

DoD CONTINGENCY PESTICIDES

<http://www.afpmb.org>

JULY 1, 2000

A. Disclaimer.

1. The Contingency Pesticide List, paragraph E., below, does not constitute procurement authority for pesticides listed herein. Use of trade names in this publication is solely for the purpose of providing information to aid in the identification of specific products and does not imply endorsement of the products named or criticism of products not mentioned. Products mentioned in this list do not constitute a guarantee or warranty of these products by the Armed Forces Pest Management Board (AFPMB), the Military Departments, or the DoD.

2. Most pesticides listed in paragraph E., below, and addressed in AFPMB TIM 24, "Contingency Pest Management Pocket Guide," should only be applied by personnel (i.e., preventive medicine or pest control personnel) who have been formally trained and certified in accordance with DoD 4150.7-P, "The DoD Plan for the Certification of Pesticide Applicators," September 30, 1996. All other personnel should not procure or use pesticides unless specifically authorized by Service instructions, regulations, or directives.

B. Purpose.

The purpose of the Contingency Pesticide List is to provide basic information on pesticides approved by the AFPMB Contingency Advisory Group for control of disease vectors and pests during field operations worldwide. Pesticides should be used only as a part of an integrated pest management program (IPM). IPM is an approach that combines a variety of control techniques - including physical, mechanical, educational, biological, and chemical - to prevent disease and injury or economic loss due to vector arthropods and pests. Since pesticides are usually a last resort, the IPM approach reduces our dependency on pesticides and reduces the health and environmental risks associated with pesticide treatments.

C. Recording, Reporting, and Archiving Pesticide Use during Contingency Operations.

Paragraph B.3.h., DoD Instruction 4150.7, "DoD Pest Management Program," April 22, 1996, requires that pesticide use during military operations be recorded and archived. Pesticide applicators must record all pesticide applications, excluding arthropod skin and clothing repellents, performed during military operations, on DD Form 1532-1, "Pest Management Maintenance Record," or a computer-generated equivalent. Reporting pesticide use and archiving pesticide use records shall be accomplished in accordance with Service procedures.

D. Shipping Information.

1. Pesticides listed at paragraph E., below, are suitable for contingency use by the Military Services. Refer to AF Joint Manual 24-204/TM 38-250/NAVSUP 505/MCO P4030.19G/DLAI 4145.3, "Preparing Hazardous Materials for Military Air Shipments," 1 March 1997, for additional guidance on air transportation of pesticides. The International Air Transportation Association's "Shippers Declaration for Dangerous Goods" form must be used for air transport of those pesticides, which are regulated. Service Focal Points jointly establish procedures and prepare documentation necessary to implement the manual. In accordance with paragraph 1.2.2. of this manual, users should contact their Service Focal Points for all clarification and waivers. Service Focal Points are:

Air Force. HQ AFMC/LGTP, 5215 Thurlow St., Wright-Patterson AFB, OH 45433-5540, Phone (513) 257-4503, DSN: 787-4503.

Army. U.S. Army Safety Center/CSSC-PP, Ft. Rucker, AL 36362-5356,
Phone: (205) 255-3553, DSN: 588-3553.

Navy. Commander, Naval Supply Systems Command, Code 4122D, 1931 Jefferson
Davis Highway, Arlington, VA 22241-5360, Phone: (703) 607-1088, DSN: 327-
1088. Navy Activities get waivers from Navy Ships Parts Control Center, Code
0541, P.O. Box 2020, Mechanicsburg, PA 17055-0788, Phone (717) 790-2784,
DSN: 430-2784.

Marine Corps. Commander of Marine Corps (LPP-2), Headquarters, U.S. Marine Corps,
2 Navy Annex, Washington, DC 203890-1775, Phone: (703) 696-1061,
DSN: 226-1061.

Defense Logistics Agency/MMLSD, 8725 John J. Kingman Road, Suite 253, Ft Belvoir,
VA 22060-6219, Phone (703) 767-3673, DSN: 427-3673.

2. Shipping papers are required for all hazardous materials in transit and should be within the reach of transport drivers/operators at all times. Information contained on the shipping papers includes: proper shipping name, hazard class, and UN identification number, reportable quantity (RQ) if applicable, and package quantities or weight.

