

May, 2010 Arras



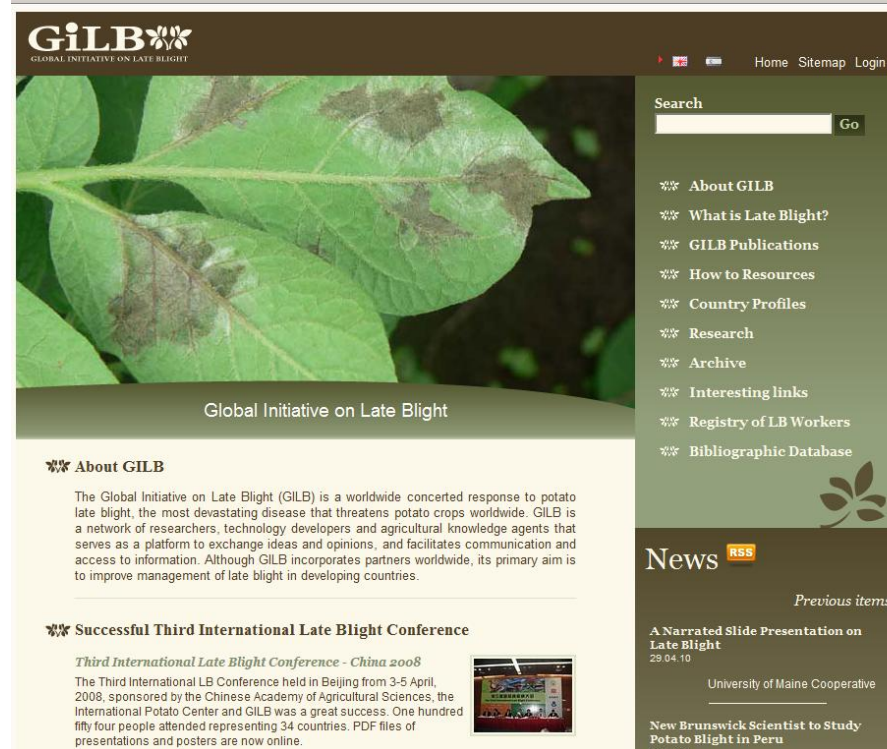
EuroBlight in a global context

Greg Forbes



GILB and global LB

- Creates space for:
 - Provide North South flow of information
 - Organize conferences
 - Create linkages



The screenshot shows the homepage of the Global Initiative on Late Blight (GILB). The header features the GILB logo and navigation links for Home, Sitemap, and Login. A search bar is located on the right side. The main content area includes a large image of a potato leaf with late blight lesions, followed by the text "Global Initiative on Late Blight". Below this, there are sections for "About GILB" and "Successful Third International Late Blight Conference". The "About GILB" section describes the organization's mission and goals. The "Successful Third International Late Blight Conference" section provides details about the 2008 conference in Beijing, including the dates, location, and the number of attendees and countries represented. A sidebar on the right contains a list of navigation links, a "News" section with an RSS icon, and a "Previous items" section with a link to a narrated slide presentation.

GILB
GLOBAL INITIATIVE ON LATE BLIGHT

Home Sitemap Login

Search Go

- ✪ About GILB
- ✪ What is Late Blight?
- ✪ GILB Publications
- ✪ How to Resources
- ✪ Country Profiles
- ✪ Research
- ✪ Archive
- ✪ Interesting links
- ✪ Registry of LB Workers
- ✪ Bibliographic Database

News RSS

Previous items

A Narrated Slide Presentation on Late Blight
29.04.10
University of Maine Cooperative

New Brunswick Scientist to Study Potato Blight in Peru
25.04.10

✪ About GILB

The Global Initiative on Late Blight (GILB) is a worldwide concerted response to potato late blight, the most devastating disease that threatens potato crops worldwide. GILB is a network of researchers, technology developers and agricultural knowledge agents that serves as a platform to exchange ideas and opinions, and facilitates communication and access to information. Although GILB incorporates partners worldwide, its primary aim is to improve management of late blight in developing countries.

✪ Successful Third International Late Blight Conference

Third International Late Blight Conference - China 2008

The Third International LB Conference held in Beijing from 3-5 April, 2008, sponsored by the Chinese Academy of Agricultural Sciences, the International Potato Center and GILB was a great success. One hundred fifty four people attended representing 34 countries. PDF files of presentations and posters are now online.

EuroBlight: An impressive achievement!

EuroBlight
A potato late blight network for Europe

Home Partners Pathogens Fungicides Potato IPM Publications

14 May 2010

Login
login name:
password:
Login
Forgot your password?

Workshop
next workshop will be 3-6 May, 2010 in Arras, in the north of France.

