Calculating the Broadcast Equivalent Application Rate

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In the "Select the Product Name" field, select the name of the pesticide product.

In the "Enter the Planted area size" field, enter the acreage where the commodity was planted.

In the "Enter the Application bock size" field, enter the acreage of the entire block size.

In the "Enter the Center-to-center distance" field, enter the distance in inches from the center of the raised bed or strip to the next one.

In the "Enter the Bottom width distance" field, enter the distance in inches of the bottom width of the raised bed or stip.

In the "Enter the Product application rate", enter the product application rate in gallons per acre stated in the product label.

The "Product application rate" in pounds per acre is calculated by multiplying the product application rate times the product density.

The "1,3-D Application rate" in pounds per acre is calculated by multiplying the product application rate times the percentage of 1,3-D times the product density.

The "Chloropicrin application rate" in pounds per acre is calculated by multiplying the product application rate times the percentage of chloropicrin times the product density.

The "Treated area size" in acres is calculated by multiplying the planted area size times the bottom width of the raised bed or strip divided by the center-to-center distance.

The "Total amount of 1,3-D used" in pounds is calculated by multiplying the 1,3-D application rate times the treated area.

The "Total amount of chloropicrin used" in pounds is calculated by multiplying chloropicrin application rate times the treated area.

The "Total amount of product used" in gallons is calculated by multiplying product application rate times the treated area.

The "1,3-D broadcast equivalent" application rate in pounds per acre is calculated by dividing the total amount of 1,3-D used by the planted area.

The "Chloropicrin broadcast equivalent" application rate in pounds per acre is calculated by dividing the total amount of chloropicrin used by the planted area.