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<https://www.asiablight.org/>

Emerging and re-emerging *Phytophthora infestans*



- Populations are constantly evolving, and usually more aggressive genotypes appear periodically replacing the previously dominating genotypes.
- New strains are adapted to higher/lower temperatures
- Better survival on tubers and has shorter latent period
- Higher production of spores
- Breaking of cultivar resistance, wider host range
- Losses of up to 10 billion USD/year worldwide.
- Earlier spray start, shorter spray intervals
- More need for protection of new growth (preventive + curative)

What is the AsiaBlight network?

AsiaBlight is a inclusive network of stakeholders (scientists, companies, farmers, others) working on potato late blight in Asia.

AsiaBlight是一个由科学家、企业、农户及其他利益攸关方共同组成的网络系统，致力于使用综合手段解决亚洲地区马铃薯晚疫病的问题。

CIP-CCCAP is the Administrative/Scientific/Operational entity hosting AsiaBlight

亚太中心（中国）是举行AsiaBlight活动的行政实体，协调AsiaBlight在包括中国在内的所有亚洲国家开展工作。

Objective

Reduce the negative effect of Late Blight on Asian crops, in a sustainable way, by improving the collaboration and communication between Asia's Late Blight stakeholders.

通过改善所有亚洲晚疫病利益攸关方之间的交流与合作持续减少晚疫病对亚洲作物的负面影响

Mission of AsiaBlight



1. Build a community of knowledge

- meetings/workshop /promote scientific collaboration between Asian countries,
- Establish dynamic relationships with EuroBlight, TizonLatino and USABlight

建立社区并增加能力培训

2. Research using same protocol, standard 研究

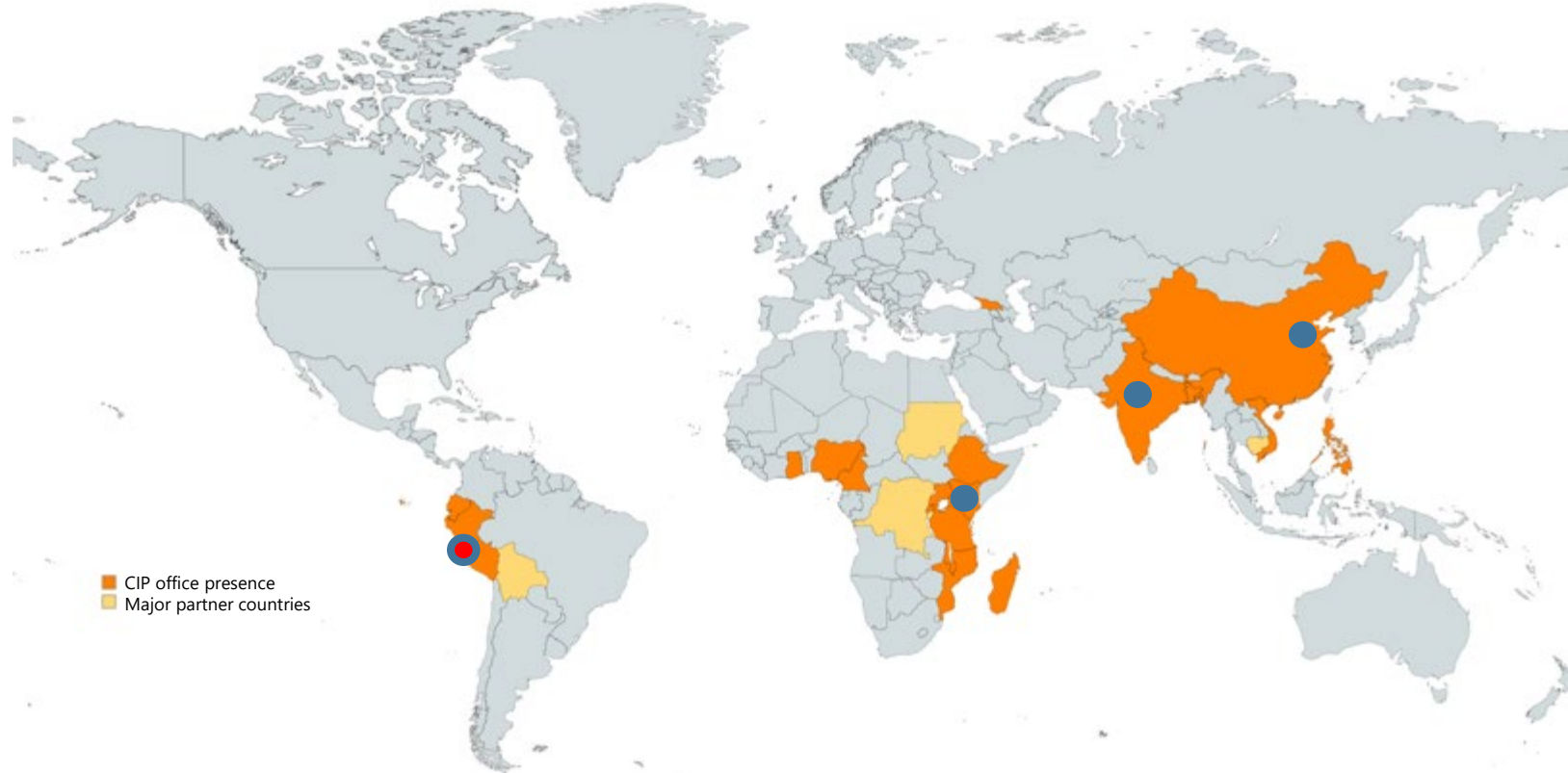
- Genotyping
- Fungicide effectiveness

协助监测杀菌剂有效性，并对结果予以发布

3. Financial independence/Fund raising

使网络实现财务独立 协同亚太中心（中国）一起支持AsiaBlight筹款工作

CIP Global Engagement



- HQ Lima, Peru
- Regional Hubs in Kenya, India, China
- 21 country offices
- >500 active partners
- 100 countries receive genetic material

To increase and share the benefits of root and tuber crops and their agrifood systems to address the climate, nutrition and poverty challenges of the future through equitable partnerships and science-based innovations.



謝謝大家!
Thank You!

Sharing the benefits of root and tuber crops



The International Potato Center (CIP) was founded in 1971 as a research-for-development organization with a focus on potato, sweetpotato and Andean roots and tubers. It delivers innovative science-based solutions to enhance access to affordable nutritious food, foster inclusive sustainable business and employment growth, and drive the climate resilience of root and tuber agri-food systems. Headquartered in Lima, Peru, CIP has a research presence in more than 20 countries in Africa, Asia and Latin America.

www.cipotato.org



CIP is a CGIAR research center, a global research partnership for a food-secure future. CGIAR science is dedicated to transforming food, land and water systems in a climate crisis. Its research is carried out by 13 CGIAR Centers/Alliances in close collaboration with hundreds of partners, including national and regional research institutes, civil society organizations, academia, development organizations and the private sector.

www.cgiar.org

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