

## He Repels Mosquitoes “Naturally”

Steve Moore, aka Mosquito Steve, knows about mosquitoes from real-world experience. He deliberately hung out with them - getting up to 2,000 bites per evening - to develop a better repellent.

“I do it because lab testing doesn’t mimic the results we’re getting outdoors,” Moore says. His safe and natural products are attracting the attention of people who want to spend time outdoors, moms protecting their children, and livestock owners who want to reduce flies, ticks, and pests that bother their animals.

Moore’s quest began after he had a job setting up yard and misting systems using repellent products that were expensive and toxic. He researched alternative ingredients for several years, created a portable mister, and started Mosquito Steve in 2010.

He only uses ingredients on the EPA’s 25(b) list that are considered safe and don’t require registration. That includes essential oils such as lemongrass, peppermint and cinnamon, which leave a pleasant smell.

Products like his Supermax spray work by irritating the mosquitoes’ antennas so they stay at least a foot away. Running a sprayer mister that covers a 1/4 acre for just 2 1/2 min. detracts mosquitoes for up to 6 hrs., and it’s safe for humans, pets and pollinators - right after spraying.

“The yard spray takes away the hiding places mosquitoes go to,” Moore says. “It’s about the dose, and it will kill chiggers and fleas because they are so small.” Using the hose end sprayer, which covers up to 5,000 sq. ft., the yard spray can be effective for up to two weeks.

By adding granules (corn cob bits with his formula) that activate with rain, the protection lasts even longer.

Moore recommends a multi-layer approach. For example, a homeowner can mist the yard, sprinkle granules in potted plants and standing water to prevent mosquitoes from laying eggs, and burn incense or candles.

Granules sprinkled on the ground also



**Running a sprayer mister that covers a 1/4 acre for just 2 1/2 min. detracts mosquitoes for up to 6 hrs., and it’s safe for humans, pets and pollinators - right after spraying, according to Mosquito Steve.**

repel snakes and insect pests at campsites. Campers and hikers use Supermax personal spray that’s safe for skin and clothing, lasts 4 hrs. or more, and can be reapplied. It’s also effective for dogs to prevent fleas and ticks.

“With the fly spray on horses, you’ll get protection for 3 days, and it cools their skin,” Moore says, adding he sells in bulk for cattle oilers. He’s working on deterring grasshoppers for crop protection. And he plans to have a mister that covers an acre by 2024.

Currently, he sells the 1/4-acre sprayer for \$700. It has a 9-gal. reservoir and remote control with a Wi-Fi bridge to spray at certain times. Supermax sprays range from \$9 to \$34.

Products are available through the Mosquito Steve website and [www.tractorsupply.com](http://www.tractorsupply.com).

Contact: FARM SHOW Followup, Mosquito Steve, 2353 Santa Anna Avenue, Ste. 19, Dallas, Texas 75228 (ph 214-520-0041; [info@mosquitosteve.com](mailto:info@mosquitosteve.com); [www.mosquitosteve.com](http://www.mosquitosteve.com)).



**The Rack fits on a headrest or hooks on a bracket for permanent or portable storage in a van or workshop.**

## “The Rack” Organizes Cordless Tools

As a contractor working out of his truck for 15 years, David Convertini knew there had to be a more efficient way to store his valuable cordless tools and batteries that would keep them both safe and easy to reach. The idea for The Rack came to him while putting on a metal roof, and he built a prototype that day onsite.

“It fits on unutilized space off the back of the headrest,” Convertini explains.

After removing the headrest on the passenger seat of his pickup, The Rack’s 1-in. square steel frame with an open channel slips over the holes for the headrest legs. Putting the headrest back in place secures the frame and rack that holds batteries and tools by their belt clips.

With encouragement from friends and contractors, Convertini took three versions of The Rack to the National Hardware Show in Las Vegas in February.

“I launched it there to get it out in the public and get feedback. It was astronomical and got real,” he says. He listened to distributors and retailers who were interested in it, and he redesigned The Rack into one tool that fits on a headrest or hooks on a bracket for permanent or portable storage in a van or workshop.

The Rack (patent-pending) is made in the U.S. and is powder-coated. It sells for \$159 and can be purchased through his Vehicle Storage Solution website, Amazon, and other wholesale and retail dealers.

“My main purpose was for someone working out of a vehicle, but now it’s movable to use in a shop setting or any site for anyone with power tools.

Contact: FARM SHOW Followup, David Convertini, Vehicle Storage Solution, (ph 716-880-0546; [convertini.vss@gmail.com](mailto:convertini.vss@gmail.com); [www.vehiclestoragesolutions.com](http://www.vehiclestoragesolutions.com)).

