

Dissemination of resources and information

Neal Evans, Rothamsted Research

Resources





- Fungal isolates
 - *Leptosphaeria maculans* (stem canker)
 - *Pyrenopeziza brassicae* (light leaf spot)
- Plant material
 - Fixed Foundation Set material
 - Germplasm
- Techniques

Search the database

OREGIN: Database - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://www.oregin.info/index.php?area=database&page=search>

   
Part of the Defra Crop Genetic Improvement Networks
Initiated and supported by the Department for Environment, Food and Rural Affairs

[Home](#) | [Research Activities](#) | [Resources](#) | [Stakeholders](#) | [Admin Login](#)

[Log in / Log out](#) | **Search OREGIN DB**

[Home](#)
The search will return a table with links to data. The table can be exported for your own research.

[Isolates](#)
Search Criteria

[Search](#)
Search by as many or little as you need... no compulsory field.

[Return to Resources](#)

Isolate OREGIN ID:

Isolate name:

Organism of Origin:

Host Species:

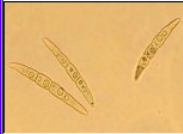
Cultivar:

Country of Origin:

From Date:


To Date:

Medium:


Printer Friendly Page

Site Map | Hosted by Rothamsted Research | Last updated: Tuesday, 6 March, 2007
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Website search technology courtesy of FreeFind


WebSTAT
Free Web Stats

Done

Start | Microsoft O... | Microsoft Pow... | OREGIN: Data... | Print / Downlo... | Cereals - Exhib... | Cereals Event ... | Untitled Docum... | National Non-F... | Adobe Photoshop | Macromedia Dr... | 13:32

For example, *Pyrenopeziza brassicae* isolates from UK

OREGIN: Database - Microsoft Internet Explorer

Address: http://www.oregin.info/index.php?area=database&page=search&OREGIN_ID=&IsolateName=&OrganismID=3&HostSpeciesID=0&CultivarID=0&CountryID=222&mydate3=%2F%2F&day=&month=&year=&end=

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Search site:

defra
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Home Research Activities Resources Stakeholders Admin Login

Log in / Log out

Home

Isolates

Search

Return to Resources

Select * from Isolates, Logs WHERE Isolates.RRES_ID= Logs.RRES_ID AND Isolates.OrganismID =3 AND Isolates.CountryOriginID =222 and Logs.Discarded = 0 order by Isolates.IsolateName

Results Of Your Search

OREGIN_ID	Down	Up	IsolateName	Down	Up	Country of Origin	Log Date	Medium
OREGIN_PbUK001			CRA			United Kingdom	08 - 07 - 2004	MA
OREGIN_PbUK001			CRA			United Kingdom	08 - 07 - 2004	MA
OREGIN_PbUK002			CRB			United Kingdom	07 - 07 - 2004	MA
OREGIN_PbUK002			CRB			United Kingdom	07 - 07 - 2004	MA
OREGIN_PbUK003			JH26			United Kingdom	07 - 07 - 2004	MA
OREGIN_PbUK003			JH26			United Kingdom	07 - 07 - 2004	MA
OREGIN_PbUK004			NH10			United Kingdom	07 - 07 - 2004	MA
OREGIN_PbUK004			NH10			United Kingdom	07 - 07 - 2004	MA
OREGIN_PbUK014			PC10			United Kingdom	07 - 07 - 2004	MA
OREGIN_PbUK014			PC10			United Kingdom	07 - 07 - 2004	MA
OREGIN_PbUK015			PC11			United Kingdom	12 - 07 - 2004	MA
OREGIN_PbUK015			PC11			United Kingdom	12 - 07 - 2004	MA
OREGIN_PbUK016			PC14			United Kingdom	14 - 07 - 2004	MA
OREGIN_PbUK016			PC14			United Kingdom	14 - 07 - 2004	MA
OREGIN_PbUK017			PC15			United Kingdom	14 - 07 - 2004	MA
OREGIN_PbUK017			PC15			United Kingdom	14 - 07 - 2004	MA
OREGIN_PbUK018			PC16			United Kingdom	08 - 07 - 2004	MA
OREGIN_PbUK018			PC16			United Kingdom	08 - 07 - 2004	MA
OREGIN_PbUK019			PC17			United Kingdom	08 - 07 - 2004	MA
OREGIN_PbUK019			PC17			United Kingdom	08 - 07 - 2004	MA
OREGIN_PbUK071			PC179			United Kingdom	25 - 05 - 2005	MA
OREGIN_PbUK071			PC179			United Kingdom	25 - 05 - 2005	MA
OREGIN_PbUK071			PC179			United Kingdom	14 - 07 - 2005	Glycerol
OREGIN_PbUK020			PC18			United Kingdom	14 - 07 - 2004	MA
OREGIN_PbUK020			PC18			United Kingdom	14 - 07 - 2004	MA
OREGIN_PbUK072			PC180			United Kingdom	25 - 05 - 2005	MA

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Done, but with errors on page.

