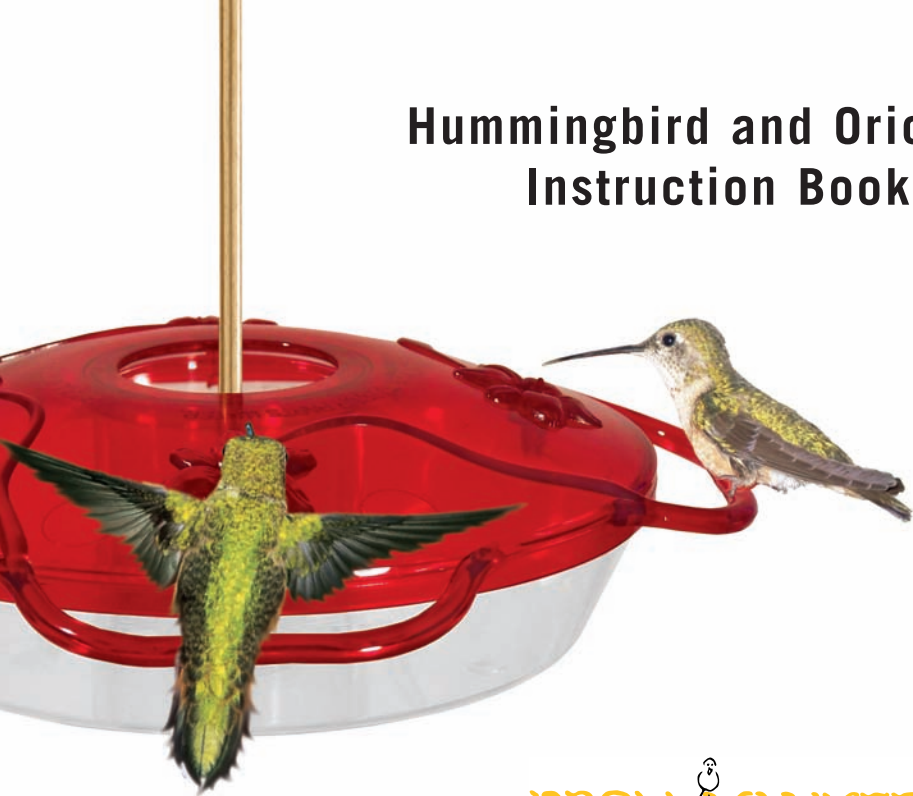


Hummingbird and Oriole Instruction Booklet



DROLL YANKEES®

The World's Best Bird Feeders®

Since 1969

Congratulations! You now own one of **The World's Best Bird Feeders!**

Droll Yankees feeders are known for excellence of design and features. We strive to make products that are good for the birds and easy to fill and clean.

Your new hummingbird feeder is BPA free. BPA is a chemical contained in plastics used in most hummingbird feeders. Scientists feel it could be harmful for people and animals. We don't want to risk harming hummers so we use plastic that does not contain BPA.



Nectar Guard® Tips are included with each hummingbird feeder to block flying insects and many crawling insects from contaminating the nectar. Allow a few days for your hummers to acclimate to your new feeder. If insects are a problem, install the Nectar Guard Tips by pushing them onto the flower port stems that extend into the dish of the feeder. Take care when washing the tips to avoid tearing them. Replace them every year or sooner, if necessary. Ask for them at your favorite Droll Yankees retailer.

Model NGT. (Nectar Guard Tips are not covered under the warranty.)



Lifetime Warranty: Droll Yankees will replace any defective part, free of charge, for as long as you own your Droll Yankees feeder. This warranty does not extend to normal wear and tear or damage through neglect, accident or misuse.

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FEEDING HUMMINGBIRDS

PLACEMENT

With choices of hanging, pole mounting or window mounting, you can put a Droll Yankees hummingbird feeder anywhere. Attracted by flowers, hummers have been known to visit penthouse gardens.

Hummingbirds have a notorious affinity for the color red. That's why red is used so predominantly on hummingbird feeders. Tying a red ribbon on your feeder that will move in the wind is one way to get their attention. Or, position your feeder within inches of a hanging plant that is attractive to hummers where they'll practically trip over the feeder. Once the hummers recognize the feeder as a food source, you can place it most anywhere.

Hummers are attracted by a wide variety of flowers. Some favorites are: Agastache (many), American columbine, bee balm, bugleweed, butterfly milkweed, coral bean, coralberry, fuchsia, hibiscus, hollyhock, larkspur, lemon bottlebrush, mimosa tree, evening primrose, penstemon (many), red buckeye, red impatiens, salvia (many), sage tiger lily, trumpet honeysuckle, trumpet vine, weigela and zinnia.

