RDGM FIELD OPERATIONS UTILITIES

Chemical Application SOP & Log Sheet

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1. Compliance & Application Standard

This document establishes procedural parameters for the application of pesticides, selective herbicides, and turf fertilizers. **THE CHEMICAL LABEL IS THE LAW.** Under federal FIFRA regulations, technicians must apply products strictly in accordance with container labeling instructions, mixing specifications, and targeted dilution rates.

2. Mandatory Safety & Mixing Protocols

- **PPE Requirements:** Double-layered nitrile chemical-resistant gloves, protective rubber boots, long-sleeved shirt, long pants, and ANSI eye protection. Use NIOSH organic vapor respirators when mixing dusts or highly volatile sprays.
- **Mixing Checklist:** Always mix chemicals in a designated containment pad or outdoors. Never leave chemical tanks unattended while filling. Add water first, then chemical product, then remaining water to ensure safe dilution.
- **Weather Restrictions:** Do NOT spray if wind speeds exceed 10 mph to prevent off-target drift. Do NOT spray if rain is forecasted within 4 hours (unless specified for watering-in).

3. Daily Chemical Application Log Template

Use the log below to record applications. Maintain records on file for a minimum of 3 years (or as required by local pesticide regulation boards).

Date / Time	Tech Name	Location / Client	Product / EPA #	Wind / Temp	Amount Used