

8845-48

## Bag•a•Bug® Japanese Beetle Trap Dual Lure

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#### FLORAL LURE

Active Ingredients:  
Phenylethyl Propionate (PEP) ... 13.4%  
Geraniol ..... 13.4%  
Eugenol ..... 31.3%  
Inert Ingredients ..... 41.9%

#### SEX LURE

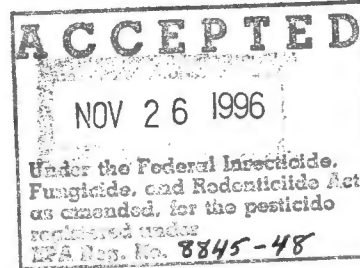
Active Ingredient:  
(R,Z)-5-(1-Decenyl) dihydro-2-  
(3H)-furanone ..... 0.13%  
Inert Ingredients: ..... 99.87%

KEEP OUT OF REACH OF CHILDREN  
CAUTION

Read Directions and Precautionary Statements in carton before use.

EPA Reg. No. 8845-48 EPA Est. No. 9688-MO-1

FN: K48-REG.4 © 1996



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# BAG-A-BUG<sup>®</sup> Japanese Beetle Trap

## DIRECTIONS FOR ASSEMBLY AND USE

### GENERAL INFORMATION

#### HABITAT

The Japanese beetle is a major insect pest found throughout the eastern United States. The adult beetle infests and destroys over 300 species of plants including fruits, vegetables and flowers as well as a wide variety of valuable ornamental trees and shrubs.

#### LIFE CYCLE

In early summer, when female beetles first emerge from the ground, they are immediately ready for mating. As each female emerges she gives off an extremely small amount of a distinctive scent. This sex attractant is carried downwind until it is picked up by male beetles who then follow it upwind to locate and mate with her.

After mating, female beetles lay their eggs in lawns and grassy areas. Shortly thereafter grubs hatch in the soil and pass through several larval stages throughout the remaining summer months. During this period the grubs may cause extensive damage by feeding on the roots of turf and valuable plants. This damage is usually noticed as large brown spots in lawns and wilted plant life. With the approach of winter, the grubs dig down below the frost line. The following year adult beetles emerge from lawns in early summer to mate, feed and continue their destructive life cycle.

#### DUAL FLORAL AND SEX LURE

Use of the Japanese beetle's natural sex attractant for trapping is an ideal method to aid in the control of the insect through its own natural biology. It provides a means compatible with the environment and also helps avoid the indiscriminate use of harmful chemicals. The natural sex attractant, when used together with a proven floral lure, can attract from two to five times as many beetles as the commonly available floral lure alone.

This dual lure uses the latest in controlled release technology for maximum drawing power and convenience to the user. An exact copy of the natural sex attractant is contained in a controlled release unit with a release rate that approximates that of the female beetle. Also included is a proven floral lure. Together, both lures provide a normal season's supply of the most effective Japanese beetle lure system available on the market today.

#### NUMBER OF TRAPS NEEDED

For maximum effectiveness, use the number of traps below:

# of Traps	Size of Use Area
1	Less than 1/8 acre
2	1/8 to 1/4 acre
3	1/4 to 1/2 acre
4	1/2 acre
*	Over 1/2 acre

\* 1 trap every 150 to 200 feet along perimeter

**STOP. READ ENTIRE LABEL BEFORE USE.**

#### DIRECTION FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

#### TRAP ASSEMBLY/OPERATION

1. Slide the vanes together so slots interlock.

#### 2. LURE ATTACHMENT

Peel the cover from the dual lure system. Mount the opened lure between the yellow vanes by inserting the notched corners through the vane assembly slots as shown in Figure 1. Make sure that the exposed side is facing INWARD and snap into place. Bend the tab on top slightly inward for protection from the rain.

#### 3. BAG ATTACHMENT

Attach one of the disposable trap bags onto the yellow vane assembly as shown in Figure 2. Gently push a small slit on the open end of the bag over each of the hooks on the vanes. Be careful not to tear or stretch the slits. Drop a few small pebbles into the bag to stabilize the trap.

#### 4. HANGER ATTACHMENT

Insert about 3" of the green trap hanger tie through the two holes in the top of the vane assembly as shown in Figure 3. Twist the tie to secure the trap.

(Continued on reverse side)

## 5. TRAP PLACEMENT

To be most effective, the trap should be located about 30 feet downwind of foliage to intercept beetles heading toward it. **Do not place the trap near or in the foliage** as it will attract more beetles into it (see Figure 4).

