



4-Poster Deer Treatment Devices to Reduce Ticks

This presentation by the U.S. Centers for Disease Control and Prevention, the New York State Department of Health, and the Yale Emerging Infections Program accompanies a survey related to the use of 4-Poster Deer Treatment Devices (or 4-poster devices) to reduce ticks in areas where people live and to possibly reduce tickborne diseases.



**spread
several
diseases,
including
Lyme
disease**



**Deer are
important
for ticks to
reproduce**



Photo courtesy of USDA NRCS



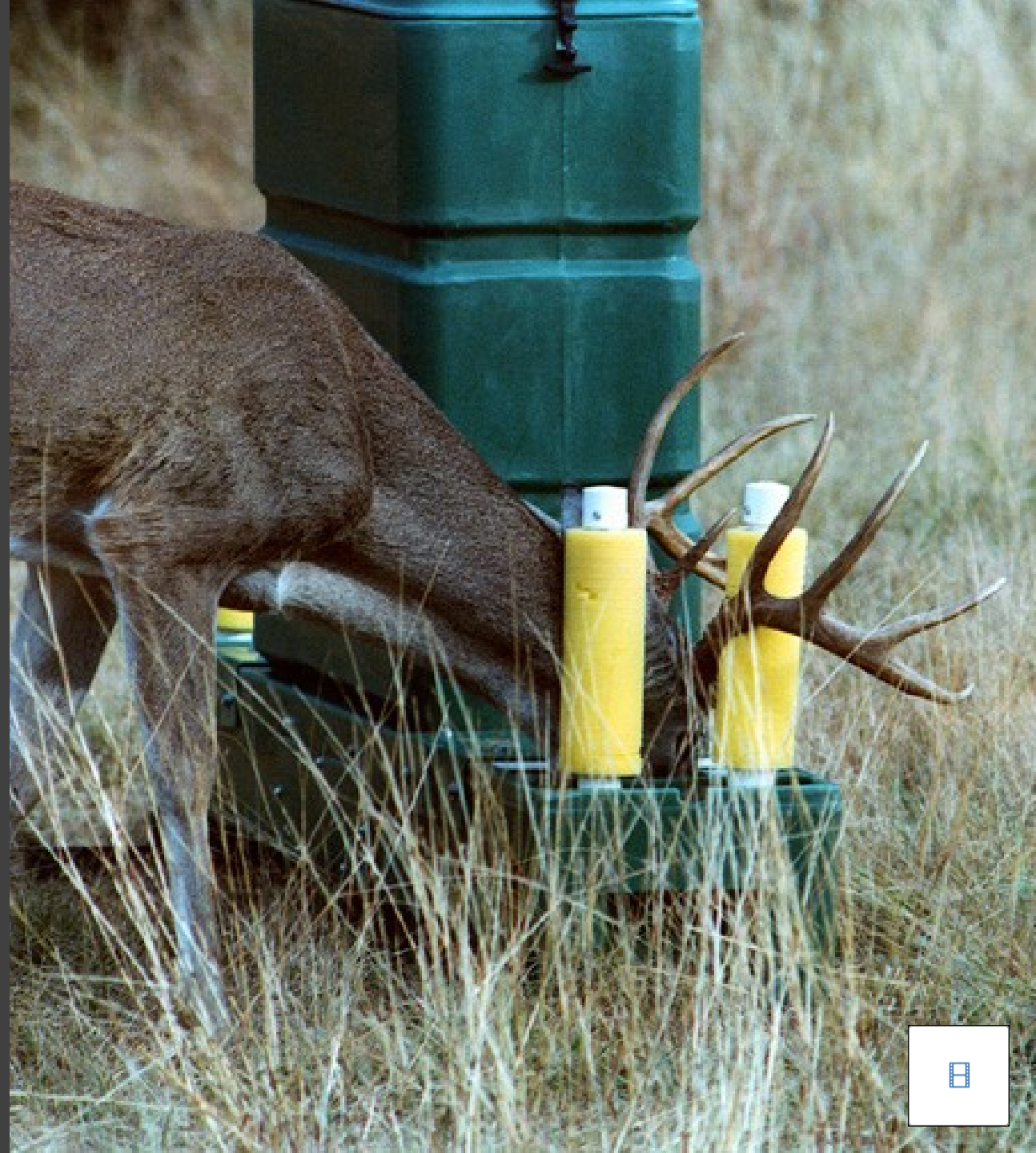
treats
deer with
a
pesticide
that kills
ticks



