SprayLogic
Pre-Flight Checklist

Information

- Name: _____
- Drone Model: _____
- Job Name: _____
- Date of Inspection: _____

1. Frame

- ☐ Inspect frame, arms, landing gear for cracks or damage
- ☐ All screws tight and secure
- ☐ Locking handles fully latched
- ☐ Radar & vision sensors clean and undamaged

2. Spray System

- ☐ Tank secure, no cracks
- ☐ Hose fittings tight – no leaks
- ☐ Spray rod/lance secure
- ☐ Remove trapped air from systemclarified

3. Propulsion System

- ☐ Propellers undamaged
- ☐ Motors spin freely – no rubbing
- ☐ Motors firmly mounted (no twisting at base)
- ☐ ESCs secure and undamaged

4. Remote Controller & Systems

- ☐ Batteries charged (RC + Aircraft) Project status
- ☐ RC linked to correct drone
- ☐ GPS / RTK signal strong
- ☐ FPV video working
- ☐ Radar ON
- ☐ Low battery warnings set (30% / 10%)
- ☐ Lost link / RTH settings verified

5. Landing Area

- ☐ Clear of debris
- ☐ Flat and stable
- ☐ Safe distance for crew
- ☐ Adequate prop clearance

Stay clear of drone during takeoff & landing.

7. Hover Test

- ☐ Arm aircraft
- ☐ Lift to ~10 ft
- ☐ Verify full stick response
- ☐ Land & disarm properly

8. PPE & Product

- ☐ Proper PPE on
- ☐ Ground equipment functioning
- ☐ Product loaded correctly

SprayLogic
Post-Flight Checklist

Information

- Name: _____
- Drone Model: _____

- Job Name: _____
- Date of Inspection: _____

1. Spray System

- ☐ Triple rinse tank & lines
- ☐ Clean nozzles and filters
- ☐ Check for leaks or loose fittings
- ☐ Remove chemical residue before storage

2. Aircraft

- ☐ Inspect frame, arms, and landing gear
- ☐ Check propellers and motors for damage
- ☐ Rinse exterior
- ☐ Remove chemical residue before storage

3. Batteries

- ☐ Check battery level
- ☐ Inspect for swelling or damage
- ☐ Store per manufacturer guidelines
- ☐ ESCs secure and undamaged

4. Remote Controller & Systems

- ☐ Inspect controller for physical damage
- ☐ Review system warnings or error messages
- ☐ Check antennas and cables
- ☐ Confirm flight logs saved
- ☐ Radar ON
- ☐ Charge controller for next operation

5. Site & Operational Safety

- ☐ Inspect takeoff/landing area for spills
- ☐ Remove cones, markers, or signage
- ☐ Ensure no chemical residue left on ground
- ☐ Secure equipment in vehicle

⚠ Equipment stored safely

Batteries stored properly

Aircraft ready for next job

7. PPE & Product

- ☐ Dispose of or clean gloves and protective gear
- ☐ Secure remaining chemical product
- ☐ Check product containers for leaks or damage
- ☐ Store chemicals according to label requirements

8. Documentation

- ☐ Record spray logs
- ☐ Note any equipment issues
- ☐ Confirm job completion