

CHEMICAL MATERIAL FIRES

CHEMICAL EMERGENCY PREPAREDNESS AND PREVENTION

Don L. Renchie, Mark Matocha, Grady J. Glenn, and Mark M. Johnsen Texas AgriLife Extension Service Agricultural & Environmental Safety Pesticide Safety Education Program

Contamination Concerns Following a Chemical Fire Upon Return From Evacuation: Until EPA or TCEQ has determined what specific byproducts or metabolites from a chemical fire are present in soil, air, or water, and these materials are tested for, those with concerns can take the following actions:

Livestock Water and Feed

Isolate any contaminated livestock water from animals, by the use of temporary fencing or covering of water in troughs, or by moving the livestock to a new pen that can be provided with fresh, uncontaminated water. Uncontaminated feed and hay can also be provided to animals, and contaminated feed and hay should be isolated or removed from the possibility of consumption by livestock.

Produce or Crops

Follow standard food safety procedures by thoroughly washing with clean, fresh, uncontaminated water prior to consumption. If you have serious concerns, do not consume these materials until they have been tested and determined to be safe to consume.