

**DLA TROOP SUPPORT CONTRACTOR INTEGRATED PEST MANAGEMENT PROGRAM
GUIDELINES FOR COLD STORAGE OF OPERATIONAL RATIONS
AND OTHER SUBSISTENCE PRODUCTS**

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I. Scope and Applicability

- A. These Integrated Pest Management (IPM) Program Guidelines are applicable to contractors storing Meals, Ready to Eat (MRE's), other Operational Rations, and other subsistence products in refrigerated storage.
 - 1. Contractors are required to submit a single comprehensive written IPM program for each facility they intend to utilize for refrigerated storage of DLA Troop Support subsistence items. The IPM program will be tailored to address any unique aspects of the facility to which it pertains and will follow the format of the IPM program guidelines as described herein.
 - a. A formal written program, with appropriate attachments, will be submitted to the Contracting Officer for evaluation by a DLA Troop Support Quality Assurance Specialist(QAS). Contract award will be contingent upon IPM program approval.
 - b. All requests for modifications to the approved IPM program will be submitted through the Contracting Officer for evaluation by a DLA Troop Support QAS.
 - c. Contractors storing DLA Troop Support rations and/or other subsistence items shall comply with the Federal Food, Drug, and Cosmetic Act and the Federal Insecticide, Fungicide and Rodenticide Act as amended, and any regulations promulgated thereunder.
 - d. The Contracting Officer may take whatever action is deemed necessary to ensure compliance with this program.

II. Integrated Pest Management (IPM) Program Concepts

- A. The concept of integrated pest management involves a combination of both chemical and non-chemical prevention and control techniques. IPM offers a more effective program than through the utilization of any one technique.
- B. The basic IPM program involves:
 - 1. Structural design integrity to promote physical exclusion of insect and rodent pests.
 - 2. Sanitation, housekeeping, and good storage practices to include inspection and pest surveillance.
 - 3. Proper stock handling and warehousing techniques.
 - 4. Non-chemical/mechanical insect and rodent control techniques.
 - 5. Proper application of pesticidal chemicals were required to control pest activity.

III. IPM Program Elements and Requirements*

*This section (III.) contains those required elements of the IPM program for refrigerated storage of subsistence which must be addressed in the written program to be submitted for approval prior to contract award. These elements apply to all portions of the storage facility, including those non-refrigerated storage and office areas adjacent to the refrigerated storage areas. All program elements must be addressed.

- A. Facility Maintenance/Physical Pest Exclusion.
 - 1. Insure proper repair of roof and walls to prevent leaks and accumulations of water.
 - 2. Seal all holes or gaps in walls where plumbing, electrical, steam lines, etc. enter the facility.
 - 3. Screen all openings including operable windows, air exchangers (unless fitted with operable louvers), and doors which may remain open. Standard 16-mesh window screen will prevent insect entry.
 - 4. All door entrances shall be self-closing and constructed of rodent-proof material in such a manner to preclude rodent entry when closed. Cargo doors may be equipped with screens, vinyl strips, air curtains, and/or boots to prevent pest entry when open or in use.
- B. Sanitation/Grounds Maintenance
 - 1. Spilled food, damaged/spilled components, and all other debris shall be cleaned up and disposed of prior to the end of each workday. In no case shall such spills or trash exist within a storage area in excess of 24 hours.
 - 2. Outbound conveyances will be inspected to ensure they are pest free before loading. If insects or other pests are found, the conveyance will be thoroughly cleaned, rendered pest free, and reinspected.
 - 3. The outside facility grounds shall be maintained in a neat and orderly manner, free of trash, debris, and accumulations of excess materials and equipment which may provide harborage for insect and rodent pests.
 - 4. Excessive vegetation and weed growth around the facility perimeter will be eliminated.
- C. Stock Handling/Warehousing Techniques
 - 1. All stocks stored in refrigerated storage will be stacked away from all walls/partitions a minimum of 18 inches with inspection/control aisles at naturally occurring breaks in the warehouse (i.e., pillars).
 - 2. Operational rations may be stored in the same area as cash crops, however, maximum segregation of commodities will be maintained. Other dry infestible subsistence items will not be stored with bulk cash crops.
 - 3. Damaged product discovered while in-storage will be removed immediately.
 - 4. Any in-storage insect/rodent infestation or contamination found in the storage area will be immediately reported to a DLA Troop Support QAS, through the Contracting Officer. Specimens will be retained for purposes of identification.
- D. Rodent Control (The potential for rodent infestation is the primary concern in refrigerated storage areas).
 - 1. Emphasis shall be placed on sanitation and rodent exclusion.
 - 2. Tamperproof rodent bait stations will be placed around the exterior of the facility to preclude rodent entry as much as possible. Bait blocks and/or single dose anticoagulants are the recommended bait materials. Stations should be placed at approximate 50 foot intervals around the exterior of the facility.
 - 3. Mechanical rodent control devices are recommended for interior facility monitoring and control. These devices should be placed throughout the facility, including the refrigerated storage areas. If tamperproof bait stations are used inside the facility, they should contain single dose anticoagulant rodenticides approved by EPA for use in storage facilities.
 - 4. Toxic tracking powders will not be used in the facility unless authorized by the Contracting Officer. Snap traps and glue boards may be utilized as needed. If glue boards are used in refrigerated areas, ensure the proper type is used.
- E. Insect Control
 - 1. Insecticide applications will not be made within refrigerated areas storing DLA Troop Support subsistence unless authorized by a DLA Troop Support QAS through the Contracting Officer.
 - 2. Insecticide applications may be necessary to control pests around the facility exterior, in office areas, and in association with trash disposal areas. Insecticides utilized will be properly labeled and approved for such use by EPA.

F. Certification and Record Keeping

1. Pesticide applicators will have a valid State pest control certification or license, a copy of which will be included in the submitted IPM program.
2. Copies of labels for all pesticides intended for use in and around the facility will be submitted with the formal program. A narrative description of proposed pesticide use is also required.
3. Detailed pest control records will be maintained for a period of one (1) year and will be made available to the DLA Troop Support QAS upon request.

IV. Pest Management Inspections

- A. A DLA Troop Support QAS will conduct periodic inspections of the facility to evaluate facility sanitation and the overall pest management program.
- B. Quarterly sanitary inspection reports accomplished by the area U.S. Army Veterinary Officer will be retained by the contractor for review by the DLA Troop Support QAS.
- C. The contractor will immediately inform the Contracting Officer of any product found to be infested and/or contaminated while in storage. The product will be placed in a hold status pending disposition instructions from the DLA Troop Support QAS through the Contracting Officer.