

FARM NAME \_\_\_\_\_

Doc.No. **2.20**

Title: **Chemical Spill Response Plan\***

Effective Date: \_\_\_\_\_

Reviewed by: \_\_\_\_\_ GAP Coordinator, Date: \_\_\_\_\_

**1. Follow the 3 C's: Caution, Control/Contain, Clean up!**

**2. Caution: Personal Safety.**

- a. Do not expose yourself unnecessarily to chemicals.
- b. Avoid situations where you may become trapped.
- c. Wear Personal Protective Equipment (PPE), such as rubber gloves, boots, long sleeves, long pants; use additional PPE as instructed by the label.
- d. Approach the spill from a safe direction (e.g., upwind, upstream).
- e. Avoid spills that are reacting (hissing, bubbling, smoking, gassing, burning). Evacuate and call 911.
- f. If you have been contaminated, wash with running water at least 15 minutes.
- g. If others have been contaminated and are still able to walk, help them to wash. Wash yourself when you finish.
- h. If anyone has become incapacitated, call 911.

**3. Control the source/Contain the spill.**

- a. If possible, safely stop the spill (e.g., place a leaking container in a larger container, close a valve), immediately!
- b. Keep the spill from spreading by using absorbent material, sandbags or by digging a trench to contain fluid.
- c. If the spill is too big for one person to control and clean up, call 911 or your local emergency number.
- d. Evacuate the area; set up barriers to keep people (and animals) out.
- e. Stay with the spill site until someone relieves you.

**4. Clean up.**

- a. For general spills:
  - i. Spread absorbent material (fine sand, vermiculite, clay, pet litter) on the spill area.
  - ii. Avoid using sawdust. Strong oxidizing chemicals can combust and be a potential fire hazard.
  - iii. Sweep and scoop all material; work from the outside toward the inside to reduce further spread.
  - iv. Scoop material into a steel or fiber drum lined with a heavy duty plastic bag.
  - v. Repeat until the spill is soaked up.
  - vi. Seal the bag. Double bag it, label it clearly and dispose of it properly.
- b. Some chemicals (e.g., organophosphates) may require special handling. Check the product label for more information.

## Standard Operating Procedure

- c. For spills on soil:
  - i. Apply activated charcoal immediately for minor spills.
  - ii. For larger spills, the top 2-3 inches of soil must be removed and properly disposed of; then cover the area with at least 2 inches of lime and fresh top soil.

\* Center for Food Security and Public Health