

[www.bioprotectionportal.com](http://www.bioprotectionportal.com)

# Introducing the CABI BioProtection Portal

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KNOWLEDGE FOR LIFE

22<sup>nd</sup> February 2023



A background image showing a man and a woman, both wearing hats, looking closely at a plant in a field. The man is on the left, and the woman is on the right, wearing a straw hat. They appear to be engaged in agricultural research or field work.

# CABI in brief

- **Not-for-profit** intergovernmental organization, established by a United Nations treaty-level agreement
- Owned by **49 Member Countries** which have an equal role in the organization's governance, policies and strategic direction
- **Global reach** – 450+ staff across more than 20 locations worldwide
- Addresses issues of global concern such as food security and food safety through **research, international development cooperation and publishing**
- Help **farmers grow more and lose less** of what they produce, combating threats to agriculture and the environment from pests and diseases and improving access to scientific knowledge.
- **Scientifically rigorous digital tools** to deliver knowledge for life

# Our member countries



Afghanistan



Anguilla



Australia



Bahamas



Bangladesh



Barbados



Bermuda



Botswana



British Virgin Islands



Brunei Darussalam



Burundi



Canada



Chile



China



Colombia



Cote d'Ivoire



Cyprus



DPR Korea



Ethiopia



Gambia



Ghana



Grenada



Guyana



India



Jamaica



Kenya



Malawi



Malaysia



Mauritius



Montserrat



Myanmar



Nigeria



Pakistan



Papua New Guinea



Philippines



Rwanda



Sierra Leone



Solomon Islands



South Africa



Sri Lanka



St Helena\*



Switzerland



Tanzania



The Netherlands



Trinidad & Tobago



Uganda



United Kingdom



Vietnam



Zambia



Zimbabwe





## The CABI BioProtection Portal

- An **open access, web-based tool** that enables users to correctly **identify, source and apply registered biocontrol and biopesticide products** against agricultural pests
- Also provides **general information on biological control and IPM** via blogs and other resources





## The CABI BioProtection Portal: Key Users

- Multiple potential users:
  - **Growers and advisors** who need current and reliable information, on-demand, regarding the availability and correct use of effective, lower toxicity products that are registered locally and meet market/export standards
  - **National authorities responsible for regulation/registration of plant protection products** who require information on registered products in neighbouring countries
  - **Biocontrol manufacturers** looking to promote wider uptake of their products and identify new markets

