



CALIBRATION OF HERBICIDE SPRAYER

Date of Calibration: _____

Grower Name: _____

Steps of calibration

1. Select your tractor's gear and engine RPM for your preferred application speed. Record details below.

Tractor ID: _____

Gear: _____

Engine RPM: _____

2. Record your time over 100 metres (check at least twice)

Seconds: _____

3. Collect output of **nozzle/s or each dropper or Irvin leg in litres** for the time recorded in 2.

Nozzle 1	Nozzle 2	Nozzle 3	Nozzle 4	Nozzle 5	Nozzle 6	Nozzle 7	Nozzle 8
L	L	L	L	L	L	L	L
Nozzle 9	Nozzle 10	Nozzle 11	Nozzle 12	Nozzle 13	Nozzle 14	Nozzle 15	Nozzle 16
L	L	L	L	L	L	L	L

Total output all nozzles: _____ Litres

4. Determine the treated area:

Total boom width Sprayed M		100 M		Metres square
	X	100 M	=	

5. Calculate application rate of water/ha

Total output nozzles		Spray area		Spray rate
L	Divided by		X 10000 =	L/Ha

6. Calculate amount of herbicide to add to tank

Tank volume		Spray rate		Product rate		Herbicide in tank
L	Divided by	L/Ha	x	L/Ha	=	L or Kg

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