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CALIBRATION OF A HERBICIDE SPRAYER

Date of Calibration:.....

Steps of calibration

1. Select your tractors' gear and engine RPM for your preferred application speed. Record the details below:

   A) Tractor ID: .....
   B) Gear: .....
   C) Engine RPM: ..... Pressure: .....
   E) Record your time to travel 100 metres. (Check at least twice.)
   Seconds: .....

2. Collect output of the **nozzle/s or each dropper or Irvin leg in Litres** for the time recorded in **1-E)**. (Stationary calibration)

Nozzle 1	**Nozzle 2**	**Nozzle 3**	**Nozzle 4**	**Nozzle 5**	**Nozzle 6**		
L	L	L	L	L	L	Total	L
Nozzle 7	**Nozzle 8**	**Nozzle 9**	**Nozzle 10**	**Nozzle 11**	**Nozzle12**		
L	L	L	L	L	L	**Total of all nozzles**	**L**

3. Determine the treated area: in **Square Metres(M^2)**

Total boom Width sprayed M		**100 M**		**M^2**
	X	100 M	=	

4. Calculate the application rate of water/ha

Total Output of nozzles		**Spray Area M^2**		**Spray Rate**
L	÷	M^2	x 10000 =	L/Ha

5. Calculate how much herbicide to add to your spray tank

Tank Volume		**Spray Rate**		**Product Rate**		**Herbicide in Tank**
L	÷	L/Ha	x	L/Ha	=	L