# Progress of CABI BioProtection Portal

Launched in  
February 2020



Live in **33 countries** with  
9 more in pipeline for 2023

Available in **local  
languages and  
English**



**>4,000 registered  
products in  
database**



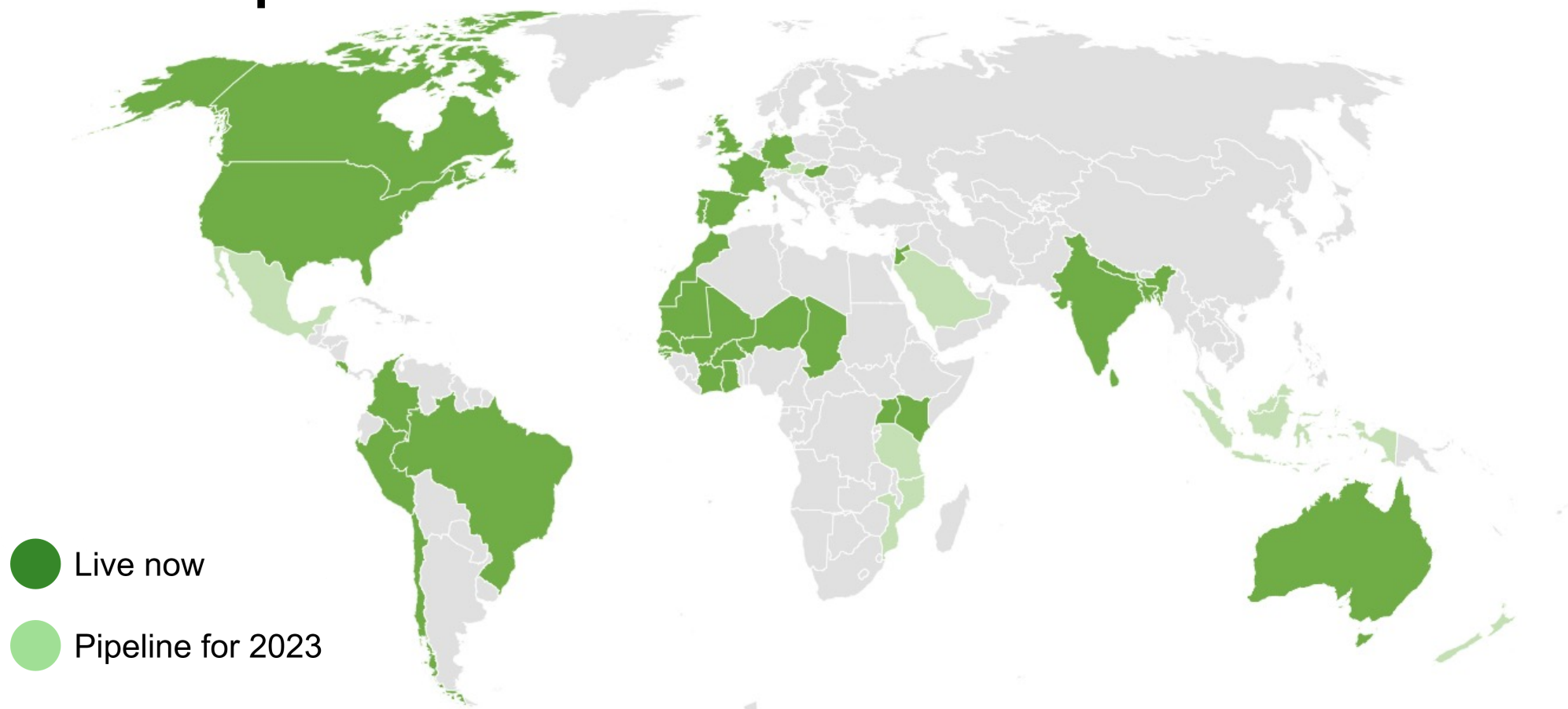
**Bioprotection  
solutions** and  
guidance on best  
practices



**Online and  
offline**



# Portal presence





# Permission to use national governmental datasets

- Our bioprotection product information is sourced directly from **national and regional governments' lists** of registered plant protection products.
- **Permission to use data is always requested from the national authority** responsible for the registration of plant protection products, and **links to the authority websites** are displayed on the portal.
- **Data updated manually on a regular basis.**



# US data included in portal



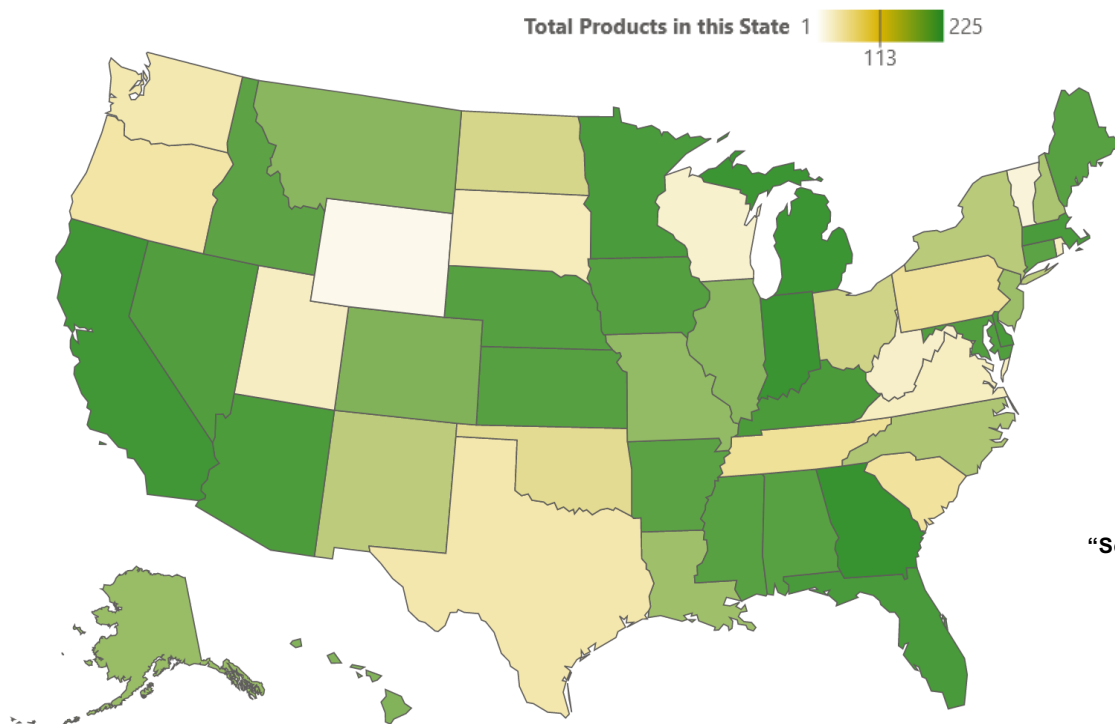
**Three** major classes of biopesticides as defined by the EPA:

