

## INSTALLATION INSTRUCTIONS

# Birds Choice Ground Sleeve and Heavy-Duty Telescoping Pole

### Materials Required for Installation:

- \*Post Hole Digger or Sharp Pointed Shovel
- \*Measuring Tape or Yard Stick
- \*One Gallon of Medium to Large Size Gravel
- \*1- 80# Bag of Concrete Mix
- \*Level
- \*Container for Mixing Concrete
- \*Rope or wire and stakes for guide wires

### Hardware Included:

Ground Sleeve  
Stop Bolt & Nut



Nylon  
lock  
nuts

Base  
plate  
bolt

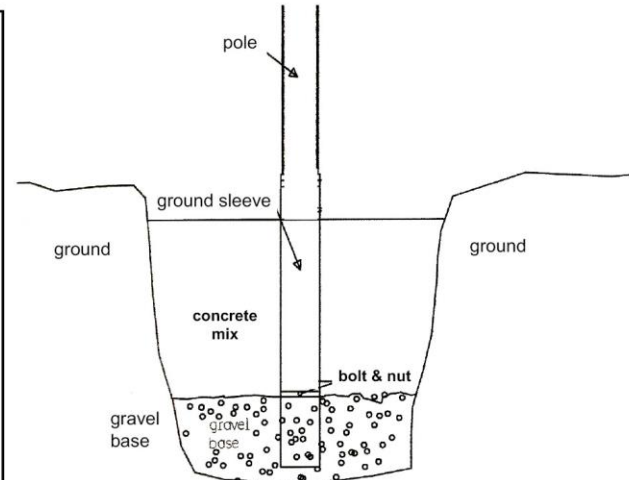
Safety  
Bolts



T-nuts



Thumb  
Screws



### Ground Sleeve Installation Procedure:

1. Locate spot 25 to 40 feet from tall objects such as trees & buildings. Make sure there are no overhead wires that the pole or house can come in contact with. Before digging contact Diggers Hotline 1-800-242-8511.
2. Dig hole approximately 18 - 24" depending on the stability of soil. This depth will place the bottom of the house 11 - 12 ft. from ground.
3. Fill the bottom of hole with 4" of gravel for drainage.
4. Insert the ground sleeve stop bolt through the hole in the sleeve. Turn the nut on the bolt, but do not tighten. Place the ground sleeve in the center of the hole with the stop bolt near the bottom of the hole.
5. Mix the concrete according to the bag directions. Pour the mixed concrete around the sleeve to approximately 1/2" of the top of the ground sleeve. **DO NOT GET CONCRETE INTO THE SLEEVE.**
6. Separate the base pole section (largest-diameter 2.19") from the other two sections. Install a thumb screw (outside of pole) and T-nut (inside of pole) in the hole located approximately 1" from the end of the base section. Note: Do not attempt to install the thumb screw and T-nut after the base section is placed in the ground. It may be lost if dropped inside the pole. Place base section into the sleeve and secure the pole in a plum manner using guide wires or ropes. After the concrete has hardened back fill the remaining hole with ground and pack well.
7. Install a thumb screw and thumb screw T-nut in the hole located approximately 1" from the end of the middle (1.90" diameter) section.
8. Insert the middle section with the end opposite the thumb screw into the base section. Temporarily tighten the base section thumb screw
9. Insert the top section (1.60" diameter) with the end opposite the T-nut hole into the middle section. Temporarily tighten the middle section thumb screw.
10. Install the house on the top section using the base plate holes and the supplied bolt and nylon locknut. With installation complete, the pole now needs to be raised and locked in the fully extended position.

*Always wear gloves when raising and lowering the pole. When raising and lowering the house, always hold the upper pole section with one hand while adjusting the tension of the thumb screw with the other hand. Lift the top section up past the safety bolt hole in the middle section. Temporarily tighten the thumb screw to hold the top section. Insert the safety bolt through the safety bolt hole of the middle section. Gently lower the top section to rest on the safety bolt of the middle section. Now turn the house in the preferred direction and tighten the thumb screw. Follow the same procedure to raise and lower the middle section.*