NATIONAL VETERINARY STOCKPILE UPDATE

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U.S. DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
VETERINARY SERVICES
DATE: OCTOBER 14, 2017
Topics

- Supplies
- Equipment
- 3D Response Support Services
- T&E Program
Enhanced 24 Hour Push Pack

- Contains PPE and decontamination supplies.
- Deploys within 24 hours of APHIS’ approval.
- Arrival will precede additional items necessary to continue supporting the response.
Module 4 - Respirators

Module 4 – Respirator

N-95 or P-95
- 3M 8511
- 3M 8210
- 3M 9210
- 3M 9211
- 3M 8271
- 3M 8293
- 3M 8233
- 3M 8110
- Moldex 2700

Additional respirators are in accordance with the USDA-APHIS Respiratory Fit Testing Standard Operating Procedure January 2015.
Additional PPE

- Suit Sizes (L – 6X)
- Gloves (S – 2XL)
- Boot covers (L – 3XL)
- Bouffant Cap

Gloves, Nitrile, 12” Extended Cuff
Gloves, Cut Resistant
Gloves, Nitrile, 22mil 15”
Gloves, Nitrile 24”
Boot Cover, Hazmat 12”
Bulk PPE

Kits
Tychem Gray

OBsolete
Tychem Yellow

Bulk

Contains cases instead of individual kits; suits, gloves, boot covers, goggles, or respirators.
24 Hour Push Pack Configuration

<table>
<thead>
<tr>
<th>Level of Protection</th>
<th>Personal Protective Equipment</th>
<th>Decontamination Supplies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Protection</td>
<td>2 White Tyvek Modules</td>
<td>1 N95/P100 Respirator Module</td>
</tr>
<tr>
<td></td>
<td>1 Yellow Tychem Module</td>
<td></td>
</tr>
<tr>
<td>High Protection</td>
<td>2 White Tyvek Modules</td>
<td>1 N95/P100 Respirator Module</td>
</tr>
<tr>
<td></td>
<td>1 Gray Tychem Module</td>
<td>1 PAPR Module</td>
</tr>
</tbody>
</table>

- Bulk PPE
- Respirator - Module 4
- No Kits
- Standard Protection supports 15 responders for 10 days changing 6 times/day
- High Protection supports 12 responders for 10 days changing 6 times/day
Foam Equipment

Dual high-expansion foam generator

Nozzle
Foam Equipment

Model NC / 21st Century

Model AV STC – 3 (Kifco)

LogPac Trailer

- Gas Engine
- Dual high-expansion foam generator
- Cart Mounted Spumifer
- Dual foam concentrate injection pump
Foam Equipment

Model AV-STC

- 2 - 3,000 Gal. Portable Water Holding Tanks
- 4 - 60 GPM AG-1 Spumifer Nozzles
- 42Hp Kubota Diesel Engine
- Darley Centrifugal Pump
- Single foam concentrate Injection Pump
- 24 - 5 Gal. Containers of Class A Phos-Chek Foam Concentrate
Foam Equipment

Model AV-STC AW

- 2 - 3,000 Gal. Portable Water Holding Tanks
- 4 - 60 GPM AG-1 Spumifer Nozzles
- 42Hp Kubota Diesel Engine
- Darley Centrifugal Pump
- Single foam concentrate Injection Pump
- 24 - 5 Gal. Containers of Class A Phos-Chek Foam Concentrate
- Enclosed trailer, diesel generator, heaters and power blankets for cold weather ops.
# Cold Weather Package

## 55 Gallon Drum Heater
- 120V 400/800W
- Fixed Thermostat

## 400,000 BTU Heater
- 12"x 24' duct
- 12"x 24' duct

## Engine Block Heater
- 200 Watts

## Cold Weather Package List

<table>
<thead>
<tr>
<th>#</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>K125 Space heater</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>Extension Cord 100' 12gauge</td>
<td>4</td>
</tr>
<tr>
<td>3</td>
<td>Power Blanket (55 gal. Barrel heater)</td>
<td>4</td>
</tr>
<tr>
<td>4</td>
<td>Fuel can 5 gal.</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>Engine block heater Not shown</td>
<td>4</td>
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<tr>
<td>6</td>
<td>Rain Cap</td>
<td>1</td>
</tr>
<tr>
<td>7</td>
<td>2.6&quot; X 24&quot; Flue Pipe</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td>400,000 BTU Space heater</td>
<td>1</td>
</tr>
<tr>
<td>9</td>
<td>12&quot;x 24' duct</td>
<td>2</td>
</tr>
<tr>
<td>10</td>
<td>12&quot;x 24' duct</td>
<td>1</td>
</tr>
</tbody>
</table>

## 125,000 BTU Torpedo Heater
- Heats up to 3,000 Sq.ft. 11 hour full load run time 10 gallon fuel capacity
- Thermostat with digital room temp readout and digital diagnostics
- 0.95 (gal/hr) fuel consumption
- Separate fuel cap and exclusive run time fuel gauge
- Cart included
- 1K Kerosene and Diesel
- Push Button - Electronic Ignition
- Safety Tip Over Switch
- Safety Flame Out Sensor LED
- Power Lamp Indicator Air Pressure Gauge
- Rubber/Pneumatic Wheels

## 5K Generator
- Diesel
- Fixed Thermostat
PHOS-CHEK WD-881
Class A foam concentrate

- Environmentally friendly, biodegradable and have no EPA reportable content.
- Do not contain PFOA (Perfluorooctanoic Acid) or PFOS (Perfluorooctane sulfonic Acid) which are a risk to human health and the environment.
- Fluorinated surfactants (PFOA/PFOS) are used in Class B foam concentrates.
Whole House CO2

**Distribution Manifold**
- Liquid CO2 delivered from tanker to this manifold
- Connects to 4 dosing manifolds

**Dosing Manifolds**
- Deliver CO2 gas to poultry barn
- Four manifolds spaced at the ends of the barn

**CO2 LogPac Trailer**
Poultry CO2 Trailer (MAD)

- Portable gassing system for small flock capacity 300 broilers; 440 layer hens; 80 turkey (hens) Stainless steel construction
- Transport by half-ton vehicle Dynamic top loading
- Dumping capability for easy disposal
Turkey Euthanasia Device (TED)

- Easy to use & maintain,
- 1,000 stuns per fuel canister, $0.01 per stun, One person operation.
- Power Source: Gas Canister Cordless Tool, Fully Portable.
- Fully sequential safety mechanism

TED Fuel: Paslode Part No.: 816007

Included in Kit:
- Subject Adapters
- Two (2) 3.6V Lithium Ion batteries AC/DC Charger
- Safety Glasses  Carrying Case
NVS CATALOG

- Contains supplies and equipment
  - (individual or Bulk; no kits)
- Describes contents of each module
- Personal Protective Equipment (PPE)
- Decontamination supplies
- Respirators
- Vaccine ancillary supplies
- Animal handling and depopulation equipment
- Cold chain packaging supplies
- Carcass disposal supplies
- Communication equipment
GPS Tracking

- Battery powered
- Live map with route optimization/ 60 second or less intervals.
- Real Time Data Application/tracking system
- Mobile App Capability
- Can be cleaned and disinfected using water or heat up to 120 degrees.
3D RESPONSE SUPPORT SERVICES

• Depopulation, disposal, decontamination (3D), or other services to support incident command.

• Trained and self sufficient contractors with their own equipment.

• Training, training, and more training!!!
Foam Maintenance Training

University of Delaware
August 22 – 23, 2017
District Foam Depopulation Training

District 1
September 12 – 14, 2017
Glenmont, NY
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