

Thank you for your interest in  
Hummingbirds – Jewels of the Sky!

We hope you enjoy making and watching this Hummingbird feeder this spring and summer! Assembly instructions are included below, and you can watch the recorded presentation and find all the notes and handouts online at <https://www.cowlitzcomg.com/workshop-videos#hummingbirds>

Also, please take advantage of the annual Master Gardener Plant Sale! Order online May 9 - 12, and pick up your plants on Saturday, May 15<sup>th</sup>! For more information and plant availability, visit the website at <https://cowlitzcomg.com/plant-sale>

A promotional banner for the Master Gardener Online Plant Sale. The background features a close-up of fresh produce, including a large red tomato, a bunch of carrots, and a wooden handle. In the top left corner, there is a circular logo with a stylized flower and the text "MASTER GARDENER FOUNDATION OF COWLITZ COUNTY". The main text is centered in a white oval and reads: "Master Gardener Online Plant Sale" in green and red, followed by "Order online May 9, 9 am- May 12, 5 pm" in black, and "cowlitzcomg.com/plant-sale" in red. At the bottom of the oval, it says "for plant lists and more information" in black.

**Master Gardener**  
**Online**  
**Plant Sale**  
Order online May 9, 9 am- May 12, 5 pm  
[cowlitzcomg.com/plant-sale](https://cowlitzcomg.com/plant-sale)  
for plant lists and more information

# Hummingbird Feeder and Ant Moat Assembly Instructions

## Materials:

### Feeder -

- 12-16 gage wire cut to three 12 inch long pieces (or longer) – Jewelers wire can be purchased from a craft store, but you could also use garden wire.
- 1 mason jar with ring – shallow jars work best
- 7 mesh plastic canvas (holes are about 0.3mm)

### Ant Moat -

- 12-16 gage wire – See notes above
- 2 inch diameter terra cotta pot – can use any small cup that you can string the wire through
- Indoor/Outdoor mounting putty – We used Tombow Extreme Putty because it is used outdoors and comes in a terra cotta color that happened to match the clay pots

### Tools -

- Needle Nose pliers
- Scissors

### Feeder Assembly:

1. If you are planning to paint or decorate the feeder jar, do so on the exterior only. Allow to dry fully before you assemble the feeder.
2. Wrap one piece of wire around the jar mouth just under the lip below the threads, but don't secure in place yet. You need to be able to put the handle on next and if the wire is tightly bound to the jar it is hard to add on the handle.



3. Bend the ends of a second piece of wire into a J-hook and hook onto either side of the wire that is wrapped around the jar mouth.



4. Twist the ends of the wire around the jar mouth to bind it in place and then twist the J-hooks on the ends of the handle to secure the handle onto the jar.



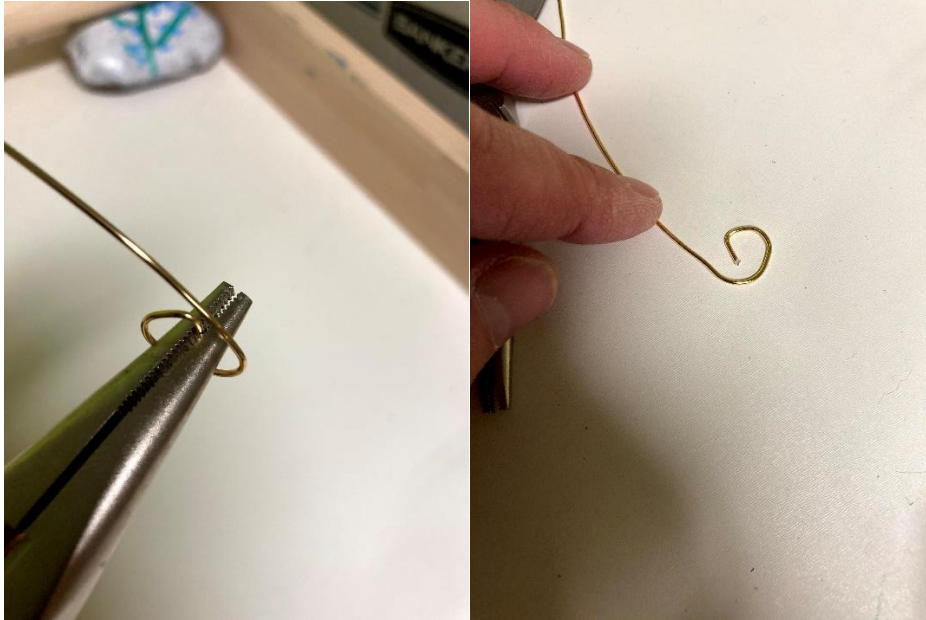
5. Insert the pre-cut piece of plastic canvas into the ring and screw the ring on
  - a. If you are making another later, just trace the ring on a piece of the plastic canvas and cut it out. It should fit snug.



6. Your feeder is ready to fill and place in your yard. Be sure to wipe the surface of the plastic canvas with a clean damp wash cloth or paper towel to remove nectar solution. This should help reduce the number of wasps that come to check it out. Note – because the mouth of this feeder is so wide, the mix may become diluted if it is left in the open during rain.

Ant Moat Assembly – The ant moat is optional. If your bird feeders are prone to ants, or if you just want to add more decoration to the feeder, an ant moat is recommended. If you will paint or decorate the moat, do so prior to assembly. Also, be aware that terra cotta is porous, and will become damp when filled with water. If you prefer to seal the clay, apply sealant to the inside and outside after adding other decorations to the moat, being careful not to seal the hole in the bottom before you have a chance to add the wire hook.

1. Use your pliers to bend one end of the wire into a hook.



2. Move up about an inch above the hook and bend a small platform for your pot to rest on. You can see here it starts small, but in the picture below, you will see that I created a larger spiral platform for the pot to rest on. Get creative! You can shape the wire in all sorts of ways to support your little ant moat and also add decorative flair!



3. Wrap the piece of mounting putty around the wire sitting on the top of the platform



4. Thread the wire up through the bottom of the pot so that the hook is under the pot and the wire is coming straight up out of the pot. Push the pot down firmly on the platform to get the mounting putty in and around the hole in the bottom of the pot. This will seal the hole and allow the pot to hold water.



5. Bend the top of the wire into a second hook.



6. Hook the feeder onto the bottom hook and then hang from the top hook. Fill the moat with water and the feeder with sugar water (1 part sugar, 5 parts water boiled to dissolve the sugar and kill pathogens and cooled before adding to the feeder)



7. Watch for the hummingbirds as they start to find your feeder!