- **Biochemical pesticides** - Naturally occurring substances that control pests by non-toxic mechanisms. E.g. sex pheromones and plant extracts that attract insects
- **Microbial pesticides** - Product where active ingredient is a microorganism. E.g. bacteria, fungi, and viruses
- **Plant-Incorporated-Protectants (PIPs)** - Substances that plants produce from genetic material that was added to the plant DNA. E.g. *Bacillus thuringiensis* pesticidal protein

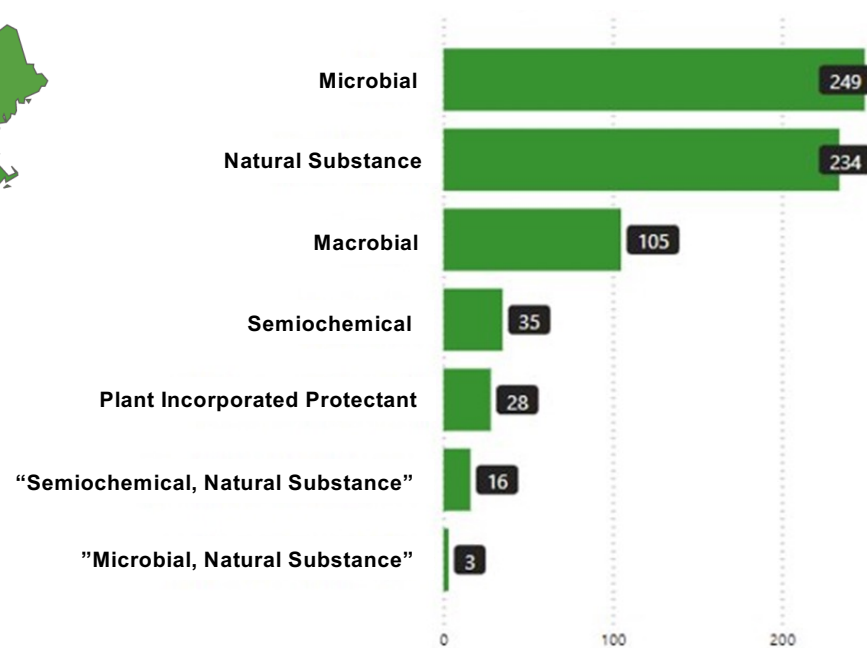
**Macrobial** products are only included in the CABI BioProtection Portal for **partner** companies. These products must have been approved by USDA APHIS<sup>1</sup>

1. U.S. Department of Agriculture Animal and Plant Health Inspection Service

# USA portal data



USA products by Category



**Number of products: 671**

**Number of AI's: 236**



# How does it work?

- Navigate to desired country homepage and select language, occupation, crop and/or pest

English (UK) ▾

CABI BioProtection Portal

Countries ▾ News & Information Partners Resources About ▾ Contact Us ▾

## Find bioprotection products in the United States of America

Discover biocontrol and biopesticide products for your country

Select language, occupation, crop and/or pest

English × ✓ Advisor × ✓ Tomato × Search Pest

Find product

Product information available in English

A free tool to enhance the awareness and uptake of biocontrol and biopesticide products by growers and advisors

Learn more

Search Pest

- Acab
- Acalitus gossypii
- Acanthoscelides obtectus
- Acarapis woodi
- Acarus siro

# How does it work?

- Search results display **all registered products in the US** for the selected crop-pest combination. Can further filter for **state**.

