

APPLICATION METHODS FOR DARKLING BEETLE CONTROL



There are two options for applying insecticides to control darkling beetles.

Whole House Application

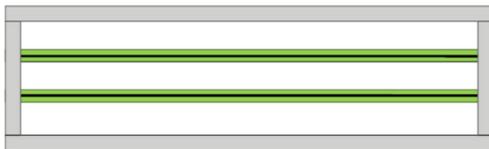
When the beetle infestation is severe, the entire house may need to be treated. In this situation, insecticide should be applied as a broadcast treatment to the litter covering the entire floor, as well as to the lower 1 - 2 feet of the perimeter walls.



■ Bottom 1 - 2 feet of the walls ■ House floor

Band Application

Since darkling beetles tend to concentrate in certain areas of houses, it's often unnecessary to treat the whole house. Instead, insecticides can be applied under feed lines and along the perimeter walls. For example, 3-foot wide "bands" of litter under all feed lines and at the bases of the side and end walls.



■ • 3 foot wide "bands" of litter at the base of all the walls
■ 3 foot wide "bands" of litter under all feed lines

Regardless of which method you use, be sure to measure the actual area (square feet) to be treated in order to determine the right amount of product to apply.

Here are sample area calculations for these two application methods, and how to determine the amount of product (Tekko® 10 in this example) to apply using each method.

WHOLE HOUSE APPLICATION

Do the Calculation

- House dimensions: 500 ft. LONG X 40 ft. WIDE
- Height to treat on walls = 1 ft.
- Length of walls = (2 X 500 ft.) + (2 x 40 ft.) = 1,080 ft
- Floor Area to treat = 500 ft. X 40 ft. = 20,000 ft.²
- Wall Area to treat = 1,080 ft. X 1 ft. high = 1,080 ft.²
- Total Area to treat = 20,000 ft.² + 1,080 ft.² = 21,080 ft.²
- Tekko 10 application rate = 3 fluid ounces / 1,000 ft.²
- Tekko 10 needed = 21,080 ft.² X 3 fl. oz. / 1,000 ft.² = 64 fl. oz.

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BAND APPLICATION

Do the Calculation

- House dimensions: 500 ft. LONG X 40 ft. WIDE
- "Band" width = 3 ft.
- Number of feed lines = 2
- Length of walls = (2 X 500 ft.) + (2 x 40 ft.) = 1,080 ft.
- Area under feedlines to treat = 500 ft. X 3 ft. X 2 = 3,000 ft.²
- Area along walls to treat = 1,080 ft. X 3 ft. = 3,240 ft.²
- Total Area to treat = 3,000 ft.² + 3,240 ft.² = 6,240 ft.²
- Tekko 10 application rate = 3 fluid ounces / 1,000 ft.²
- Tekko 10 needed = 6,240 ft.² X 3 fl. oz. / 1,000 ft.² = 19 fl. oz.

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