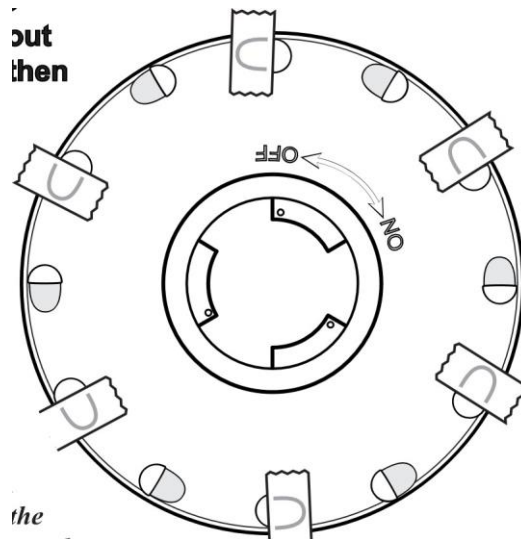
STEP 1: On the front face of the seed plate cover each cup with masking tape making sure to press the masking tape down to completely cover and seal the cup and cut-out before filling with wax, then on the back of the seed plate. Do not fold the masking tape on to the back of the seed plate as it will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

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.

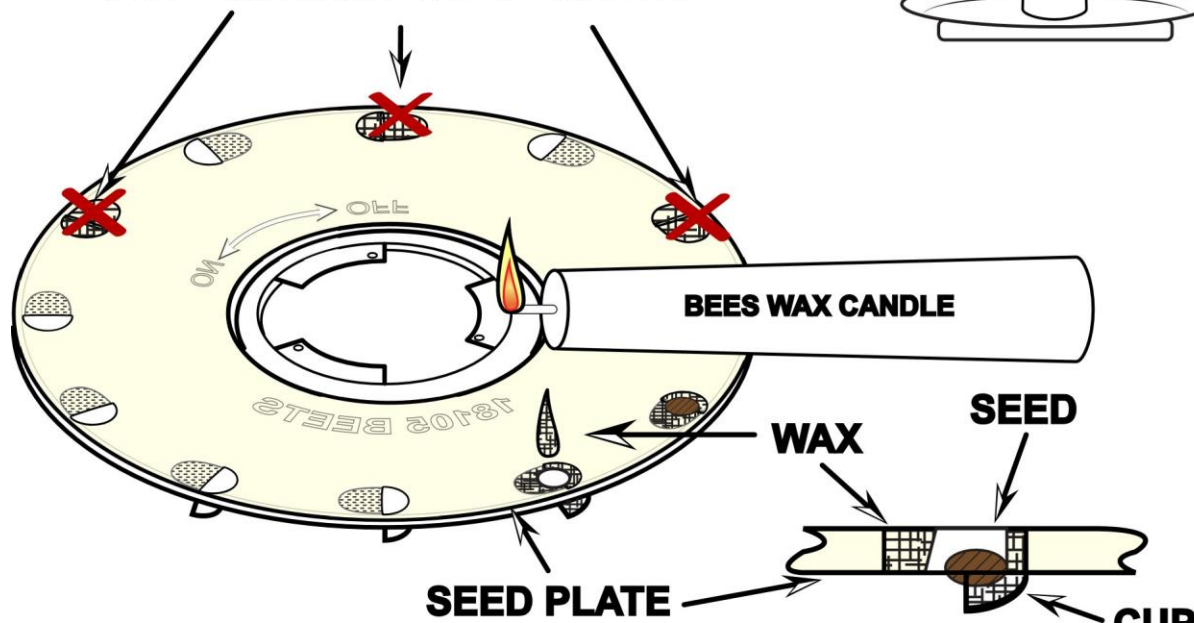
STEP 4: Remove the seeds from the seed plate cups. Using a knife or pointed object and carefully trim the excess wax from the back of the seed plate, remove any fragments of wax from the hole that was left by the seed. TIP: Using a all steel stick pin, insert the pin into the eraser on the end of a pencil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



CUP