

# Control Mosquitoes to Prevent Costly Bite Marks on Hogs

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Mosquitoes can cause excessive bite marks and blemishes on the skin of hogs. Dockage can cost growers about \$7–8 per hog if the carcass needs to be completely skinned to remove the bite marks.

## On-animal sprays

To immediately reduce mosquito numbers, apply a quick-knockdown on-animal insecticide directly over the hogs using a STIHL<sup>®</sup> SR 450 mist blower or a Hurricane<sup>™</sup> fogger. Apply the insecticides at dusk when mosquitoes are most active.

**EverGreen<sup>®</sup> 100 Synergized ULV Concentrate** – Apply undiluted at 1.25 fluid ounces per 1,000 cubic feet of space. Direct the spray toward the upper portions of the barn above the hogs, filling the room with mist or fog.

**Pyronyl<sup>™</sup> Crop Spray or Stryker<sup>®</sup> Insecticide Concentrate or EverGreen<sup>®</sup> Pro 60-6** – Mix two fluid ounces per one gallon of water; apply this mixture to thoroughly wet the hair of the hogs.



*Culex* mosquito (Photo: USCDC)

## Empty-barn residual sprays

During barn clean-out or when the hogs are not in the barn, insecticides with longer residual effects can be applied onto the surfaces of the empty barn where mosquitoes will tend to congregate once the hogs are placed inside. Empty-barn residual sprays can provide months of residual control. The hog barns need to be empty of animals to safely



treat with residual insecticides; the hogs can be placed immediately in the treated barns once the spray has dried out. Apply using an ordinary pump sprayer or a STIHL<sup>®</sup> SR 450 mist blower.

**PermaCap<sup>™</sup> CS** – Mix 5.3 fluid ounces PermaCap<sup>™</sup> CS per 1 gallon of water to spray 1,000 square feet surface area. Spray surface areas in and around the barn where mosquitoes might alight before feeding on the hogs.

**Optimate<sup>®</sup> CS** – Mix 0.65 fluid ounce per one gallon of water to spray 1,000 square feet surface area. Spray surface areas in and around the barn where mosquitoes might alight before feeding on the hogs.

**Onslaught<sup>®</sup> FastCap** – Mix 0.5 fluid ounce per one gallon of water to spray 1,000 square feet surface area. Spray surface areas in and around the barn where mosquitoes might alight before feeding on the hogs.

Prior to using any product mentioned in this article, carefully read and follow all available instructions, warnings and safety information made available by the product's manufacturer.

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