

HOW DO I SET MY DRILL

› **43,560 ft²/acre**

(wheel circumference ft x drill width ft) = Tire revolutions to cover 1 acre

Example: If you had a 12 ft drill with a drive tire that covers 8 ft, your equation would look like this:

› **43,560 ft²/acre**

43,560 ft²

$$(8 \text{ ft} \times 12 \text{ ft}) = 96 \text{ ft}^2 = \mathbf{453.75 \text{ tire rotations to reach 1 acre}}$$

To make calibration a little easier, you can divide it down into a tenth of an acre, so you do not need to spin your tire as many times. This can be done by dividing your rotations by ten and then your pounds per acre by ten.

Example: If you need to rotate your tire 453.75 times to reach 1 acre, and you are wanting to plant 60 lbs per acre, your 1/10th equations would be as follows.

453.75 rotations

60 lbs/acre

$$10 = \mathbf{45.375 \text{ revolutions for .1 acre}}$$

$$10 = \mathbf{6.0 \text{ lbs/ .1 acre}}$$

After spinning your tire slightly over 45 times, the weight of seed collected should be around 6.0 lbs., if it is not, adjust the drill setting and spin the tire again to see how close you are to the desired weight.

Now some of these are just arbitrary numbers, your numbers will most likely be different in some way than what is given in the examples. The only number that stays as a constant is the square feet within an acre, because that number will never change. As long as you follow the same basic steps as shown above you should be able to reach the right calibration.

