Navy Pest Management

Chris Hohnholt

2/8/2017
The main goal of pest management activities is to support the mission

- Regulatory requirements
- NAVFAC’s role
- Installation pest management team
The main goal of pest management activities is to support the mission

• Regulatory requirements
• NAVFAC’s role
• Installation pest management team
Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)

EPA

States  DoD
"I expect to recognize, reinforce, and enhance NAVFAC LANT's role as the primary "engine room" for NAVFAC Headquarters' horizontal work support."

Bret J. Muilenburg
Federal Insecticide, Fungicide and Rodenticide Act (FIFRA)

DoDI 4150.07: DoD Pest Management Program

OPNAVINST 6250.4C: Pest Management Programs

OPNAV M-5090.1, Ch. 24: Pesticide Compliance Ashore

MCO P5090.2A, Ch. 14: Pesticide Pollution Prevention
The main goal of pest management activities is to support the mission

• Regulatory requirements
• NAVFAC’s role
• Installation pest management team
Support the warfighter through specialized IPM services for shore installations to:

1. Enhance force health protection
2. Protect real property
3. Ensure environmental stewardship
4. Sustain quality of life
NAVFAC Applied Biology Personnel

**NAVFAC Atlantic:**
- Sabra Scheffel - AB Program Manager
- Chris Hohnholt
- Steve Holmes
- Chris Martin
- Steve Robertson
- Kirk Williams

**NAVFAC Southwest:**
- Mike Medina - Southwest, MCI West

**NAVFAC Pacific:**
- Bill Kanour - Pacific except Japan, MCI Western Pacific
- Makena Mason - Pacific except Japan, MCI Western Pacific

**NAVFAC Far East:**
- Akira Masui - Japan
### NAVFAC Entomologists
- Pest Management Consultants

- On-site program review (facilities / environmental)
- Consultation
  - Pest prevention and control
  - Program maintenance
  - Compliance
- Document reviews (i.e. IPMP, contracts, partner plans, leases)
- Pesticide reporting system accounts
- IPMP update and rewrite assistance

### BUMED Entomologists
- Public Health

- Shipboard and contingency vector surveillance and control
- Consultation
  - Vector surveillance, prevention and control
  - Pesticide safety
- Assist with writing emergency vector control plan
- IPMP review
NAVFAC Applied Biology Products and Services

- Regulatory oversight
- Phone/on-site Consultations
- Teaching pest management courses
- Review contracts
- On-site technical reviews
- Approve pesticides
- Technical expertise
- Write/update plans
Installation Pest Management Requirements

- Designated installation integrated pest management coordinator (IPMC)
- Performance assessment representative (PAR) for pest control/grounds maintenance contract
- Certified pesticide applicators (DoD or state)

- Integrated Pest Management Plans (IPMP)
- Tech reviews
- Pesticide pre-approvals
- Pesticide records/reports
- Contract reviews
• Appointed by CO
• Facilities / Environmental
• Coordinates all pest management activities on the installation
• Ensures integrated pest management (IPM) and compliance
Pest Management Personnel Training Requirements

• Only DoD or State certified or licensed applicators may apply pesticides on installations.
• DoD pesticide applicator certification
  – Initial 3 week course; recertification every 3 years; no CEU requirement
• State commercial licensing for contractors
  – Recertification; CEU requirement
• Pest Management Performance Assessment Representative/IPMC training
  – Initial; refresher training every 3 years
Integrated Pest Management Plan

• Must conform to DoD and DoN Directives
• Describes installation pest and pesticide management practices
• Oversight by Installation Integrated Pest Management Coordinator
• Implemented by installation commander
All pesticides applied on an installation must be approved by NAVFAC pest management consultant.

- **Approval of pesticides:**
  - EPA and state registered
  - Labeled for target pest and location

- **Environmental should review specific pesticide use**
Pest Management Records/Reports

- Daily records include:
  - Pesticide trade name
  - EPA registration number
  - Target pest and location
  - Amount applied

- NAVFAC Online Pesticide Reporting System (NOPRS)

- Must maintain records on-site indefinitely
• DoD policy and instructions
• Technical guides
• Training courses
• Standard supply lists
• MoMs
• DoD pest management news
• AFPMB meeting info

http://www.acq.osd.mil/eie/afpmb/
DoD Measures of Merit (DoDI 4150.07)
1. All DoD installations will maintain installation pest management plans that have been reviewed and approved by a DoD-certified Pest Management Consultant and annually updated by the IPMC.

- Low of 45% in FY06 to a high of 95% in FY 14
- Largely driven by funding
2. All DOD installations will adhere to the principals of Integrated Pest Management (IPM) and the DOD will maintain the goal of minimizing annual pesticide use by both government and contractor pesticide applicators on its installations.

– Measured in pounds of active ingredient
– 40K in FY06, 170K in FY13
– Herbicides dominate the numbers
– Public health insects PAI dominated by aerial spray
3. All DoD pesticide applicators will be certified. All contracted employees shall have appropriate State or host-nation pesticide applicator certification in the appropriate categories at the time the contract is let.

- Only DoD civilians can be apprentices (up to 2 years)
- DoD civilians 100% compliance
- Contractors are required to be licensed applicators; cannot be apprentices or working under the supervision of a licensed applicator
The main goal of pest management activities is to support the mission

- Regulatory requirements
- NAVFAC’s role
- Installation pest management team
Installation Pest Management Team

• **PW / Facilities**
  – *DoD in-house* – pest control shop, pesticide storage
  – *BOS contract* – monitored by PARs; may include storage

• **FEAD / ROICC**
  – Pest control contract writing
  – New construction contracts including termite pre-treatments and treated wood
Installation Pest Management Team

• **NEX / MCX**
  – Pest control at commercial food service facilities
  – Storage, display and sale of pesticides for home use

• **MWR / MCCS**
  – Turf and landscape pest control on recreational fields
  – Golf course
  – Pest control at clubs
• **Commissary**
  – Storage, display, and sale of pesticides for home use

• **Veterinary Service**
  – Food quality inspections at commissary, galleys, and NEX
  – Sale and use of pet care pesticides
  – Surveillance for pests of veterinary importance
  – Animal control support
• Environmental
  – Agricultural outleases
  – Invasive species prevention and control
  – Habitat protection and restoration
  – Wildlife/predator management
  – Bird Aircraft Strike Hazards (BASH)
Installation Pest Management Team

• PPV Housing
  – Pest control and landscape maintenance provided by housing manager

• Supply Centers
  – Storage of pesticides for distribution
Installation Pest Management Team

• Medical – Preventive Medicine
  – Food service and facilities sanitation inspections
  – Emergency vector control plan
  – Vector surveillance
  – Contingency pesticide storage/uniform treatments
Key Takeaways

• Pest management supports the installation’s mission
• Integrated pest management provides a range of options that ensures pests are controlled while adhering to laws and regulations
Pesticide Management

Chris Hohnholt
chris.hohnholt@navy.mil
757 322-4735

2/8/2017