Hummers like a place to perch and rest, so try to place your feeder near a bush or tree. If an aggressive hummer tries to dominate your feeder, place another feeder out of sight of the first.

WHEN TO FEED

Contact your local Audubon Society to find out when hummers arrive in your area. Put your feeders out one week before they are expected. Leave your feeders up at least one week after you've seen the last hummer. You might attract migrants passing through.

HUMMER NECTAR

In the natural world, hummers feed on a combination of flower nectar and insects. Flower nectar is a simple chemical solution of sugar and water. Hummers seem to like sucrose best – table sugar – and it is the most digestible. Making your own nectar ensures that there are no preservatives or food coloring. Using tap water will add electrolytes if your water is hard. If it is soft, add just a pinch of salt to a quart of nectar. Too much salt and the hummers won't drink it.

Make your own mixture by bringing 4 parts water to a boil and add 1 part sugar. Stir until dissolved and cool before filling the feeder. The solution will keep in the refrigerator for up to two weeks. Making your own nectar is easy and often superior to using packaged mixes. Our experience has shown that the hummers prefer homemade sugar water.

Please don't use food coloring, honey, brown sugar or sugar substitutes, as they can be harmful to hummers.



CLEANING

Clean your feeders at least twice a week. Hummers can get sick from molds that may grow in dirty feeders. The soft bristles of our **HummerPlus Brush (HUM)** will easily clean the interior curves of the feeders. The **Hummer Port Brush (PLB)**, included with each feeder, is the perfect size to clean the flower ports. Use a 50/50 mixture of white vinegar and water to sanitize and shine your feeders. Rinse feeders thoroughly before refilling with sugar water.

ESSENTIAL ACCESSORIES



HUM – HummerPlus® Brush
9" long including handle



PLB – Perfect Little Brushes
Package of 3 Hummer Port Brushes

Replacements for the Hummer Port Brush that is included with all Droll Yankees hummingbird feeders.

ESSENTIAL ACCESSORIES

FGP 46" Flower Garden Pole

Includes adapter to attach feeder to pole

Positions your feeder at flower level



NGT Nectar Guard® Tips

Package of 12 replacement tips



SL Suet Link

Screws into LF-4, NN-HM, H8-2, NN-OR to hang one feeder from another.



ADPT 1" Pole Adapter

Screws into LF-4, NN-HM, H8-2, NN-OR to mount on a 1" diameter pole.



5 lb. Bag of Sugar

Makes 10 quarts of nectar.

Table sugar (sucrose) makes nectar that is the closest to flower nectar and is the most digestible.

Ask for these products at your favorite retailer.

Go to www.drolleyankees.com or www.justfeedbirds.com for more information.

FASCINATING FACTS

- Besides nectar, hummingbirds consume protein in the form of insects which they find inside flowers, on plants and in trees, in spider webs and in midair as they travel through your yard. Consider that when using pesticides in your yard and gardens. Hummers also drink water.
- Hummers feed 5-8 times an hour.
- Hummers have the greatest energy output, gram for gram, of any known warm-blooded animal. If your sugar water freezes, replace it immediately (even at dawn). They rely on established food supplies.
- A hummingbird's wings can beat 200 times per second during courtship!
- A hummingbird's tongue is roughly twice the length of its beak. It laps the nectar. (Approximately 13 laps per second!)
- The Bee Hummingbird is the smallest hummingbird in the world at 2" long, weighing $\frac{1}{15}$ of an ounce!



Under no circumstance should insecticides or other poisons be used at hummingbird feeders.

WINDOW HUMMER 3 Model WH-3

Features:

- Suction cup bar
- Perch rim
- Filler cap
- 2 Flower ports
- Hummer Port Brush
- 2 Nectar Guard® Tips



For reliable attachment of the **suction cup**

1. Clean the window
2. Rub suction cups to make them warm and flexible
3. Rub finger on side of nose to gather skin oil and rub on cups
4. Press **suction cup bar** with the cups against the window, expelling air from cups
5. Hang the feeder, engaging tab on the bar in the slot on back of feeder

If possible, place your WH-3 on a window that isn't in full sun, to slow the growth of mold. You don't have to limit yourself to first floor windows. Hummers have visited penthouse terraces, attracted by flowers.

The hummers will use the **perch rim** to rest. The clear **filler cap** opens with a quarter turn for quick and easy refills and cleaning. You can easily wash inside with the **HummerPlus Brush** or another cleaning device. Use the enclosed **Hummer Port Brush** to clean inside the flower ports, being careful not to damage the Nectar Guard Tips.

