Small Acreage Pesticide Calculation Worksheet

1. **Field area to be treated:** [ ] x [ ] = [ ] ft²

   Width in feet   Length in feet   Area to be treated

   Or area determined by mapping program [ ] ft²

   Convert to acres: [ ] ft² / [43,560] ft² per acre = [ ] acres

   Area to be treated   Acres to be treated

2. **Determine the amount of product needed for the area to be treated:**

   [ ] x [ ] = [ ]

   Rate per acre from label   Acres to be treated   Product needed

3. **Determine the amount of water needed to treat the field:**

   Calibration area: [ ] x [ ] = [ ] ft²

   Width in feet   Length in feet   Calibration area

   [ ] X 43,560 ft² / [ ] = [ ]

   Water used to cover calibration area   Calibration area   Water needed to treat 1 acre

   (Units used for calibration will be the same units as the units of water needed per acre)

   Water to treat field: [ ] x [ ] = [ ]

   Acres to be treated   Water needed to treat 1 acre   Water needed to treat field

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Above example:

1. **Field area to be treated:** [24] x [150] = [3,600] ft²

   Width in feet   Length in feet   Area to be treated

   Convert to acres: [3,600] ft² / [43,560] ft² per acre = [0.0826] acres

   Area to be treated   Acres to be treated

2. **Determine the amount of product needed for the area to be treated:**

   [5.2 fl. oz/acre] x [0.0826] = [0.43 fl. oz.]

   Rate per acre from label   Acres to be treated   Product needed

3. **Determine the amount of water needed to treat the field**

   Calibration area: [3] x [100] = [300] ft²

   Width in feet   Length in feet   Calibration area

   [1 quart] X 43,560 ft² / [300] = [145.2 quarts]

   Water used to cover calibration area   Calibration area   Water needed to treat 1 acre

   Water to treat field: [0.0826] x [145.2 quarts] = [12.0 quarts]

   Acres to be treated   Water needed to treat 1 acre   Water needed to treat field