## “Baby Beaver” Cuts Limbs, Brush

Compact tractor and compact skid steer owners have a new option for trimming brush and trees with the new U.S.-made Baby Beaver, manufactured by Limb Beaver, based in Tennessee.

It’s the same design used on attachments for larger equipment, with a cutting assembly actuated by a hydraulic swing that tilts in several positions, including 45 degrees down from horizontal to cut ditches.

“What I liked about it was the cut path and the smoothness of branches after cutting them,” says Wendell DeVries, who purchased the rights/business from the inventors of the Limb Beaver. “The material falls straight to the ground. It’s safe to operate and fast - I can do miles in a day.”

Maintenance is easy. Double-sided teeth stay sharp and last for years.

Weighing only 265 lbs., the 48-in. Baby Beaver cuts through limbs and trees up to 3 in. in diameter at 4,500 rpm’s. It can reach and cut up to 198 in. high but folds to 59 in. high by 64 in. wide for transport. The quick-attach implement sells for about \$7,000 and is sized for 30 to 60-hp. tractors and skid steers, including stand-on models. Because it cuts well ahead of the tractor, the Baby Beaver is safe for small landowners and hobby farmers to use for clearing walking paths in the woods, trimming brush and limbs along the edge of the woods, and cutting ditches.

Larger models for bigger skid steers, tractor loaders, boom mowers, and excavators range from \$18,000 to \$26,750 and cut 5 1/8-in. swaths up to 6 in. diameters. They are ideal for golf courses, snowmobile trails, parks, municipalities, and farms.

The investment and time spent trimming limbs and brush encroaching farm fields can



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pay for itself quickly, DeVries says, by adding acreage that can be farmed.

“It’s not killing the trees, we’re just giving them a haircut,” he adds.

The website includes videos of Limb Beavers in action and ordering information. Employees work with customers to choose the right model to match equipment for standard flow or high flow hydraulics and different motor sizes.

Contact: FARM SHOW Followup, Limb Beaver, 3566 Robbins Nest Rd., Thompson Station, Tenn. 37179 (ph 844-697-5505; [sales@LimbBeaver.com](mailto:sales@LimbBeaver.com); [www.LimbBeaver.com](http://www.LimbBeaver.com)).



**Wi-Fi extender with antenna can reach up to 3 miles.**

## Farm-Tested Wi-Fi With Extender

Recently, a member of the American Pastured Poultry Producers Association (APPPA) raised a question in the member forum about Wi-Fi extenders. One member recommended a unit from C. Crane that uses a transmitter in the house and an antenna that can create a hotspot in a building up to half a mile distant. FARM SHOW decided to follow up with the company on this and other options for a rural property.

C. Crane is a 30-year-old Humboldt County, Calif., firm specializing in all types of radios, antennas and other audio equipment, as well as Wi-Fi systems. Unlike many companies today, they actually do answer their phones and provide clear customer service.

Wi-Fi solutions include home and extended access systems, such as those discussed in the APPPA forum, and even a radio alarm clock that can access over 100,000 internet radio stations worldwide.

Most of the extenders the company offers were similar to the system the APPPA member endorsed. They consist of a transmitter connected to the network in the house and an antenna in a second building. Distances can be as much as 3 miles away. However, Wi-Fi at the second site is limited, depending on the system, to ethernet or wireless service in the second location.

Neither system provides Wi-Fi access in the area between the two locations or in the general area. C. Crane customer service

offered an alternative.

“We offer custom access systems, such as are used at RV parks and campgrounds to provide extended Wi-Fi access,” suggests the customer service representative. “They offer line-of-site connectivity, depending on the device being used. We have people getting Wi-Fi access up to a quarter mile away. The newer the device, the better they connect.”

The Custom Access Point Wi-Fi provides outdoor Wi-Fi service for up to 20 to 50 people downloading general content and email. Obstructions such as trees or buildings will interfere with reception. While a range of two to three city blocks is considered realistic, a powerful laptop or an external USB antenna with line-of-site and no obstructions can receive Wi-Fi up to a mile away from the transmitting antenna.

“If ordering a Custom Access Point Wi-Fi System, you need to call customer service to design the system and create a network name and wireless password,” suggests the customer service representative.”

The total cost of a system is estimated to run around \$315, including the transmitting antenna. It’s not available for purchase online, but only through customer service.

Contact: FARM SHOW Followup, C. Crane, 172 Main St., Fortuna, Calif. 95540 (ph 800-522-8863; [customerservice@ccrane.com](mailto:customerservice@ccrane.com); [www.ccrane.com/access-point/](http://www.ccrane.com/access-point/)).