

Air-Blast Orchard Sprayer Calibration

Imperial Calibration Calculations

Date _____

Tractor	Gear	RPM	a feet row spacing	b	c distance strip-ft.	d time-strip seconds	e	f	g gallons output	h output seconds	i	j

Step 1 - fill in the values for **a** and **c**, **d**, **g** and **h** from record sheets

Step 2 -calculate **b** **b = 43560 ÷ a**

Step 3 -calculate **e** **e = c ÷ d**

Step 4 -calculate **f** **f = b ÷ e**

Step 5 -calculate **i** **i = g ÷ h**

Step 6 -calculate **j** **j = f x i**

Result (**j**) is gallons per acre output - (based on both sides, specific gear, engine RPM, nozzels, pressure and row spacing)

Air-Blast Orchard Sprayer Calibration

Metric Calibration Calculations

Date _____

Tractor	Gear	RPM	a m row spacing	b	c distance strip- m	d time- strip seconds	e	f	g litres output	h output seconds	i	j

Step 1 - fill in the values for **a** and **c**, **d**, **g** and **h** from record sheets

Step 2 -calculate **b** **b = 10,000 ÷ a**

Step 3 -calculate **e** **e = c ÷ d**

Step 4 -calculate **f** **f = b ÷ e**

Step 5 -calculate **i** **i = g ÷ h**

Step 6 -calculate **j** **j = f x i**

Result (**j**) is litres per hectare output - (based on both sides, specific gear, engine RPM, nozzels, pressure and row spacing)