14 May 2010 Updated Scientific program and participants list
The scientific program, and the participants list was updated on Sunday 2 May 19:00
Jens G. Hansen

26 April 2010 Updated Scientific program and participants list
The scientific program, and the participants list are now updated to be considered as final versions. We are looking very much forward to see you all in Arras. A total of 112 people have registered for the workshop.
Jens G. Hansen

22 April 2010 Workshop will be accomplished in any case
The organising committee and local organisers unanimously agreed that the preparation of EuroBlight workshop in Arras will continue as planned. One argument is that Arras is in the middle of Europe and most of us can reach Arras with train or by car if aircraft flights are not possible due to the volcano.
If you for some reason are not able to come, then please inform the hotel about accommodation and [Allison Less](#) about registration for the workshop and changes in the scientific program.
Looking forward to see you in Arras
Jens G. Hansen

12 April 2010 Updated scientific program
A new version of the program and participants list for the EuroBlight meeting in Arras has been uploaded. Please contact [Allison Less](#) if you notice any errors!
Jens G. Hansen

01 April 2010 Related projects
We started to make a list of related projects. Please find this under publications. In approx. 14 days we will make this searchable to be able to find related projects

EuroBlight publications
Find the proceedings from Hemar workshop in 2008 and previous workshops since 1996 [here](#)
All EuroBlight protocols [here](#)
The EuroBlight fungicide comparison table [here](#)

New tool for the analysis of late blight submodels
7 March. New calculations done for Wageningen in Holland, Jyväskylä in Denmark, Poznan in Poland, Eich, Mathau and Lindlich in Germany, Capofiume and Riposte in Italy. Click on the graph for direct link.
Read the ENDURE news story about this tool [here](#)
This work was funded by the [EUROUSE-Net](#)

New initiatives and headline stories
The full genome sequence of *P. infestans* is now published in Nature
Tomato blight in the USA late blight has spread very aggressively.
PhD thesis by Pete Botkay: Multi-scale

2nd announcement: Background, workshop themes and deadline
Venue and accommodation

- Workshops
- Protocols and technologies
- Social capital
- = valuable outputs
- Growing “EuroBlight envy”

Third global LB conference, Beijing, April 2009



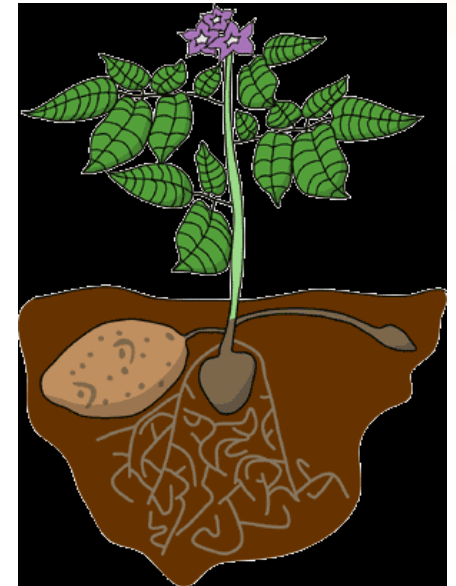
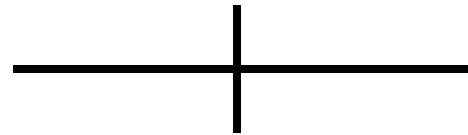
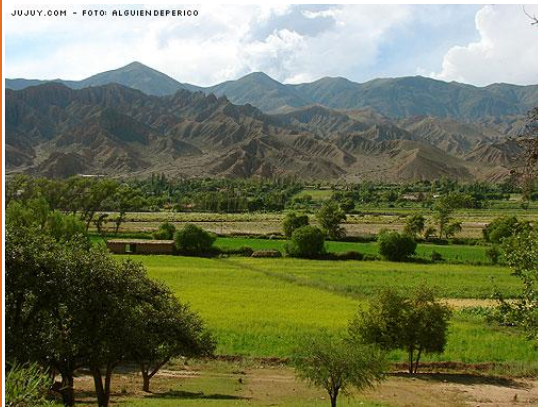
- Global context
 - Common themes
 - Resistance
 - Pathogen studies
 - Epidemiology
 - LDC Specific themes
 - Suffering
 - Farmer knowledge
 - Lack of coordination
 - No global agenda