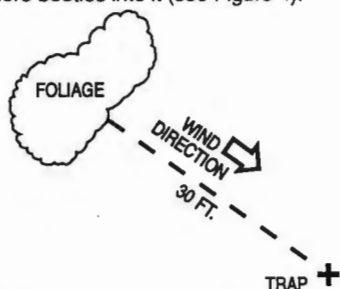


Figure 1

Hang the trap by its green hanger tie from a Bag-a-Bug KwikStand™ (sold separately) or any convenient post or stake. The bottom of the bag should be at least a foot above the ground, and the trap free to move in the wind without hitting any obstructions (see Figure 5). The trap should be hung where it is inaccessible to small children.

## 6. PERIODICALLY CHECK TRAP

The majority of beetles will be caught during their high-est flight activity period. This is normally on sunny days with temperatures between 70°-95°F and from about 10:00 a.m. to 3:30 p.m.

Check the bag occasionally and replace it when the lower portion becomes full of beetles.

Change the bags every four to five days to avoid the possibility of repelling beetles due to odor of dead beetles. Inspect the bag after rainstorms. If the drain holes along the bottom of the bag become clogged, gently clear them using a toothpick or pencil point or replace bag.

**NOTE: Remove trap to a protected area during heavy rain or wind.**

## 7. DISPOSE OF BAG WHEN FULL

Seal the filled bags by knotting the top funnel portion. Under normal circumstances, the beetles trapped in the bag will die after several hours in the heat and sun. Bags containing dead beetles should be promptly placed in the trash. Live beetles can be killed by leaving sealed bags in the sun for a while before disposal.

**IMPORTANT: Make sure beetles are dead before disposal.**



Figure 2

## 8. LURE DISPOSAL AND REPLACEMENT

For maximum effectiveness, trap use should begin as early in the season as possible, as sexual activity of the Japanese beetle is greatest in June in Southern states and July in Northern states. Under ordinary weather conditions, the combination lure should be effective for about twelve weeks. It should be replaced after this period or when its floral aroma is no longer readily noticeable.

**NOTE: If the lure system appears to lose its effectiveness too quickly, this may be due to a repellent odor from dead beetles. See Step 6 under TRAP USE above.**

## 9. PROBLEMS THAT MAY OCCUR

- LURE NO LONGER ATTRACTS BEETLES**
  - Few beetles in area
  - Repellent effect of dead beetles. See Step 6.
  - Dual lure is unopened or uninstalled.
- BEETLES EATING FOLIAGE/FLOWERS AFTER SETTING TRAP**
  - Remove trap from immediate vicinity of foliage. See Step 5.
- BEETLES ESCAPING THROUGH BAGS**
  - Animal Damage  
Bags are often attacked and damaged at night by nocturnal animals (skunks, cats, etc.). Replace damaged bag. Bring trap inside each night to prevent future damage.

Replacement bags and lures are available.

## STORAGE AND DISPOSAL

Store in a cool dry place until used. Do not contaminate water, food or feed by storage or disposal.

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**CAUTION:** Avoid contact of floral lure contents with skin and eyes. Wash hands thoroughly with soap and water after handling. If irritation occurs, seek medical attention.

**NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.**

Questions or comments? Call 800-332-5553

MADE IN THE USA for  
Spectrum Group, Division of United Industries Corporation  
P.O. Box 15842, St. Louis, MO 63114-0842

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Bag-a-Bug® Japanese Beetle Trap box

# Bag-a-Bug Japanese Beetle Trap

# Bag-a-Bug Japanese Beetle Trap

- Traps over a 5,000 sq. ft. area
- Draws Japanese beetles into the trap away from valuable ornamentals, flowers and shrubs.
  - Helps to protect roses, grapes, fruit trees and vegetables
- Attracts, but does not kill Japanese Beetles
  - Not known to harm beneficial insects
  - Will last for the entire beetle season
  - Traps beetles, protects your yard

TRAPS 5 TIMES MORE BEETLES THAN SINGLE LURE TRAPS  
BEETLES STRIKE VANE, FALL INTO BAG, THEN DIE

**DUAL LURE:** Attracts both male and female beetles  
**DISPOSABLE BAG:** Prevents messy clean up

- Contents:
- One set of inter-locking vanes.
  - One hang tie.
  - Two trap bags.
  - One dual lure system.

*Bag-a-Bug KwikStand™, Replacement Bags and Lures are available.*

**BEFORE USING READ ENTIRE DIRECTIONS ENCLOSED.**

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Questions or comments? Call toll free 800-332-5553 weekdays 9-5 Central Time.

INGREDIENTS: SEX-LURE — Active Ingredient: (R,Z)-5-(1-Decenyl) dihydro-2-(3H)-furanone 0.13%. Inert Ingredients: 99.87%. Net Weight: 0.026 oz. FLORAL LURE — Active Ingredients: Phenylethyl Propionate 13.4%, Geraniol 13.4%, Eugenol 31.3%. Inert Ingredients: 41.9%. Net Weight: 0.27 oz.

KEEP OUT OF REACH OF CHILDREN

## CAUTION

See back panel for additional precautionary statements



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