

# OPERATOR CHECKLIST FOR AN AIRBLAST SPRAYER



Checklist courtesy of Dr. Andrew Landers, Cornell University, NYSAES, Geneva, NY 14456

Owner: \_\_\_\_\_ Operator: \_\_\_\_\_ Make: \_\_\_\_\_  
Model: \_\_\_\_\_ Serial No: \_\_\_\_\_ Date: \_\_\_\_\_

Key:  Checked/Completed     Needs Attention     Adjusted     Not Applicable

## Regularly check

## Regularly check (cont.)

### **Mechanical**

- Is the attachment to tractor secure? condition?
- Is the chassis and structure free of cracks and rust?
- Are the wheels and tires in good condition? properly?
- Are guards, inc. PTO shaft guard, secure and undamaged? visually correct?

### **Hydraulic system**

- Are they free from leaks under pressure? working correctly?
- Are the hoses and connections worn or cracked? functioning?

### **Electrical system**

- easily?
- Is the wiring undamaged & are all connections properly legible? insulated? adjustment/stable?
- Do all the lights work properly?

### **system**

### **Pneumatic system**

- working properly?
- Is the system free from leaks when working under pressure? operating pressures? readable?

### **Nozzles**

- Are all fittings and turrets in good
- Are all nozzles correctly orientated?
- Are all check valves working
- Is the spray/distribution pattern

### **Controls and valves**

- Are the master on/off switches
- Are left & right section switches
- Can you read the pressure gauges
- Are all labels appropriate and
- Is the pressure
- Pressure gauge reading zero?

### **Chemical induction**

- Are the system and controls
- Is it free from leaks under
- Are all labels appropriate and

**Sprayer tank**  
wash system

- Are the tank/chassis fasteners secure?
- Free from leaks?
- Does the lid fit securely and free from leaks?
- Is the contents gauge clearly legible?  
properly?

**'Spray lines'**

- I Are they free from leaks under pressure?
- No hoses and connectors worn or cracked?  
.....
- Are all valves and filters in good condition?  
sheet

- Is the rinse system and container  
working properly?

**Tank rinse system**

- Is the system functioning

***Periodically check***

- Jug test all nozzle outputs  
Date                      Completed
- Formally complete and file check  
Independent test due  
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**Comments/Notes/specific items requiring attention:**

*For more information visit his Pesticide Application Technology web site at:*  
<http://www.aben.cornell.edu/extension/pestapp/index.htm>

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