National Sprayer Testing Scheme - Operator Check Sheet

Owner:	Operator:	Make:
Reg. No.	Hours:	

Checklist

Mechanical

- ☐ Guards, incl. PTO guard, secure and undamaged
- ☐ Sprayer attached securely
- ☐ No excessive structural wear or corrosion
- ☐ Wheels and tyres in good condition

Sprayer Tank

- ☐ Securely fixed in frame
- ☐ Free from leaks
- ☐ Agitation working
- ☐ Tank lid undamaged
- ☐ Contents gauge working and legible

Nozzles

- ☐ Nozzles evenly spaced
- ☐ Nozzle body orientation correct
- ☐ DCV's (anti-drips) working correctly
- ☐ Sets of nozzles all the same type & size
- ☐ Spray patterns unobstructed

Spray Lines and filters

- ☐ Hoses and fittings in good condition
- ☐ Free from leaks (above normal working pressure)
- ☐ Filters clean and undamaged

Boom

- ☐ Uniform nozzle height across the boom
- ☐ Boom straight fore and aft
- ☐ Boom suspension working correctly
- ☐ Boom break-backs working correctly
- ☐ Check mounting points and linkages for wear
- ☐ Nozzles protected if boom hits the ground
- ☐ Secure when folded for transport

Hydraulic and Pneumatic System

- ☐ Free from leaks
- ☐ Hoses/pipes and connections in good condition

Electrical System

- ☐ Wiring undamaged and properly insulated
- ☐ Lights and indicators working

Checklist

Controls and Valves

- ☐ Master switch working correctly
- ☐ Boom section controls working correctly
- ☐ Pressure gauge working correctly
- ☐ All controls and levers/switches labelled correctly
- ☐ Pressure stable and adjustable

Chemical Induction System

- ☐ System and controls working correctly
- ☐ Free from leaks
- ☐ Operating levers/switches labelled correctly
- ☐ Rinse system and container rinse working correctly

Tank Rinse/Personal Hygiene

- ☐ Tank rinse system filled and working correctly
- ☐ Hand wash tank filled and working correctly
- ☐ Clothing locker clean and used for purpose

Calibration

Nozzle Output Check (l/min)

MUST BE WITHIN +/-10% OF RATED OUTPUT

Nozzle	Result	Result	Result	Result

Forward Speed Check over 100 Metres

Speed……. km/h Time……. seconds

Actual Speed (360 ÷ time in seconds) ……..…km/h

Rate (l/ha) X Speed (km/h) X Nozzle Spacing (m)
600

= Nozzle Output ……..… l/min

Sign ……

Date ……...