



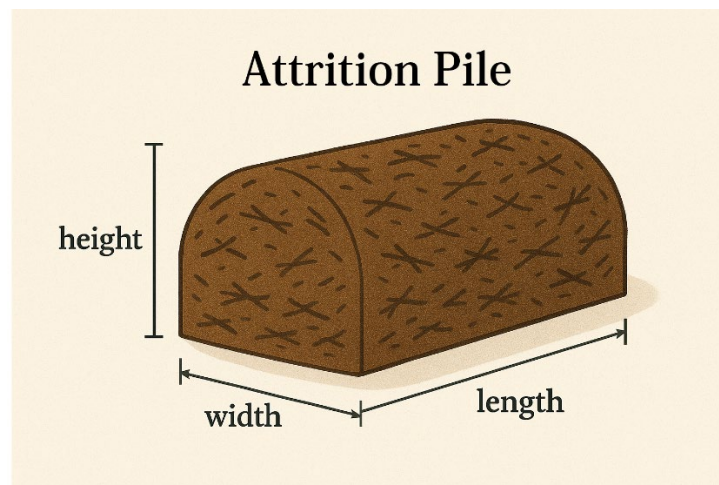
## Quantifying Attrition Materials When Requesting Burn Authorization

When requesting to burn any approved agricultural materials listed on a valid burn permit, permit holders are required to specify the quantity of material that they are requesting to burn. This allows the District to accurately track the amount of agricultural waste being disposed of through open burning, and also the associated emissions. Traditionally, most agricultural materials have been quantified based on the number of acres the material originated from. That methodology worked for many of the agricultural crops and materials that, due to state law, have now been phased out and are no longer allowed to be disposed of through open burning, such as field crops, orchard and vineyard removals, and prunings.

Attrition materials from orchards and vineyards are more challenging to accurately quantify on a per-acre basis. Attrition consists of suckers and incidental dead or broken limbs, trees, and vines, but **does not include prunings**. To accurately capture the amount of material being burned, the District has historically instructed permit holders to report attrition based on how many tons of material are to be burned rather than how many acres it originated from.

Piles of attrition can vary greatly in shape and size, which can make it difficult to estimate tonnage. To assist permit holders with accurately reporting the amount of attrition they have when requesting to burn, the District has developed the following guidance.

**As a general approximation, one ton of attrition is roughly equivalent to a 10ft x 10ft x 2 ft pile, or 200 cubic feet.** Permit holders can calculate how many tons of attrition material they have based on the size of their piles using the following calculation:



$$\text{Tons} = \frac{\text{Length (ft)} \times \text{Width (ft)} \times \text{Height (ft)}}{200 \text{ ft}^3}$$

**When requesting to burn attrition, report the total number of tons, rounded up to the next whole ton.** If you have any questions in general or specifically in regards to this guidance, please call the District's Ag Burn office at 1-800-665-2876 between 6:00 AM and 11:00 AM, Monday-Sunday.