The screenshot shows the CABI biocontrol product search interface. At the top, a dark header contains the title "Find bioprotection products in United States of America" and a subtitle "Discover biocontrol and biopesticide products for your country". Below this, a search bar allows filtering by language (English), advisor, crop (Tomato), and pest (Acarapis woodi). A "Find Product" button is on the right. A disclaimer states that product information is available in English. Below the search bar, a note explains that the products are registered in the USA by the EPA and state level regulatory agencies. The main section displays 113 results, with a filter by "Active ingredient" and a "Sort by" dropdown. A state selection dropdown is open, showing a list of US states with "California" highlighted. An orange arrow points to this dropdown with the text "State selection". Another orange arrow points to the "Bio cucumeris" product card with the text "Select product of interest". The product cards show the product name, active ingredient, and registrant. The footer contains the text "KNOWLEDGE FOR LIFE" and the CABI logo.

**Find bioprotection products in United States of America**

Discover biocontrol and biopesticide products for your country

Your product search can include crops, pests or both

English ✓ Advisor ✓ Tomato x Acarapis woodi x Find Product

Product information is available in English

These biological products have been registered for use in USA by the U.S. Environmental Protection Agency (EPA) and state level regulatory agencies, except for the invertebrate biological products which are permitted for use by the Animal and Plant Health Inspection Service of the U.S. Department of Agriculture. CABI is not affiliated with EPA and EPA does not endorse CABI, or its products, services, or enterprises

Filter by Active ingredient ✓

113 results

Sort by ✓

**State selection**

**Select product of interest**

**Bio Fallacis**  
Active ingredient :  
• Neoseiulus fallacis  
Registrant : TerraLink Horticulture

**Bio Persi+ Speed**  
Active ingredient :  
• Phytoseiulus persimilis  
Registrant : TerraLink Horticulture

**Bio cucumeris**  
Active ingredient :  
• Neoseiulus cucumeris  
Registrant : TerraLink Horticulture

**Bio Lacewing Eggs**

**Bio Persi+ Classic**

**ISARID**

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CABI

# Detailed product information

- Detailed product information includes **details of registrant, local product distributor, product safety, application, additional uses, etc.**


[Back to Search results](#) Product last updated: 02/02/2023


## Bio cucumeris


This biological product has been permitted for use in USA by the [Animal and Plant Health Inspection Service of the U.S. Department of Agriculture](#)

<b>Category</b> Macrobal	<b>Registrant</b> TerraLink Horticulture	<b>Active ingredient</b> Neoseiulus cucumeris
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### Product Information

 Label


 Safety datasheet



 Product factsheet

**View label, SDS and product factsheet (for Partner products)**




### Distributor Details

 <https://tlhort.com/>

TerraLink Horticulture  
8880 Depot Rd  
Lynden, WA 98264  
 1-800-661-4559  
 [sales@tlhort.com](mailto:sales@tlhort.com)

**Contact local product distributor**





# Access to information on biocontrol and IPM

**Find bioprotection products in the United States of America**

Discover biocontrol and biopesticide products for your country

English × ✓ Select Occupation ✓ Search Crop Search Pest Find product

Product information available in English

**A free tool to enhance the awareness and uptake of biocontrol and biopesticide products by growers and advisors**

The CABI BioProtection Portal is a free, web based tool that enables users to discover information about registered biocontrol and biopesticide products around the world.

Learn more

- **Growers and advisors** can find **general information on biological control and IPM** via a series of **blogs** and a collection of **relevant information and links**
- **Crop-specific resources** in the pipeline for 2023