How the device works

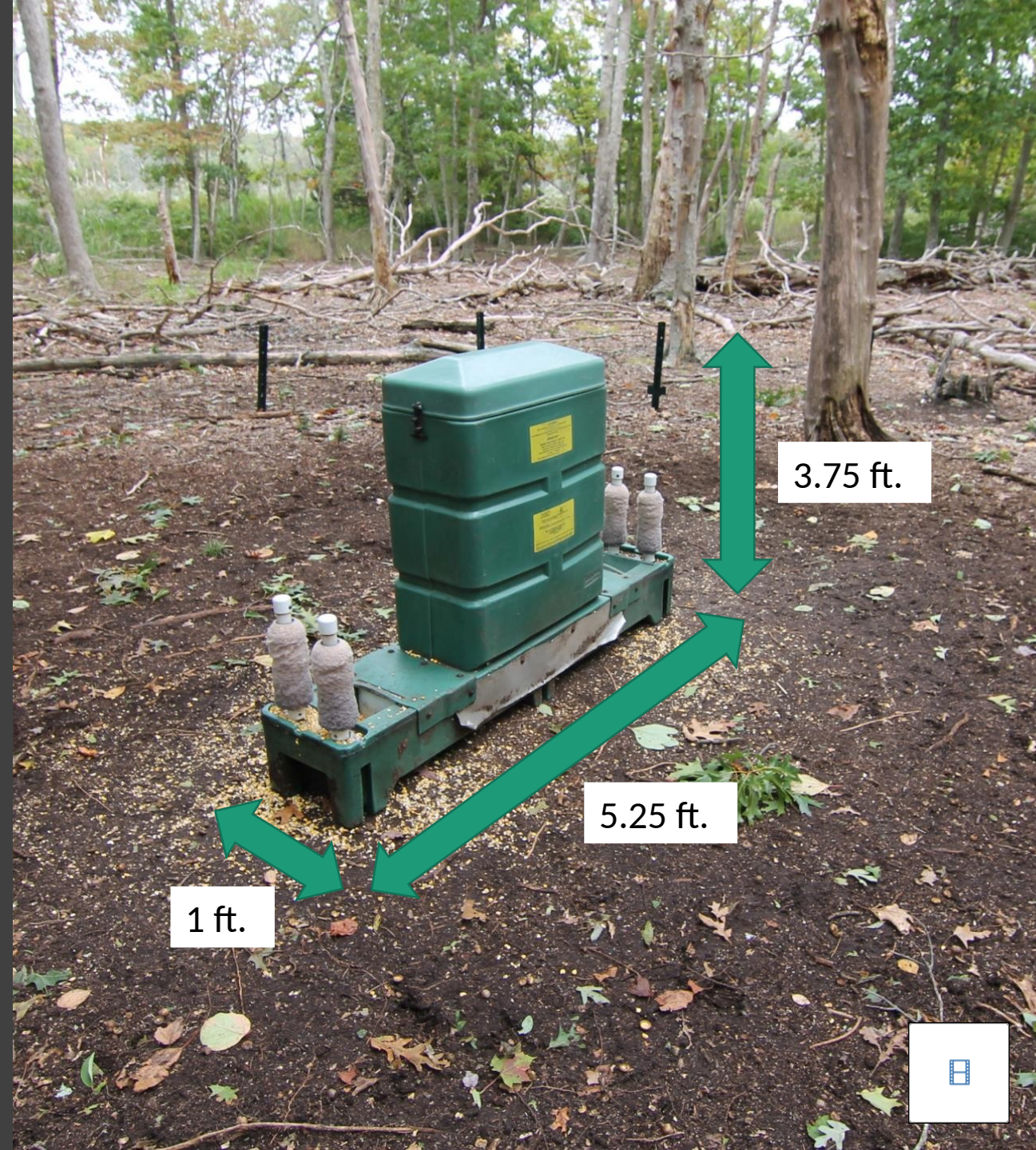
- 4-poster devices have bins filled with corn
- As deer eat the corn, they rub against foam rollers ("posts") coated with a pesticide called **permethrin** that kills ticks

