

Bag-a-Bug® Japanese Beetle Trap box

Bag-a-Bug Japanese Beetle Trap

- Traps over a 5,000 sq. ft. area
- Draws Japanese beetles away from valuable ornamentals, flowers, and shrubs into the trap
 - 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

Geraniol

INGREDIENTS-SEX LURE—Active Ingredient (R,Z)-5-(1-Decenyl) dihydro-2-(3H)-furanone 0.3%. Inert ingredients: 99.87%. Net Weight: 0.026 oz. FLORAL LURE—Active Ingredients: Phenylethyl Propanoate 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

Bag-a-Bug Japanese Beetle Trap

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 combination lure.

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

BEFORE USING READ ENTIRE DIRECTIONS ENCLOSED.

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.

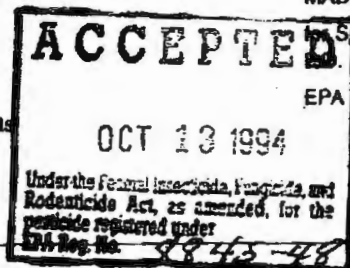
NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

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

MADE IN THE USA

Spectrum Group, Division of United Industries Corp.
Box 15842, St. Louis, MO 63114-0842

EPA REG. NO. B845-48 EPA EST. NO. 9688-MO-1 Form: A3/REG ©1994



Pheromone
8845-48

BAG-A-BUG[®] 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 suggested number of traps below:

Suggested # 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 pack. Mount the opened lure pack 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

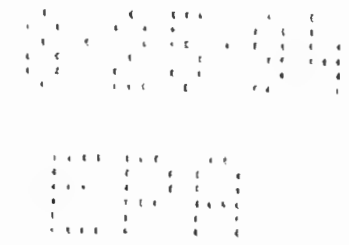
Insert about 3" of the green trap hanger tie through the two holes in the top of the vane assembly as shown in Figure 3. Twist the tie to secure the trap.

(Continued on reverse side)

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Bag•a•Bug® Japanese Beetle Trap Dual Lure



Bag•a• Bug Japanese Beetle Trap Dual Lure

FLORAL LURE

Active Ingredients:

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

SEX LURE

Contains 1 mg of the Active Ingredient (R,Z)-S-(1-Decenyl) dihydro-2-(3H)-furanone in a controlled release dispenser.

KEEP OUT OF REACH OF CHILDREN

CAUTION

Read Directions and Precautionary Statements in carton before use.

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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).

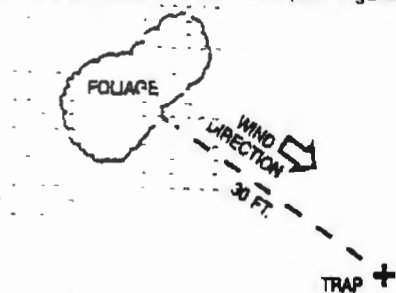


Figure 1

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.



Figure 2

6. PERIODICALLY CHECK TRAP

The majority of beetles will be caught during their highest 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.

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. See Step 5 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. Wrap lure and discard in trash.

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.

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EPA EST. NO. 9688-MO-1

OCT 13 1994

Ms. William H. Metzger
Spectrum Group
Division of United Industries Corp.
P. O. Box 15842
St. Louis, MO 63114

Dear Mr. Metzger:

Subject: Bag-A Bug Japanese Beetle Trap
EPA No. 8845-48
Your submission of August 25, 1994

Your revised labeling and Confidential Statement of Formula to incorporate dual lure pack amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A) is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

Phil Hutton, PM-18
Insecticide-Rodenticide Branch
Registration Division (7505C)