

JIFSAN Good Aquacultural Practices Program

Cross-contamination: Instructions – Dirty to Clean Surfaces





Cross-contamination Instructions—Dirty to Clean Surfaces

What you need:

Glo-Germ™ powder
Ultraviolet light source – 2-3 feet long
Sign-up sheet, clipboard and pen
Electrical extension cord

Demonstration Instructions:

1. Prepare a form for the students to sign after they are seated in the classroom. The form could be a sheet to sign up teams for the field trip (the purpose of the sheet is unimportant).
2. Before class, clip the sheet in a clipboard with pen and coat everything with Glo-Germ powder.
3. Circulate it among the students and ask them to sign the form.
4. After the morning break explain the situation, dim the lights and use the U.V. lamp to disclose where the sign-up sheet traveled.
5. Look for both direct contact surfaces, such as tabletops and hands, and indirect contact surfaces such as faces, arms, and shirts. Include instructors in the exercise; do not intentionally embarrass students.
6. Explain that the powder, viewable only with black light, is like bacteria or chemical

residues. These agents travel easily and readily contaminate food if standard operating procedures are not properly developed or implemented.

7. Ask the students to provide examples of how food contact surfaces and food could become contaminated from dirty surfaces.

8. Questions to discuss:

“Were you surprised at some of the surfaces that were ‘contaminated’ by the sign-up sheet?”

“What can we say about personal habits (e.g., hand to face contact), hygiene, and employee movement?”

“What about washing/sanitizing procedures or dedicating equipment and cleaning aids (e.g., brushes, brooms) to specific tasks?”

“What should be included in a SOP to prevent these situations from occurring?”

Ordering Information:

- GloGerm™ Company
- P.O. Box 537
- Moab, UT 84532
- 800-842-6622
- Glitterbug™ Brevis Co.
- 3310 South 2700 East
- Salt Lake City, UT 84109
- 801-466-6677