

WAREHOUSE BEETLE INDIANMEAL MOTH CIGARETTE BEETLE FLOUR BEETLE PSOCIDS SAWTOOTHED GRAIN BEETLE FOREIGN GRAIN BEETLE RICE WEEVIL DRUGSTORE BEETLE





# STORED PRODUCT PROTECTION

# Management of stored product pests is essential to the safety of your brand and products.

The management of pests in commodity storage and food plants requires a high degree of professionalism, experience and knowledge.

McCloud Services has been protecting the nation's food supply from stored products pests since 1904. We offer superior coverage for Indianmeal moths, cigarette beetles, drugstore beetles, rice weevils and more. Our stored product protection services utilize pest management techniques that are effective, economical, and emphasize food safety and contamination prevention, leveraged through early detection.



#### IDENTIFICATION

Our experience allows us to accurately identify what pest species are present in your facilities through quality inspections and strategic monitoring.

#### PREVENTION

We implement pest management strategies that keep pest populations from infesting your facility and negatively impacting your product.

#### AVOIDANCE

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If your company already has an active pest population, we implement measures to avoid impact on your product.

#### MONITORING AND TREND REPORTING

Constant monitoring of pest activity allows us to determine pest vulnerable zones, as well as spot trends in population growth.

#### **SUPPRESSION**

If prevention and avoidance techniques are insufficient, we use monitoring data to formulate corrective action strategies consistent with site needs to optimize tactics and target treatments.

## HELPING YOUR COMPANY RESOLVE AND PREVENT STORED PRODUCT PEST INFESTATIONS

The goal of our monitoring-intensive stored product pest program is to protect your company and product while emphasizing non-chemical pest management solutions that reduce dependence on traditional treatments and fumigation. Let us help you by using site specific techniques and programs found to be effective.

#### **EXCLUSION**

Exclusion methods are used to prevent pest entry into a structure. Exclusion strategies may include: sealing pest entry points, screening, pest-proofing doors and inspection of incoming goods.

### SANITATION ADJUSTMENT

Good housekeeping practices are essential for eliminating food sources for stored product pests. Your McCloud Service Specialist will document areas where sanitation improvements are required.

#### **ENVIRONMENTAL MODIFICATION**

Environmental adjustments such as structural changes, lighting selection, and temperature modification can be utilized in an integrated stored product pest management program.

#### **VEGETATION MANAGEMENT**

Weed management and proper selection of landscaping materials around the facility are important elements of pest prevention. Weeds can provide harborage and food for rodents and insects. Certain types of landscaping materials and vegetation are more conducive to pest development than others. Your McCloud Service Specialist can provide recommendations regarding the elimination of landscaping conditions that are conducive to pests.



#### TRAPPING AND MONITORING

Traps are used to capture, properly identify, and monitor pests. Some traps, such as insect light traps and rodent multicatch traps, serve as both monitoring and stored product pest removal devices. Some traps, such as stored product pest pheromone traps, are used for monitoring only.

#### **MATING DISRUPTION**

The use of pheromones to reduce successful insect mating.

### **ULV TREATMENT**

Ultra Low Volume (ULV) treatments utilize the minimum volume of insecticide required to eliminate target pests with the maximum economy. ULV is used when pest populations have reached target threshold.

#### **FUMIGATION**

Fumigation is the use of volatile gas to destroy insects in all stages of their life cycle.

# TRUST THE EXPERTS IN STORED PRODUCT PROTECTION



## COMMITTED TO YOUR SAFETY AND THE ENVIRONMENT

To operate our business with respect to the environment, we implement environmental management practices that enhance both ecology and efficiency. We take our cues from nature, not only in the design of our pest management programs, but also in our corporate philosophy. As a result, we approach solving pest management issues within the context of the natural ecology, by exploring and implementing innovative alternatives to traditional pesticides.

In order to protect the health and safety of our clients, their employees and customers, as well as the integrity of our clients' brands, we strive to lessen the negative impact on the environment arising from our business activities and to encourage an ecological mind set within our staff. We emphasize the need for our employees to wisely use resources by training them in the proper use and disposal of environmentally sensitive materials, in conjunction with minimizing the overall use of these materials in our operations. We give equal consideration to the impact of environmentally sensitive materials on:

- The safety of the people effected by it
- The efficacy
- The environment

We assure our leadership in environmental care by operating in compliance with applicable safety and environmental regulations and laws, and by exceeding regulatory requirements in both degree and timing wherever possible.

We respect the earth on which we are all dependent. We value our society, the communities where our customers and employees live and the quality of the world which future generations will inherit.

## **SERVICES OFFERED**

- Integrated Pest Management (IPM)
- Electronic Data Collection
- Bird Management & Exclusion
- Structural Fumigation
- Container Fumigation
- Fumigation Alternatives
- Aquatic Weed Management
- Organic Compliant Programs
- GFSI Audit Compliance
- Sanitation Consultation
- Food Safety Training
- Food Safety Auditing
- Bed Bug Management
- LEED Compliant Programs



## **Regional Service Locations**

## Illinois, Indiana, Iowa, Kansas, Kentucky, Missouri and Tennessee

www.mccloudservices.com 800-332-7805