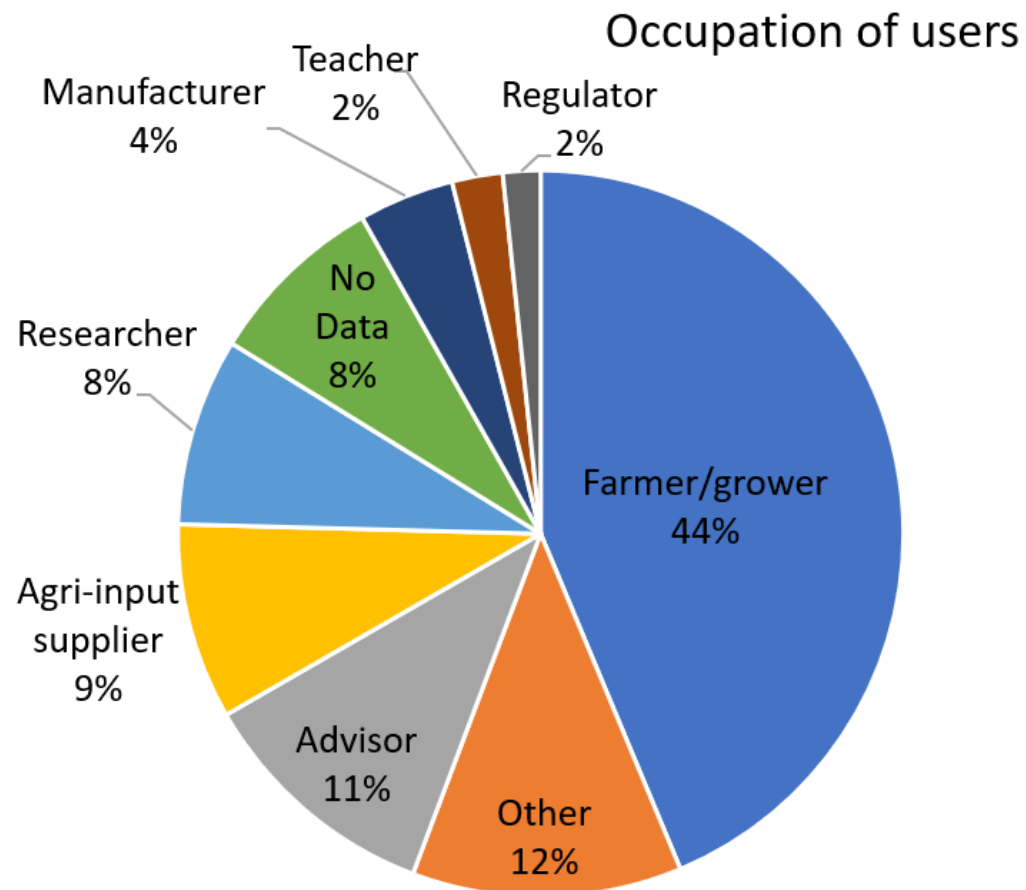
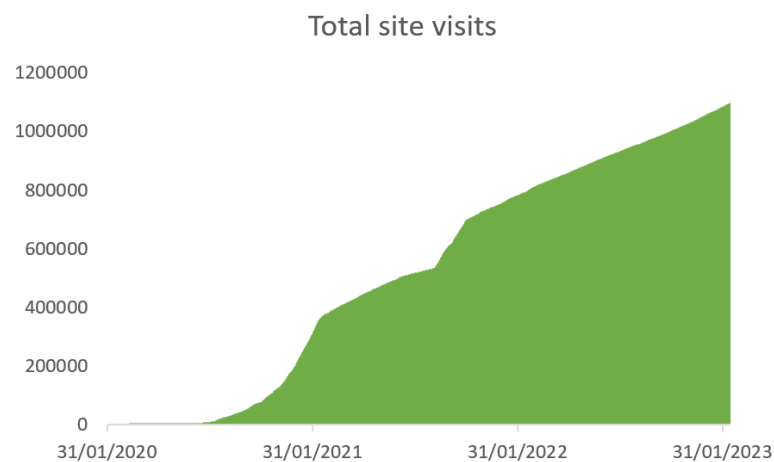


## Making end-users aware of the portal

- Utilising CABI's broad network of member country representatives, donors and partners across the globe
- Digital advertising via social media (Google ads, Facebook, LinkedIn, Twitter)
- Direct communication to agricultural advisors and farmers
- Communication via the portal's sponsors, partners, donors and associates to their partners and customers

***Coordinated strategy in place to drive traffic to the CABI BioProtection Portal!***

# Usage of Portal so far



*Number of visits to Portal since its launch: **1,097,217***

# Example of user analytics dashboard available to partners

Country of App

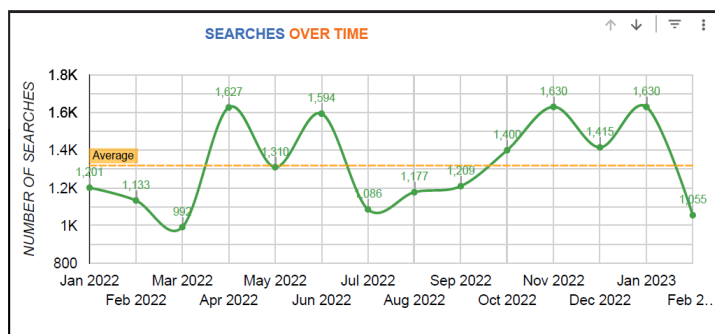
Language

Occupation: Farmer/grower (1)