3. Marking regulations require information on the specific hazardous material to be visible or "marked" on the outside of the package. Information required to be marked on the packages includes proper shipping name, UN identification number and consignors or consignee's name.

4. Packages containing hazardous materials must have the appropriate Department of Transportation (DOT) Label attached to the outside container. For additional instructions, refer to Attachment 15, "Labeling Hazardous Materials," in AFJM 24-204/TM 38-250/NAVSUP PUB 505/MCO P4030-19G/DLAI 4145.3.

5. The shipping information listed below is believed to be current but may be incomplete due to revisions and/or not applicable to all conditions or situations that may exist or occur. Users must verify the suitability of the shipping information listed below prior to use.

E. Contingency Pesticide List.

1. HERBICIDES				
The following herbicides must be applied by a DoD certified pesticide applicator or under the direct supervision of a DoD Certified pesticide applicator.				
NOMENCLATURE	U/I	ACC *	Price **	NSN
Herbicide, Bromacil, 40.8%, Water Soluble, Bromax -4L, 5-gal Drum, <i>Proper Shipping Name</i> - FLAMMABLE LIQUIDS, N.O.S., (contains diethylamine and ethylaminoethanol), <i>Hazard Class</i> - 3, UN/ID Number - NA1993, PG III, <i>DOT Label</i> - FLAMMABLE LIQUID	DR	D	681.13	6840-00-181-7106
Herbicide, Isopropyl salt of glyphosate, 41% water soluble liquid, Roundup Pro, (2) 2.5-gal cont., <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> - N/A	BX	D	254.69	6840-01-108-9578
Herbicide, Isopropylamine salt of glyphosate, 0.96%, water soluble liquid, Roundup Dry Pak, 25 packs per box, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> - N/A	BX	Z	76.95	6840-01-399-0673

2. REPELLENTS

The following repellent must be applied by trained personnel or a DoD certified pesticide applicator.

NOMENCLATURE	U/I	ACC	Price	NSN
Insect Repellent, Clothing Application, 40% permethrin, liquid, (12) 151-ml bottle per box, for 2 gal sprayer, <i>Proper Shipping Name</i> - FLAMMABLE LIQUIDS, N.O.S. (contains insecticide - permethrin and petroleum naphtha), <i>Hazard Class</i> - 3, UN/ID Number - UN1993, PG - III, <i>DOT Label</i> - Limited Quantity, FLAMMABLE LIQUID	BX	D	159.30	6840-01-334-2666
All DoD personnel following label and MSDS familiarization may apply the following repellents.				
Insect Repellent, Clothing Application, Aerosol, Permethrin Arthropod Repellent, (12) 6-oz cans, <i>Proper Shipping Name</i> - AEROSOLS, NON-FLAMMABLE, N.O.S. (contains insecticide - permethrin, each not exceeding 1L capacity), <i>Hazard Class</i> 2.2, UN/ID Number - UN1950, PG - III, <i>D.O.T Label</i> -NONFLAMMABLE GAS	BX	D	38.41	6840-01-278-1336
Insect Repellent, Personal Application, 3M, (12) 2-oz tubes, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> - N/A	BX	D	34.32	6840-01-284-3982
Insect Repellent, Clothing Application, Permethrin, IDA Kit, 12 kits per box, <i>Proper Shipping Name</i> - FLAMMABLE LIQUID, N.O.S. (contains insecticide - permethrin and petroleum naphtha), <i>Hazard Class</i> - 3, UN/ID Number - UN1993, PG - III, <i>DOT Label</i> - Limited Quantity, FLAMMABLE LIQUID	BX	D	42.77	6840-01-345-0237

3. INSECTICIDES

The following insecticides must be applied by a DoD certified pesticide applicator or under the direct supervision of a DoD Certified pesticide applicator.

