



Plant Protection and Quarantine By the Numbers, Fiscal Year 2021



Budget

\$621,328,067

Annual appropriations (53.1%);
Farm Bill funding (11.4%);
Agriculture Quarantine
Inspection user fees (27.1%);
export certification fees (4%);
reimbursable overtime fees
(2.4%); trust funds (2%)



Cooperator Funding

Provided nearly
\$180 million to State
departments of agriculture,
universities, and other
entities for pest surveys,
research, and other
critical work



Workforce

2,089 permanent
employees, **331** term
employees, **603** seasonal
employees



Facilities and Vehicles

280 field offices,
7 laboratories, **16** plant
inspection stations,
3 training facilities



Around the World

We fought pests offshore before they could reach the United States and helped U.S. agriculture thrive in the global marketplace.

Inspected and cleared **3.7 billion** pounds of fresh fruits and vegetables from **21** countries before they were shipped to the United States and oversaw a systems approach for the safe import of **3.4 billion** pounds of avocados in Mexico

Certified or recertified **171** treatment facilities, including **72** facilities in Mexico, **6** facilities in Central America, **15** facilities in the Caribbean, **74** facilities in South America, and **4** facilities in Asia

Helped the United States realize significant trade opportunities by conducting **53** bilateral and technical meetings, opening new export markets and expanding current markets for the U.S. industry with a total estimated value of **\$129 million**

Inspected and certified plant and plant product shipments; conducted technical negotiations to open, maintain, and expand export markets; and facilitated the release of held shipments—an added value of approximately **\$276 million**

Helped expand the Global Electronic Phytosanitary (ePhyto) Solution, which makes the exchange of export certificates fast, efficient, and fraud-resistant; in FY 2021, the United States sent **280,246** ePhytos to 50 trading partners and received **178,359** ePhytos from **21** trading partners

Completed **278** risk analyses associated with imports, exports, invasive pest threats, and program requirements to support safe trade and protect American agriculture

Positioned more than **50** U.S. experts on international and regional expert and focus groups to advance key standard-setting and global initiatives on seeds, climate change, ePhyto, fruit flies, forestry, and other important topics

Processed **1.1 million** Lacey Act declarations, helping to combat illegal trade of protected plant species

Read more about the impact of PPQ's work: www.aphis.usda.gov/plant-health



At the Border

We kept potentially damaging plant pests out of the country.

Issued more than **35,000** import permits and regulatory guidance letters for plants and plant products and responded to over **11,100** inquiries about imports and plant health permits

Cleared **30,372** shipments containing over **2.17 billion** plant units and **755,993** kilograms of seeds, intercepting **1,974** quarantine pests at plant inspection stations

Continued to implement risk-based sampling at U.S. ports of entry to focus inspections on higher risk shipments, reducing inspection times on the southern border by **77 percent**

Implemented advanced technology at our plant inspection stations to detect the plant disease *Ralstonia solanacearum* on imported geranium and prevent its entry into our country

Identified **122,000** pests found during U.S. Customs and Border Protection inspections of cargo, mail, and express carrier shipments and took quick action to prevent those of concern from entering the United States

Issued **65,993** emergency action notifications and monitored more than **45,000** treatments to reduce pest risks on incoming cargo

Intercepted over **190,780** prohibited agricultural products and **1,452** quarantine pests during baggage inspections of approximately **9 million** passengers bound for the U.S. mainland from Hawaii and Puerto Rico

Conducted **51,619** inspections of agricultural commodities before they left Hawaii and Puerto Rico for the U.S. mainland; conducted **4,319** treatments to mitigate pest risks



Across the Nation

We fought back against the spread of invasive plant pests that threatened our Nation's crops and forests.

Eradicated the giant African snail from Florida, protecting the State's multibillion-dollar nursery industry and many of its valuable fruit and vegetable crops

Eradicated an exotic fruit fly incursion in **1** quarantine in Texas and closed in on **2** others in California

Worked with State and industry partners to reduce boll weevil captures by **91 percent** in the Lower Rio Grande Valley; worked with Mexican government partners to reduce boll weevil captures by **61 percent** in Northern Tamaulipas

Conducted **434** plant pest surveys with cooperators in **50** States and **5** Territories and coordinated the response to **47** species that were new or re-introduced into the United States

Monitored grasshopper and Mormon cricket populations in Western States and treated **815,531** rangeland acres—which protected over **1.6 million** acres—to control outbreaks and protect valuable forage and at-risk agricultural production areas

Shipped **249.4 million** sterile navel orangeworm moths for release over production fields to protect tree nut crops

Reared and released more than **476,413** stingless wasps to State and Tribal cooperators for release at **153** sites across **104** counties in **25** States to combat the emerald ash borer

Allocated **\$62.54 million** from the Plant Pest and Disease Management and Disaster Prevention Program to cooperators across the

country for over 500 projects that help safeguard U.S. plant health

Provided **\$7.5 million** to support **29** National Clean Plant Network projects in **16** States and Puerto Rico that diagnose, clean, and distribute disease-free stock of fruit trees, grapes, hops, berries, citrus, sweet potatoes, and roses to nurseries and growers

Provided a total of **\$7.5 million** for projects in Texas and California (similar to a promising citrus research and field trial project funded in Florida in 2019) that help give citrus growers proven, science-based strategies to combat citrus greening

Issued more than **703,800** Federal phytosanitary (plant health) certificates directly or through authorized State and county cooperators

to aid the export of U.S. plants and plant products to approximately **200** trading partners

Cleared through our quarantine facility **561** normally prohibited high-risk cultivars and germplasm from more than **14** different plant genera, making safe new plant varieties available to U.S. importers and producers

Seized **224,568** pounds of prohibited agricultural items valued at over **\$2.5 million** through product recalls, from retail stores and internet sales, and during express courier package inspections, helping to protect U.S. crops and livestock from potentially devastating and costly plant pests and foreign animal diseases