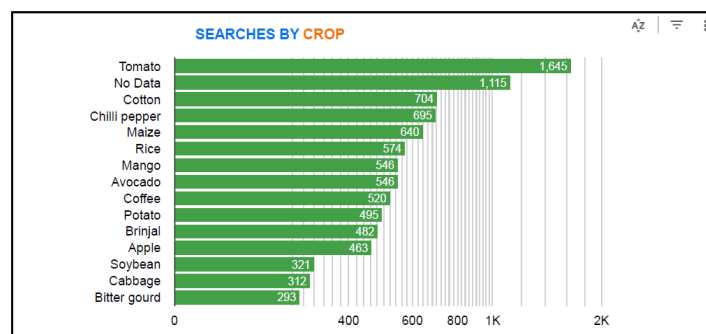
Crop

Pest

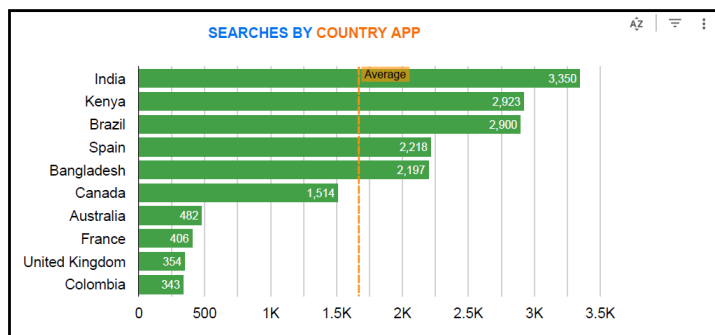
Product searches over time



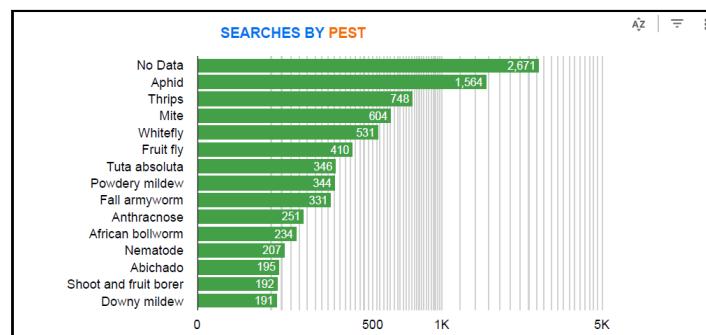
Searches by crop



Searches by country



Searches by pest





## Funding mechanism to guarantee open access

Portal must receive funds to ensure it is maintained enhanced as an open access, up-to-date and reliable global source for bioprotection information:

- **Partnership** (e.g. private sector biocontrol manufacturers, distributors, etc.)
  - 3-year commitment via a fixed annual partnership fee based on annual bioprotection product revenue (fee ranging from USD 830 to USD 22,080 annually)
- **Sponsorship** (e.g. private sector stakeholders)
  - 3-year commitment via annual sponsorship fee determined by the size of the company (based on OECD definitions)
- **Donorship** (e.g. governmental development agencies)
  - Contributions from governmental agencies based on their priorities, focus countries, and funding schemes



# Funding mechanisms to guarantee open access

## Partners



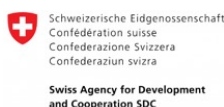
## Sponsor



International Centre for Genetic Engineering and Biotechnology



## Donors



## Associates



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## Join us and receive these partner benefits:



### Enhanced visibility of your products

- Partner products at the top of searches
- Valuable data (labels, factsheets) on product pages
- Distributor contact information provided



Display of **your logo and links** on the Portal and in promotional materials



Invitation to biannual **Development Consortium meetings** – have your say in how we grow



Access to **user analytics dashboard** for unique market insights

*Partners get >2x more clicks, plus google search boost!*



# Earlybird Partnership Promotion for the US

**Sign up as a partner before May 30th, 2023 and receive a reduction in your annual partnership fee!**

- **Large companies<sup>1</sup>: 10% discount**
- **Small-medium companies<sup>2</sup>: 25% discount**

## **Why is the Portal unique?**

- The independent and not-profit place for bioprotection product information
- Not mixed up with non-bioprotection products
- Sourced and aligned with the national regulation
- Comprehensive (e.g. includes all registered products in the US, state-level data)
- Global resource
- Available in local language and English

1. Companies with an annual turnover of bioprotection products >USD 10 million

2. BPIA member companies with an annual turnover of bioprotection products <USD 10 million

