LESSON 8 - MANAGEMENT OF ARTHROPODS THROUGH INDIVIDUAL PMM
Lesson Objectives

- Identify the components of the DoD Arthropod Repellent System.
- Select, in order, the steps required to treat uniforms using the IDAA kit.
- Recognize the correct procedure to treat uniforms using the .5% aerosol can method.
Lesson Objectives

- Recognize the correct procedure to treat uniforms using the 2-gallon sprayer.
- Recognize the correct procedure to treat skin using DEET.
- Recognize proper wear of the uniform in the field setting.
- Identify the measures taken to protect “at risk” soldiers from arthropod-borne illness.
THE DOD ARTHROPOD REPELLENT SYSTEM

5% AEROSOL CAN

2 GALLON SPRAYER

PERMETHRIN

IDAA KIT

DEET

PROPER WEAR OF THE UNIFORM
Permthrin on the Uniform

You can apply permethrin to:
- Your uniform
- Tentage
- Tent liners
- Insect netting
IDAA Kit

- Individual Dynamic Absorption Application kit
Treating the BDU Jacket - Step 1

PROCEDURE FOR TREATING BATTLE DRESS UNIFORM WITH INSECT/ARTHROPOD REPELLENT PROACTIVE TREATMENT

BAG A. COAT

1. Lay coat flat, fold sleeves across front, fold shoulder to shoulder and roll tightly. Tie tightly with string.
Treating the BDU Jacket - Step 2

2. Pour 3/4 full canteen cup of clear water into bag.
Treating the BDU Jacket - Step 3

3. While wearing protective gloves, empty contents of one bottle into bag. Drop bottle and cap into bag. Hold upright and gently shake 2 times to mix.
Treating the BDU Jacket - Step 4

4. Place rolled coat in bag and zip lock.
Treating the BDU Jacket - Step 5

5. Gently shake bag 2 times and then let rest at least 3 hours.
Treating the BDU Trousers - Step 1

BAG B-TROUSERS

1. LAY TROUSERS FLAT, FOLD LEG TO LEG AND ROLL TIGHTLY. TIE MIDDLE OF ROLL TIGHTLY WITH STRING.
Treating the BDU Trousers - Step 2

2. Pour 3/4 full canteen cup of clear water into bag.
3. While wearing protective gloves, empty contents of one bottle into bag. Drop bottle and cap into bag. Hold upright and gently shake 2 times to mix.
Treating the BDU Trousers - Step 4
Treating the BDU Trousers - Step 5

5. Gently shake bag 2 times and then let rest at least 3 hours.
Hang the Treated Uniform to Dry

Hang for 3 or more hours; or machine dry.
Mark the Dry Uniform
.5% Aerosol Can Method

Reapply after six weeks or six launderings.
Select a site outside protected from the wind.
.5% Aerosol Can - Step 2
Treating the Bed Net
.5% Aerosol Can - Step 4
2-gallon Sprayer Method
Lay uniform flat and in a protected area.
Put on safety equipment.

Triple rinse the sprayer.
2-gallon Sprayer - Step 3

- Add 1 gallon of clean water.
- Empty pesticide container into tank.
- Add 1 more gallon water.
Close the sprayer and agitate.

Pressurize sprayer.
Spray uniform using fan nozzle.
Hang uniform in shade to dry.
Treating Bed Nets and Tentage

- Retreat every 9 months in moderate climates
- Retreat every 6 months in tropical climates
DEET on the Skin
Applying DEET to the Skin - Step 1
Applying DEET to the Skin - Step 2

- Be sure to cover ALL exposed skin and 2 or 3 inches below hem lines.
- Avoid eyes and other sensitive areas.
Wash hands thoroughly after application.
Proper Wear of the BDU

What is acceptable in the field may differ greatly from what is acceptable in garrison.
BDU Jacket
BDU T-shirt
Consider applying a thin layer of DEET to your abdomen to protect yourself from insects.
BDU Trousers
Overall Fit of the BDU

- The BDU should NOT be:
  - Tightly fitted.
  - Starched.
Head Nets
REMEMBER:

- The BDU is designed to protect you. When you are not wearing it, you are at higher risk for arthropod-borne illness.
Screen-in Billets
Use Bed Nets
Apply DEET
Avoid Insect Habitats