Use these common formulas to calculate the surface area of your yard to determine how much you will need to apply:

- **Rectangle**: \( \text{Area} = a \times b \)
- **Triangle**: \( A = \frac{1}{2} \times a \times b \)
- **Circle**: \( A = \pi r^2 \)
- **Ellipse**: \( A = a \times b \times \pi \)
P3 Reduce Your Use of Pesticides
Tips for using as little as possible and staying safe

Create a Healthy Lawn and Garden to Avoid Using Pesticides

• Pick the right plants or grass based on soil, moisture, and sun availability.
• Read seed mix and compost ingredients to make sure no weeds are included.
• Plan irrigation and drainage and mix sand in with soil if more drainage is needed.
• Rotate annual plants and add nutrients with compost.
• Hand weed or use a hoe.

Purchasing Pesticides

• Read the label and look for products with the least toxicity.
• Look for selective or pest-specific pesticides rather than broad spectrum pesticides which may harm non-target plants and beneficial insects.
• Purchase what you need for the job — use the back of this card to calculate surface area.

Safe Handling

• Wear chemical resistant gloves, long sleeve shirt, pants, shoes, and socks before opening.
• Mix in a grassy area where children don’t play.
• Measure the proper amount according to the label.
• Mix only the amount needed for the current job and spray it all out on the treatment area.

Boulder County, City and County of Broomfield, and Town of Erie residents can drop off pesticides and herbicides at:

Hazardous Materials Management Facility
1901c 63rd Street • Boulder
Wednesday - Saturday 8:30 a.m. - 4 p.m.
720-564-2251  www.BoulderCountyRecycles.org