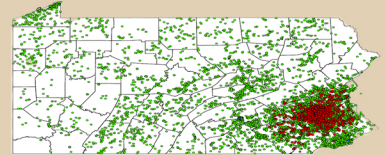# SPOTTED LANTERNFLY

FIGHT THE FLY

EVER SINCE THE SPOTTED LANTERN FLY WAS INTRODUCED TO PENNSYLVANIA IN 2014, THE FOREST AND AGRICULTURAL ECOSYSTEMS HAVE SUFFERED MASSIVE LOSSES. THIS INVASIVE FLY HAS CAUSED A DECLINE OF TREES AND CROPS BECAUSE OF THE INCREASE IN CONSUMPTION BY THE SPECIES. LIMITING THE SPREAD OF THE POPULATION OF THE LANTERNFLY IS OUR GOAL. WE CAN FOCUS OUR EFFORTS TO STOP THE SPREAD BY DECREASING THE ABUNDANCE OF THE FLY. STRATEGIES PROPOSED ARE TO UTILIZE BUG TRAPS, CONSISTENT CHECKS ON VEHICLES AND CLOTHING BEFORE TRAVEL, AND UTILIZE QUARANTINES IN PROBLEM REGIONS.

WHY SHOULD YOU CARE?

- SLF DESTROYS TREES IMPORTANT TO PA'S ECOSYSTEM AND ECONOMY

- THE DAMAGES CAUSED BY SLF COST PENNSYLVANIA AN ANNUAL $50 MILLION

- SLF CREATES A DAMAGING SECRETION KNOWN AS "HONEYDEW" THAT PROMOTES THE GROWTH OF MOLD AND PREVENTS PLANTS FROM TAKING IN NUTRIENTS

WHAT IS THE SPOTTED LANTERNFLY?

- SLF IS AN INVASIVE SPECIES IN SOUTHERN AND CENTRAL PENNSYLVANIA

- SLF IS COMMONLY FOUND ON THE "TREE OF HEAVEN" AND CAN LAY EGGS ON ALMOST ANY MATERIAL, MOST COMMONLY ON PORCHES AND TIRES

SLF IN PA 2014-2018

WHAT ARE SCIENTISTS DOING?

- SCIENTISTS ARE TESTING MANY WAYS TO LIMIT THE SPREAD OF SLF

- DIFFERENT KINDS OF BUG TRAPS THAT TRAP EGGS, NYMPHS, AND FULY GROWN SPOTTED LANTERNFLYS ARE BEING PUT ON TREES THAT ARE ESPECIALLY TARGETED BY SLF

- SURVEYS ARE BEING CONDUCTED IN QUARANTINED AND SURROUNDING COUNTIES TO MONITOR SLF POPULATION AND SPREAD

- URGING LAWS THAT WILL INSTATE STRICTER REQUIREMENTS FOR SHIPPINGS OUT OF QUARANTINED AREAS

- EDUCATING THE PUBLIC ABOUT THIS GROWING CONCERN, THEY CAN'T FIGHT THE FLY WITHOUT YOUR HELP!

WHAT CAN YOU DO?

- THE BEST THING YOU CAN DO IS HELP STOP THE SPREAD! KEEP YOUR EYES OPEN FOR SLF EGGS, AND GET RID OF THEM BEFORE THEY HATCH

- BEFORE LEAVING YOUR COUNTY, MAKE SURE TO CHECK YOUR TIRES, AS THEY CAN OFTEN HARBOR SLF EGGS AND NYMPHS

- KEEP YOURSELF UPDATED WITH YOUR COUNTY'S QUARANTINE RESTRICTIONS
- REPORT ANY SIGHTINGS TO YOUR LOCAL PEST CONTROL OR DEPARTMENT OF AGRICULTURE AUTHORITIES