To find out more about permethrin, go to:
npic.orst.edu/factsheets/PermGen.html



How the device works

- The pesticide and the device do not harm the deer
- The treatment is similar to some flea and tick treatments applied to the skin of cats and dogs

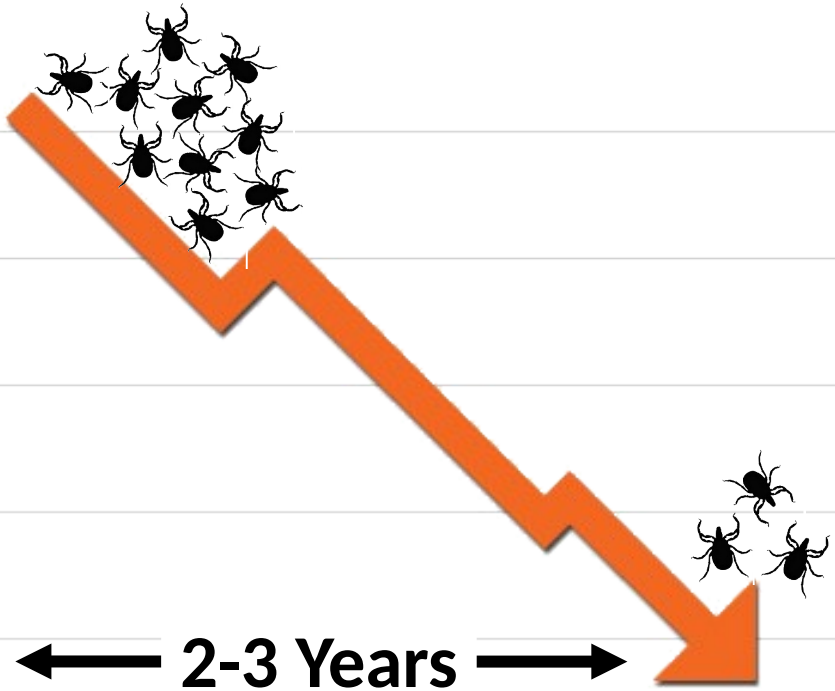


How the device works

- The pesticide does not spread into the environment
- Devices should not increase deer populations
- Devices require weekly servicing by licensed professionals



How the Device Affects Ticks



4-poster devices cause the number of ticks in the environment to decrease over time.

- 4-Poster devices are a type of long-term tick management that can be used by a community
- Devices need to be in place for 2-3 years to see a decrease in ticks



How the Device Affects Ticks

- Each device will reduce ticks over roughly 50 acres
- Devices may be used year round
- Ticks will eventually return if the devices do not remain in service

CAUTION

KEEP CHILDREN AND PETS AWAY FROM DEVICE
DO NOT TOUCH DEVICE
HUNTERS SHOULD WEAR PROTECTIVE GLOVES WHEN HANDLING
HARVESTED DEER.

4-POSTER™

DEER TREATMENT DEVICE
FOR CONTROL OF TICKS THAT MAY
TRANSMIT DISEASES TO HUMANS
POSTS TREATED WITH 4-POSTER TICKICIDE
EPA Reg. No. 39039-12
FOR MORE INFORMATION CALL (203)-971-8609

Safety and Precautions

- 4-poster devices are registered by the U.S. Environmental Protection Agency (EPA)
- The EPA requires that pesticide warning signs be placed around each device

Active Ingredient
Permethrin * 10.0%
Inert Ingredients † 90.0%
..... 100.0%
* cis/trans ratio: Min 35%(±) cis and Max. 65%(±) trans.
† Contains Petroleum Distillates

Manufactured for:
Y-TEX Corporation • 1825 Big Horn Avenue • Cody • WY 82414

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
& DOMESTIC ANIMALS
CAUTION

Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.
The 4-Poster device is to be placed no closer than 100 yards from any home, apartment, playground or other place where children may be present without adult supervision.





Safety and Precautions

- If a device is placed within 300 feet of a home or place children may be present, a 2 ½ foot high fence must surround it
- If bears are a local concern, then electric fencing may be required
- Hunter-killed deer that have been treated by a 4-poster device are safe to eat