Fill your feeder to just above the perch rim.

LITTLE FLYER 4 Model LF-4

Features:

- Built-in ant moat
- 4 flower ports with perches
- 4 Nectar Guard® Tips
- Snap fit cover
- Hummer Port Brush
- Hang or Pole Mount



Your new **LF-4** hummingbird feeder was designed for you and your hummers. The **built-in ant moat** provides protection from crawling insects when the feeder is hung. **Nectar Guard Tips** prevent flying insects from spoiling the nectar. **Individual perches** on the snap fit cover welcome hummers to linger and rest. **Flower ports** can be thoroughly cleaned with the **Hummer Port Brush**. Just be careful not to damage the Nectar Guard Tips when cleaning. Your feeder includes a **brass rod for hanging** and a **threaded base for mounting** on a pole.

Fill your feeder dish with nectar, snap on the cover and enjoy.

Hummers don't like ants in their nectar. When ants are a problem, fill the ant moat with water to create a barrier between the ants and your hanging feeder.

HAPPY EIGHT 2 Model H8-2

Features:

Perch ring

Filler cap

Snap fit cover

8 Removable flower ports

8 Nectar Guard® Tips

Hummer Port Brush

Hang or pole mount



Your large capacity **H8-2** feeder has a **full perch ring** to give hummers the option of resting while feeding. Slide the **red filler cap** up the rod to quickly top off the feeder between cleanings. Do not fill higher than the top of the dish. The **snap fit cover** makes thorough cleaning easy. When separating the cover from the dish do not apply pressure on the perch ring. **Remove the flowers** to clean under them and use the enclosed **Hummer Port Brush** to clean inside them, being careful not to damage the **Nectar Guard Tips**.

The Happy Eight 2 can be hung by the brass rod or it can be mounted on top of a pole using our **1" Pole Adapter (ADPT)**.

ORGANIZATIONS THAT STUDY AND SUPPORT HUMMINGBIRDS

Hummer/Bird Study Group

P.O. Box 250 Clay, AL 35048-0250
phone: 205 681-2888 fax: 205 681-1339
www.hummingbirdsplus.org HummerBSG@aol.com

The Hummingbird Society

6560 Highway 179 Suite 204
Sedona, AZ 86351
phone/fax: 800 529-3699
www.hummingbirdsociety.org

Operation RubyThroat: The Hummingbird Project

Hilton Pond Center for Piedmont Natural History
1432 DeVinney Road York, SC 29745
phone: 803 684-5852
www.rubythroat.org

Southeastern Arizona Bird Observatory

Bisbee, Arizona
www.sabo.org hummingbirds@sabo.org



A portion of the proceeds from the sale of this product will be donated to causes that support wild birds and their habitats.

ENJOY SOME GREAT BOOKS ON HUMMERS

The World of the Hummingbird by Robert Burton (2001)

Hummingbirds by C.H. Greenewalt (1960)

The Hummingbirds of North America by P.A. Johnsgard (1997, 2nd edition)

The Secret Lives of Hummingbirds by David Wentworth Lazaroff (1999)

Hummingbird Gardens: Attracting Nature's Jewels to Your Backyard by N. Newfield and B. Nielsen (1996)

Attracting Hummingbirds and Butterflies to Your Backyard: Watch your Garden Come Alive with Beauty on the Wing by Sally Roth (2001)

The Life of the Hummingbird by A.F. Skutch (1973)

Stokes Oriole Book: The Complete Guide to Attracting, Identifying and Enjoying Orioles by Donald Stokes and Lillian Stokes (2000)

The Hummingbird Book: The Complete Guide to Attracting, Identifying, and Enjoying Hummingbirds by D. and L. Stokes (1989)

Hummingbirds: Their Life and Behavior by E.Q. and R.A. Tyrrell (1985)

Attracting and Feeding Hummingbirds by Sheri Williamson (2002)

A Field Guide to Hummingbirds of North America by Sheri Williamson (2001)

Droll Yankees Inc.
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Plainfield, CT 06374
www.drollyankees.com
www.justfeedbirds.com

Droll Yankees has a complete line of bird feeders and accessories for your enjoyment. To see all of our products, and to locate retailers in your area, visit our websites.



Just Feed Birds and...

Make a World of Difference.



It's true. Because when you feed birds, you help more baby birds survive. More birds will eat more insects, so you'll need fewer chemicals to control them. And using fewer chemicals makes the environment healthier for you, your children, your pets, our water supply... and wild birds.

**We can make a world of difference,
one bird feeder at a time.**