NOMENCLATURE	U/I	ACC	Price	NSN
Insecticide, Carbaryl, 5% Dust, Sevin, (12) 4-lb bags, <i>Proper Shipping Name</i> - CARBAMATE PESTICIDES, SOLID, TOXIC, N.O.S. (contains insecticide - Carbaryl), <i>Hazard Class</i> -6.1, UN/ID Number - UN2757, PG III, <i>DOT Label</i> -KEEP AWAY FROM FOOD	BX	D	153.68	6840-01-033-4481
Insecticide, Cyfluthrin, Tempo 2EC, (12) 240-ml bottles per box, <i>Proper Shipping Name</i> - PESTICIDES, LIQUID, TOXIC, FLAMMABLE, N.O.S. (contains insecticide - Cyfluthrin and xylene and cyclohexanone), <i>Hazard Class</i> - 6.1, UN/ID Number - UN2903, PG - III, <i>DOT Label</i> - KEEP AWAY FROM FOOD, FLAMMABLE LIQUID	BX	D	489.03	6840-01-313-7359
Insecticide, Cyfluthrin, Tempo 20WP, (288) 9.5g packs, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> -N/A	BX	D	380.00	6840-01-383-6251
Insecticide, Cypermethrin, Demon WP, 1-lb jar, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> -N/A	LB	D	57.76	6840-01-390-4822

NOMENCLATURE	U/I	ACC	Price	NSN
Insecticide, Deltamethrin, Delta Dust, 1-lb container, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> -N/A	LB	D	11.45	6840-01-431-3345
Insecticide, Dichlorvos (DDVP), 20%, Plastic Strip, box of 48, <i>Proper Shipping Name</i> - N/A (NOT DOT regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> -N/A	BX	D	181.01	6840-00-142-9438
Insecticide, Dursban, 42% chlorpyrifos, emulsifiable conc., 1-gal can, <i>Proper Shipping Name</i> - ORGANOPHOSPHORUS PESTICIDES, LIQUID, TOXIC, FLAMABLE, N.O.S. (contains insecticide - chlorpyrifos, and aromatic naphtha), <i>Hazard Class</i> - 6.1, UN/ID NUMBER - UN3017, PG - III, <i>DOT Label</i> - RQ >1000 lbs. (CHLORPYRIFOS), KEEP AWAY FROM FOODS, FLAMMABLE LIQUID	GL	D	114.87	6840-01-122-2651
Insecticide, Dursban, 42% chlorpyrifos, emulsifiable concentrate, Dursban 4E, 5- gal can, <i>Proper Shipping Name</i> - ORGANOPHOSPHORUS PESTICIDES, LIQUID, TOXIC, FLAMABLE, N.O.S. (contains insecticide - chlorpyrifos and aromatic naphtha), <i>Hazard Class</i> - 6.1, UN/ID Number - UN3017, PG - III, <i>DOT Label</i> - RQ>1000 lbs. (CHLORPYRIFOS), KEEP AWAY FROM FOODS, FLAMMABLE LIQUID	CN	D	482.02	6840-00-402-5411
Insecticide, Dursban, 20% chlorpyrifos, emulsifiable concentrate, Dursban Pro, 1 pt container, <i>Proper Shipping Name</i> - OTHER REGULATED SUBSTANCE, LIQUID, N.O.S. (contains insecticide - chlorpyrifos), <i>Hazard Class</i> - 9, UN/ID Number - NA3082, PG - III, <i>DOT Label</i> - CLASS 9, RQ	PT	Z	9.70	6840-01-412-4361
Insecticide, Methoprene, Altosid XR Briquettes, 220 briquettes/Box, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> - N/A	BX	D	705.80	6840-01-424-2495
Insecticide, Methoprene, Altosid SR 20 Liquid Larvacide, (2) 2.5 -gal co/BX, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> - N/A	BX	J	4905.24	6840-01-424-2493
Insecticide, Naled, 87.4%, Dibrom, Liquid, 30-gal drum, <i>Proper Shipping Name</i> - CORROSIVE LIQUID, POISONOUS, N.O.S. (contains insecticide - Naled), <i>Hazard Class</i> - 8, UN/ID Number - UN2922, PG - III, <i>DOT Label</i> - CORROSIVE, POISON	DR	J	3276.93	6840-01-270-9765 OPERATIONAL NOTE: FOR USE IN U.S. AIR FORCE AERIAL SPRAY SYSTEMS ONLY
Insecticide, Sumithrin-Piperonyl Butoxide (10%-10%), Anvil 10+10 ULV, (2) 2.5-gal co/BX	BX	D	800.00	6840-01-474-7751
Insecticide, Sumithrin-Piperonyl Butoxide, (10%-10%), Anvil 10+10 ULV, 250 gal mini-bulk container	CO	D	37087.50	6840-01-474-7706
Insecticide Pyrethrins, 3% pyrethrins with synergists, liquid, ULV Fog Concentrate, 1-gal can, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> - N/A	GL	D	75.35	6840-01-104-0780

