BOOM SPRAYER CALIBRATION

1. Measure nozzle spacing.

2. Stake off calibration distance in field to be sprayed using the table below.

Nozzle Spacing (in)	Distance (ft)
32	127
28	146
24	170
20	204

3. Record time, gear & RPM it takes to drive the distance in boom sprayer chart above.

4. With tractor parked, run sprayer at RPM used in step 2 while spraying clean water only.

5. Collect clean water from one nozzle for the amount of time equal to that recorded in step 3.

6. Ounces collected = gallons the sprayer is applying per acre.

7. Using clean water only check all nozzles by collecting each for 30 seconds. Replace if any vary more than 10% from average.

BOOMLESS SPRAYER CALIBRATION

1. Using clean water only, run sprayer at operating RPM and measure effective sprayer swath width in feet.

2. Stake off a calibration distance using the table below based on the swath distance.

Swath (ft)	Calibration Distance (ft)
30	182
35	157
40	136
45	121
50	109

3. Record the time required to drive the calibration distance. Also note the gear used.

4. Place a trash bag around the nozzle. With tractor parked and running at same RPM, run sprayer for the amount of time used to drive the calibration distance. Use clean water only.

5. Measure clean water collected in trash bag. Pints collected = gallons applied per acre at gear used.

The last step with either method is mix enough herbicide in the sufficient gallons of water to cover the number of acres being sprayed. Call Vernon Scogin at 918-341-2736 for more information about either method.