

FASTIDIOUS X GETS IN TROUBLE: SCIENCE IS ON ITS WAY!

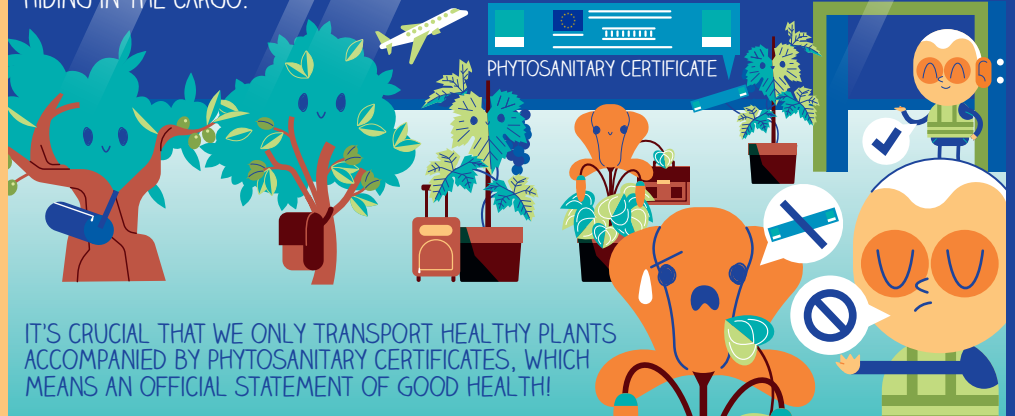
2023

A DECADE HAS PASSED SINCE FASTIDIOUS X WAS FIRST SPOTTED IN EUROPE. WE NOW KNOW XYLELLA CAN INFECT MORE THAN 400 PLANT SPECIES FROM 60 DIFFERENT FAMILIES. SCIENTISTS TOGETHER WITH LOCAL, NATIONAL AND EUROPEAN AUTHORITIES, INSTITUTIONS LIKE EFSA¹ AND EPPO² ARE JOINING FORCES AND WORKING TIRELESSLY TO FIND SOLUTIONS.

¹ THE EUROPEAN FOOD SAFETY AUTHORITY (EFSA) PROVIDES SCIENTIFIC ADVICE TO AUTHORITIES AND COMMUNITIES ON RISK ALONG THE FOOD CHAIN, INCLUDING PLANT HEALTH.

² EUROPEAN AND MEDITERRANEAN PLANT PROTECTION ORGANISATION

THE TRANSPORT OF INFECTED PLANTS IS THE MAIN CAUSE OF SPREADING XYLELLA. THAT'S WHY BORDER CONTROLS ARE SO IMPORTANT FOR DETECTING ANY PEST THAT MAY BE SECRETLY HIDING IN THE CARGO.



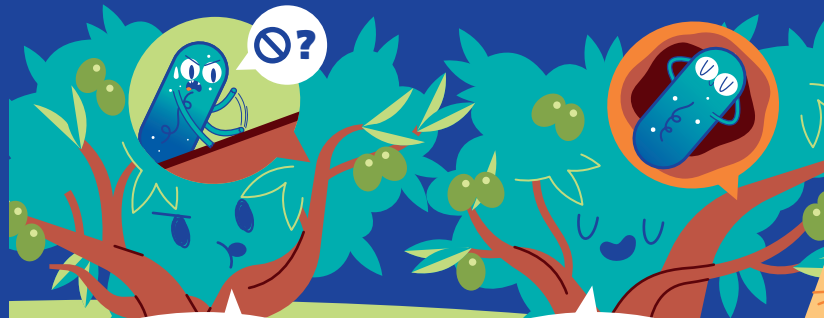
IT'S CRUCIAL THAT WE ONLY TRANSPORT HEALTHY PLANTS ACCOMPANIED BY PHYTOSANITARY CERTIFICATES, WHICH MEANS AN OFFICIAL STATEMENT OF GOOD HEALTH!

CONTROLS CAN PREVENT NEW XYLELLA BACTERIUM. BUT WHAT CAN WE DO FOR AFFECTED AREAS? IS THERE ANY HOPE?



BY ARTIFICIALLY INOCULATING PLANTS WITH XYLELLA WE CAN LEARN MORE ABOUT PLANT RESISTANCE TO THIS BACTERIUM.

SCIENTISTS THINK SO! ONE OF THE MOST PROMISING SOLUTIONS COMES FROM OLIVE PLANTS THAT RESIST FASTIDIOUS X!



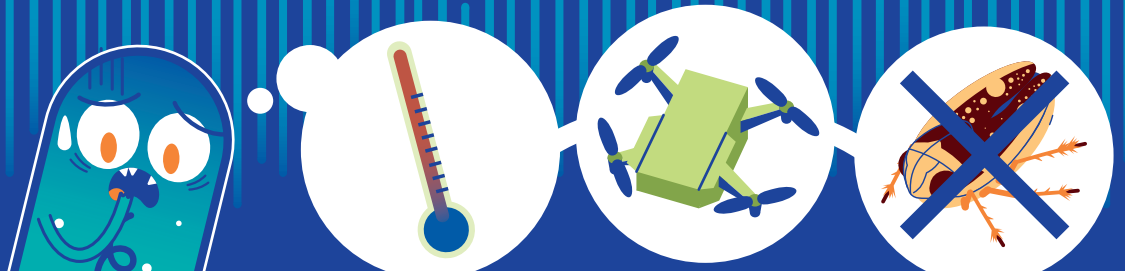
AH, HERE WE GO AGAIN. THESE FASTIDIOUS BACTERIA HAVEN'T UNDERSTOOD YET HOW RESISTANT WE ARE.

BAH, WHEN WE ARE ATTACKED BY XYLELLA WE STAY GREEN AND KEEP SUCKING UP WATER. NO PROBLEM!

HMM, INTERESTING... THESE OLIVE TREE VARIETIES, THEY HAVE NO SYMPTOMS AT ALL!



RESEARCH PROMISES TO MAKE FASTIDIOUS X'S LIFE EVEN MORE PERILOUS. FROM DRONES FOR EARLY DETECTION TO THERMAL TREATMENTS AND INSECT VECTOR CONTROLS, RESEARCHERS ARE FINDING INNOVATIVE WAYS TO BEAT XYLELLA!



WHILE NEW TECHNIQUES ARE DEVELOPED, PLANT PEST SURVEILLANCE IS CRUCIAL TO LIMIT THE SPREAD OF XYLELLA OR ITS DANGEROUS PALS, THE OTHER PLANT PESTS!

BUT FASTIDIOUS X IS A FORMIDABLE FOE. WE MUST JOIN FORCES ACROSS EUROPE TO AVOID ITS SPREAD: FROM PLANT NURSERIES AND FARMERS TO SCIENTISTS, PLANT INSPECTORS AND CITIZENS. LET'S NOT GIVE XYLELLA A CHANCE!

YOU CAN HELP "BEAT XYLELLA" TOO! SO, DON'T TRAVEL WITH UNCERTIFIED PLANTS! DON'T RISK IT!