NOMENCLATURE	U/I	ACC	Price	NSN
Insecticide, Resmethrin, Scourge, 5-gal can, <i>Proper Shipping Name</i> - N/A (NOT DOT regulated), <i>Hazard Class</i> - N/A, UN/ID # N/A, PG - N/A, <i>DOT Label</i> - N/A	CN	D	397.51	6840-01-359-8533
Insecticide, Temephos, Abate 4E, 2.5-gal cont., <i>Proper Shipping Name</i> - N/A (NOT DOT regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> - N/A	CO	J	812.55	6840-01-424-3132
The following insecticides must be applied by trained personnel or a DoD certified pesticide applicator.				
Insecticide, Bacillus thuringiensis, 10%, Bactimos Briquets, 100 briquettes per box, <i>Proper Shipping Name</i> - N/A (Not DOT regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> -N/A	BX	D	71.85	6840-01-377-7049
Insecticide, Lambda-cyhalothrin, Demand Pestab, 40 tablets/bottle, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> - N/A	CO	D	71.57	6840-01-431-3357
Insecticide, Fly Bait, 1% methomyl (Apache/Flytek/Golden Malrin) 5 lb. can, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> - N/A	CN	D	18.17	6840-01-183-7244
All DoD personnel following label and MSDS familiarization may apply the following insecticides.				
Insecticide, d-Phenothrin, 2% Aerosol, 12 Oz can, <i>Proper Shipping Name</i> - AEROSOLS, NONFLAMMABLE, N.O.S., (containing substances in Division 6.1), PG III, <i>Hazard Class</i> - 2.2, UN/ID Number - UN1950, PG -III, <i>DOT Label</i> - NONFLAMMABLE GAS	CN	D	6.40	6840-01-412-4634
Insecticide, Pyrethrins, allethrin, d-phenothrin, or resmethrin, aerosol, (12) 12-oz cans (Wasp Freeze /Wasp Stopper II Plus), <i>Proper Shipping Name</i> - CONSUMER COMMODITY, <i>Hazard Class</i> - ORM-D, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> - N/A	BX	D	57.95	6840-00-459-2443

4. RODENTICIDES

The following rodenticides must be applied by trained personnel or a DoD certified pesticide applicator.

NOMENCLATURE	U/I	ACC	Price	NSN
Rodenticidal Bait, Anticoagulant, 0.005% diphacinone, 40 blocks/box, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> - N/A	BX	D	47.96	6840-00-089-4664
Rodenticidal Bait, Anticoagulant, 0.005-0.0055% diphacinone or 0.025-0.028% Warfarin Pellets 5-lb can, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> - N/A	CN	V	8.93	6840-00-753-4973
Rodenticidal Bait, Anticoagulant, 0.005% Bromadiolone (Maki) pellets, 11-lb can, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> - N/A	CN	D	28.89	6840-01-151-4884
Rodenticidal Bait, Anticoagulant, Brodifacoum (0.005%) Talon G, pellets, 11-lb can, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> - N/A	CN	D	39.24	6840-01-426-4808
Rodenticidal Bait, Anticoagulant, concentrate 0.05-0.055% diphacinone or 0.33% pindone or 0.05-0.055% 2-solvalery-1, 3- indandione, 50 POUCHES/BOX, <i>Proper Shipping Name</i> - N/A (NOT DOT-regulated), <i>Hazard Class</i> - N/A, UN/ID Number - N/A, PG - N/A, <i>DOT Label</i> - N/A	BX	D	253.37	6840-00-753-4972

*ACQUISITION ADVICE CODES (ACC)

Code D. DoD INTEGRATED MATERIAL MANAGER (IMM) STOCKED, AND ISSUED. Issue, transfer, or shipment is not subject to specialized controls other than those imposed by the Integrated Material Manager/Military Service supply policy.

