

BOOM SPRAYER CALIBRATION

1. Determine nozzle spacing.
2. Refer to Table 13 for length of calibration course.
3. Mark off calibration course.
4. Record time required to drive calibration course at desired field gear and rpm.
5. Park tractor, maintain rpm used to drive course and turn on sprayer.
6. Catch water from one nozzle for time equal to that required to drive calibration course.
7. Ounces of water = gallons per acre.

Table 13. Chart for nozzle spacing and length of calibration course

Nozzle spacing (inches)	Length of calibration course* (linear feet)
18	227
20	204
30	136
40	102

*To determine the calibration course for a nozzle spacing not listed, divide the spacing expressed in feet into 340 (340 sq. ft. = 1/128 of an acre. Example: Calibration distance for 19-inch nozzle spacing = $340 \div 19/12 = 215$ feet.

BOOM SPRAYER CALIBRATION

1. Measure swath width.
2. Refer to Table 14 for length of calibration course.
3. Record time required to drive course at desired field gear and rpm.
4. Park tractor, maintain same rpm used to drive course and turn on sprayer.
5. Catch water for time equal to that required to drive calibration course.
6. Pints of water caught = gallons per acre.

Table 14. Chart for swath width and length of calibration course.

Effective swath width (feet)	Length of calibration course* (linear feet)
35	156
40	136
45	121
50	109

*To determine the calibration course for a swath width not listed, divide the swath width expressed in feet into 5460 (5460 sq. ft. = 1/8 of an acre). Example: Calibration course for a 32-foot swath width ($5460 \div 32$) = 171 feet.