The Aprehend™ Sprayer Kit

Contents:

1x Spray gun
1x Mini Air Compressor
1x Coiled Air Hose
1x Lithium battery 12V DC (2200 mAh)
1x Battery Charger
1x Car charger (12V DC 2000 mAh)
1x AC Adapter
1x Battery to compressor connector
1x Waist or Shoulder pouch

Quick Start Guide:

1. The battery comes fully charged.
2. Connect the coiled air hose to the air outlet on the compressor and the air inlet on the gun, ensuring an airtight fit at both ends.
3. Connect the battery to the compressor using the supplied lead.
4. Shake bottle of Aprehend™ and fill the sprayer bottle with formulation.
5. Place all items in the supplied waist or shoulder pouch.
6. Turn on the battery and compressor. When the spray gun trigger is pressed, the compressor will power the gun.

Visit www.Conidiotec.com for detailed training videos covering use and maintenance of this spray equipment, preparation protocols, use of Aprehend for prevention and control of bed bug infestations, and use strategies.

Components

Compressor, battery pack and connector

Spray gun and 3 oz bottle/cartridge

Coiled air hose

Car charger   Wall charger   AC adapter

Red light

Green light

Waist pouch   Shoulder pouch

Instructions for set-up

Charging the battery – wall charger

Connect the battery to the charger and place the switch on the battery to the ON position. Connect the charger to the wall outlet. Both the RED and GREEN lights should illuminate. When the battery is fully charged, the green light will go out, leaving only the red light on.

Disconnect the charger, and switch the battery to the off position until use. The fully charged battery should provide 90 minutes of spray power.

Charging the battery – car charger

Connect the battery to the car charger for topping up the battery between jobs.

Using the AC adapter

The compressor can be connected directly to the wall via the AC adapter. This method of powering the compressor is only intended as a back-up if the battery has completely discharged.

The Compressor

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Power supply input

Aprehend

Air pressure adjustment valve
KEEP CLOSED

On/Off button   Air outlet

Always ensure that the air pressure valve is tightly closed to ensure correct spray pattern.

Instructions for set-up and use

Compressor contd.

Connect the coiled air hose to the air outlet valve on the compressor and the inlet valve on the spray gun. Ensure that both ends are tightly fitted to prevent air leakage, use Teflon tape if necessary to ensure a tight seal. The On/Off button on the compressor can be left in the "ON" position permanently. The compressor can be turned on and off using the power switch on the battery. The compressor will run for a few seconds to prime the system and will then automatically shut off until spray gun trigger is depressed for spraying, and will stop automatically as soon as the trigger is released. If you find that the compressor runs intermittently, this is indicative of an air leak. Always remember to turn OFF the power at the battery at the end of each job to conserve battery power.

Filling with Aprehend™ - DO NOT ADD WATER

Aprehend™ is ready to use - shake the bottle 10X to ensure that the spores are fully suspended. Remove the spray bottle/cartridge from the spray gun and fill with Aprehend™. Re-attach the spray bottle to the gun. Place the battery and compressor in the pouch and hook the spray gun onto the side of the pouch.

Spray Gun

The spray gun bottle or cartridge is easily removed for filling with Aprehend. Shake the bottle of Aprehend to ensure that all the spores are fully suspended. Remove the spray bottle/cartridge from the spray gun and fill with Aprehend. Re-attach the spray bottle to the gun. Place the battery and compressor in the pouch and hook the spray gun onto the side of the pouch.

After each use, pour any remaining Aprehend™ back into the product bottle, and clear the remaining formulation from the nozzle by placing a gloved finger over the end of the gun and depressing the trigger so that air from the compressor blows the remaining formulation back into the bottle. Wipe out the bottle with paper towel.

Correct spray technique

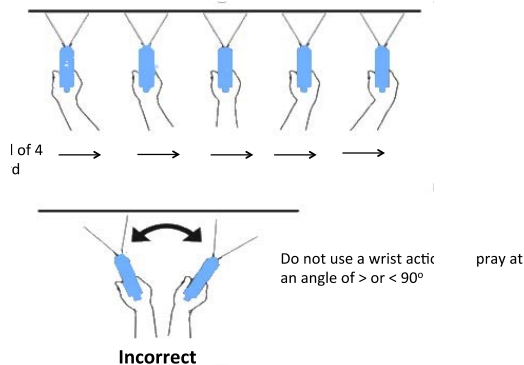**See training videos at www.conidiotec.com for detailed instructions**

When applying Aprehend™, always ensure that you keep the spray gun pointed directly at the surface to be sprayed. Spraying at an angle will reduce the efficacy of the application and could result in poor coverage of the target area. Try not to pivot your wrist as you apply the spray barrier, but move with your arms you spray across the surface. The spray gun nozzle should be held approximately 3 to 4 inches from the target surface. Move the gun at a rate of approximately 4 to 5 seconds per yard.
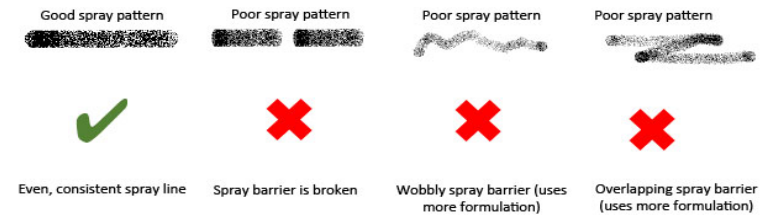
Barrier application

Aprehend™ should be applied to surfaces where bed bugs are likely to walk. Application of a consistent **2" spray barrier** will provide optimal bed bug control. Correct application of Aprehend™ according to these instructions will result in an application rate of 1 fl oz per 100 linear ft.

Refer to the training videos for detailed information on use of Aprehend™ for control and prevention of bed bug infestations.

Spray technique

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Do not use a wrist actio   pray at
an angle of > or < 90º

Incorrect

Spray pattern

Good spray pattern	Poor spray pattern	Poor spray pattern	Poor spray pattern
✔	✘	✘	✘
Even, consistent spray line	Spray barrier is broken	Wobbly spray barrier (uses more formulation)	Overlapping spray barrier (uses more formulation)

Health and Safety

Always follow the label instructions prior to use of Aprehend™ . As with all pesticides, wear appropriate personal protective equipment during application of Aprehend™.

Cleaning and Maintenance

At the end of each job, return unused Aprehend™ to the product bottle and clear the nozzle of unused formulation by placing a gloved finger over the nozzle while depressing the trigger. Never use water based cleaning products to clean out the gun. If blockages occur run approximately 0.5 oz of rubbing alcohol though the system and back flush to remove the excess. Allow the gun to dry completely before re-use.

Spare parts and replacement batteries are available from your supplier or directly from, www.Conidiotec.com. Please contact CondioTec directly if you experience any problems with this spray equipment.

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Aprehend™
Biological bed bug control