LB needs in LDC – EuroBlight 2008

LB-wise training →



Resistance, adoption barriers ↓



↑
Monitor and predict risk →



Bellagio LB meeting, Nov 2009

- 23 participants
- 20 countries
- Output: White paper



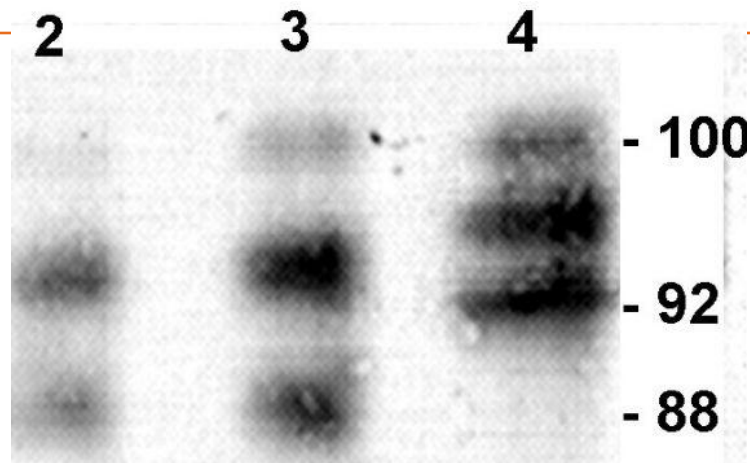
The White Paper – what needs to be done

- Get resistant cultivars to farmers
- Improve farmer disease management capacity
- Know the enemy; create a community of skilled pathogen monitors
- Coordination of efforts, develop baselines & goals, risk assessment

Specific Areas of EuroBlight Globalization

- Pathogen populations monitoring
- Host monitoring (measuring resistance accurately)
- Decision support systems
- Specific projects
 - WUR – Argentina
 - Cornell – CIP – DurPH MoU
 - AU/FAO
 - China -??
 - USDA

Pathogen monitoring: transfer of technology to CIP Ecuador and Peru



File Update Help

User: Jens Grønbech Hansen [JGH], Danish Institute of Agricultural Sciences

Year, country, region and isolate: 2005 Denmark Nordjylland 2005_NJ_01.01

Identifier and location: Isolate details Fungicides Phenotype Isozymes / mtDNA / RG57 / AFLP SSR Comment

Isolate no.	Original name
1	2005_NJ_01.01
2	2005_NJ_01.02
3	2005_NJ_01.03
4	2005_NJ_01.04
5	2005_NJ_01.05
6	2005_NJ_01.06

Edit isolate detail information

Plant species: Solanum tuberosum

Plant variety: Bintje

Previous potato crop [years ago]: 4

Crop type: Conventional Volunteer Organic Experimental Garden/Allotment Other Dump Unknown

Cover: Covered Non-covered Unknown

Isolate origin: Leaf Stem Mother tuber Daughter tuber Fruit Soil Unknown

Isolate type: Single lesion Multiple lesion Single zoospore Unknown Single oospore

Phase of epidemic: Early Middle Late Unknown

Culture/Mycelium/DNA available?: Yes No Unknown

Indonesia – lessons learned

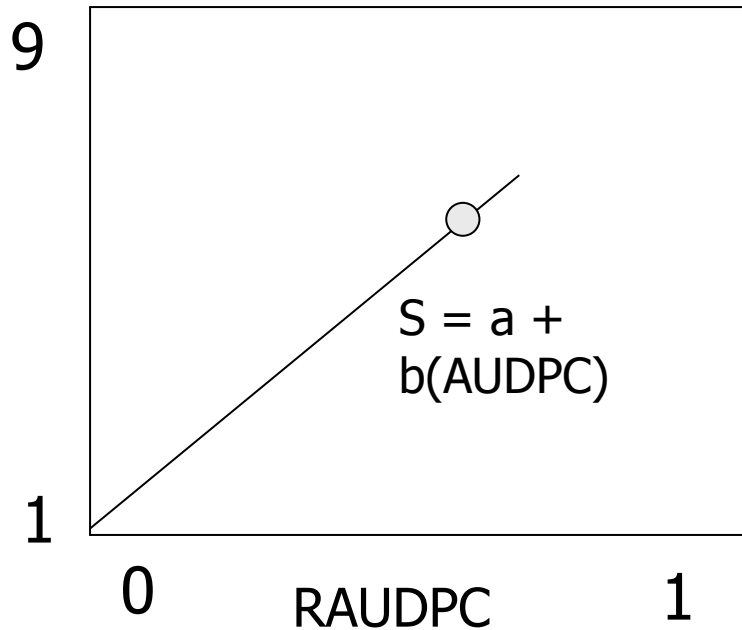
- ABSPII project
- Few isolates
- Lack of continuity



Monitoring the pathogen - the *regionblight* approach



Measuring resistance: the elephant in the living room



The future: workshops

Location /time	Resistance in host	Pathogen monitoring
Ecuador, April 2010	<input checked="" type="checkbox"/>	
Peru, May 2010		<input checked="" type="checkbox"/>
Kenya, June 2010	<input checked="" type="checkbox"/>	
Vietnam, Nov 2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
China, 2011	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Issues

- Harmonizing host information platforms
- Funding for regional networks
- Need for visibility (MoU)
- Need for global meta analyses – an overarching framework
 - Setting baselines and monitoring progress
 - Improve global information flow
 - Risk assessment