1. The item is centrally managed, stocked, and issued.
2. Requisitions will be submitted in accordance with Military Service requisitioning procedures.

Code H. CENTRAL CONTRACT - NOT STOCKED ITEM. Direct delivery under central contract # (non-stocked items) issue, transfer, or shipment is not subject to specialized controls other than those imposed by IMM/Service/Agency supply policy.

1. The item is centrally managed and procured.
2. Normal issue is by direct shipment from the vendor to the user at the order of the ICP or IMM. However, orders for quantities less than the vendor's minimum order quantity may be issued from stock by ICP or IMM supply distribution facilities.
3. Requisitions and fund citations will be submitted in accordance with IMM/Service/Agency requisitioning procedures.
4. Generally, delivery will be made within applicable Service/Agency guidelines addressing customer required delivery time frame.

Code J. NOT STOCKED, CONTROLLED PROCURED. Identifies IMM/Military Service centrally managed but not stocked items. Long lead times must be anticipated, since procurement will be initiated only after receipt of a requisition. Requisitions will be submitted in accordance with IMM/Military Service requisitioning procedures.

Code L. LOCAL PURCHASE. IMM/Military Service-managed items authorized for local purchase, as a normal means of support, by the Military Service, or base, post, camp, or station level. Items not stocked in wholesale distribution system of IMM/Military Service ICP. The local purchase forms authorized by the individual IMM/Military Service must be used. NOTE: GSA FSS items are included.

****Price.**

Prices listed in paragraph E, above, are as of November 6, 1997, and are subject to change. Prices are provided as a reference benchmark.

F. Emergency Procurement of Pesticides and Pest Management Equipment.

1. Deploying and/or deployed forces often need pesticides and pest management equipment on short notice. The Defense Logistics Agency has established Emergency Supply Operations Centers (ESOCs) to help meet these needs.

2. For emergency procurement of pesticides, including repellents and pest management equipment, pesticide application equipment, etc.: Contact the Defense Supply Center Richmond (DSCR) Emergency Supply Operations Center (ESOC) at DSN 695-4865 [Commercial (804) 279-4865]. The Richmond ESOC is staffed 24 hours, 7 days a week.

3. For technical logistical inquiries, contact the DSCR Chemist at DSN 695-3995 or commercial at (804) 279-3995 during normal duty hours [0730-1400 hrs eastern standard time (EST)] or via pager number 1-888-824-4030, which is available 24 hours, 7 days a week. Fax number is 1-804-279-3653.

4. For personal protection equipment (bednets, headnets, respirators, etc.): Contact the Defense Supply Center Philadelphia ESOC Customer Assistance Branch at DSN 444-3041/3042/3043 or Commercial at (215) 737-3041/3042/3043. The Philadelphia ESOC is staffed 0630-1700 hours Monday through Friday, EST.

G. Armed Forces Pest Management Board (AFPMB) Technical Information Memorandum (TIM) 24, "Contingency Pest Management Pocket Guide."

1. This TIM is intended for field use during exercises and contingency operations by deployed forces. It provides basic information on using pesticides and pest management equipment to control disease vectors and pests during field operations worldwide.

2. Most of the pesticides listed in paragraph E., above, and addressed in AFPMB TIM 24, should only be applied by preventive medicine personnel or pest control personnel who have been formally trained and certified in accordance with DoD 4150.7-P, "The DoD Plan for the Certification of Pesticide Applicators," September 30, 1996. All other personnel should not procure or use pesticides unless specifically authorized by Service instructions, regulations, or directives.

3. You may obtain copies of TIM 24 and other AFPMB publications by writing to: The Defense Pest Management Information and Analysis Center, Forest Glen Section, WRAMC, Washington, DC 20307-5001, or calling DSN 295-7479 or commercial (301) 295-7479. You may also electronically access AFPMB publications via the AFPMB home page: <http://www-afpmb.acq.osd.mil>

4. If additional information is needed to clarify specific issues, contact the AFPMB, Contingency Liaison Officer by writing to AFPMB, ATTN: Contingency Liaison Officer, Forest Glen Section, WRAMC, Washington, DC 20307-5001, or calling DSN 295-7476 or commercial (301) 295-7476.