Local intranet

Start Microsoft Pow... OREGIN: Dat... Print / Downlo... Cereals - Exhi... Cereals Event ... Untitled Docu... National Non-F... Adobe Photos... Macromedia Dr... 13:33

P. brassicae from Scotland

OREGIN - Microsoft Internet Explorer

Address: http://www.oregin.info/database_new/index.php?area=database&page=isolates&isolate=737

Search site:

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Home | Research Activities | Resources | Stakeholders | Admin Login

This Is Isolate OREGIN_PbUK120 Aka PC218B

Other Name	ME_ID	IBCN	ATCC	IMASCORE
------------	-------	------	------	----------

Organism: *Pyrenopeziza brassicae*

Alternate State: No information

Country of Origin: United Kingdom

Address: Milnathort, Scotland

Fungal Origin: Acervulus

Biotype: A

Mating Type: + (Plus)

Single Spore?: No

Pathogenicity group: 0

Resistance Rating:

Culture Medium: MA

Temperature: 15

Host Species: *Brassica napus*

Cultivar: Shannon

Plant part: No information

Depositor: Paul Hornby

Date Isolated: 16-02-2005

Identified By (Method): No information

Notes:

Available for Order: Yes

This item is already in your collection or pending delivery

Previous [OREGIN_PbUK119](#) <<<<<< >>>>>> Next: [OREGIN_PbUK121](#)

Logs Associated With This Isolate

Add a Log for that isolate :

Printer Friendly Page

Done

Local intranet

Start | 1 Reminder | Microsoft Power... | Microsoft Word | OREGIN - Micr... | Print / Downloa... | BBC NEWS | Ne... | Adobe Photoshop | Macromedia Dre... | 13:01





Isolate added to basket

OREGIN - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Mail Print W Go Links

Address http://www.oregin.info/database_new/index.php?area=database&page=isolates&isolate=7378&nbStep=1&add=Order Go Links

   Search site:  **defra**
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Part of the Defra Crop Genetic Improvement Networks

Home | **Research Activities** | **Resources** | **Stakeholders** | **Admin Login**

Log in / Log out

Home

Isolates A new order has been opened.
This isolate has been added to your order, do not forget to confirm your order when you have finished
return to [the isolate](#)

Search

Boxes

Members


My Settings [Site Map](#) | Hosted by [Rothamsted Research](#) | Last updated: Tuesday, 6 March, 2007
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Order Management [Website search technology courtesy of FreeFind](#)

My Details

My Orders

Return to Resources



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WebSTAT
Free Web Stats

Done, but with errors on page. Local intranet

Start | Inbox - Microso... | 1 Reminder | Microsoft Power... | Microsoft Word | OREGIN: - Micr... | Print / Downloa... | BBC NEWS | Ne... | Adobe Photoshop | Macromedia Dre... | 13:02

Process MTA



OREGIN - Microsoft Internet Explorer

Address: http://www.oregin.info/database_new/index.php?area=database&page=orders&nbStep=nbStep&order=nealev0003&NewProjectDescription=oregin1&order=nealev0003&order=nealev0003&order=nealev0003&a

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[Home](#) | [Research Activities](#) | [Resources](#) | [Stakeholders](#) | [Admin Login](#)

Order Number Nealev0003

[Log in / Log out](#) | [Home](#) | [Isolates](#) | [Search](#) | [Boxes](#) | [Members](#) | [My Settings](#) | [Order Management](#) | [My Details](#) | [My Orders](#) | [Return to Resources](#)

Please print read and sign TWO copies of this Material transfer Agreement and send to
OREGIN Office, PPI Division, Rothamsted Research, Harpenden, AL5 2JQ United Kingdom

Material Transfer Agreement

1: ROTHAMSTED RESEARCH, or its successor in name, a company limited by guarantee incorporated in England under no. 2393175 and a not for profit charity no. 802038 of Harpenden, Hertfordshire, AL5 2JQ ("Supplier"), has collected and/or developed the materials known as **PbUK120** and includes any constructs, strains, derivatives, portions, progeny or improvements, documents and information obtained from or as a result of the use of the materials (the "Materials")

2: **Neal Evans** (the "Recipient Scientist") who is an employee of **Rothamsted Research** (the "Institution") the address of which is **Harpenden, AL5 2JQ, United Kingdom**, and wishes to acquire a sample of the Materials for academic research relating to: **oregin1** (the "Research Programme")

3: The Supplier is willing to provide an adequate sample of the Materials as soon as possible after **Tue March 6, 2007** (the "Effective Date"), provided the appropriate signatures have been exchanged between the parties. This agreement is valid on the [Terms and Conditions](#), and the Recipient and the Institution agree to comply with those Terms and Conditions

For RRES use only: Origin of Materials (project / project number)
Agreed from the date of the last signatory by the parties through their authorised signatories.

	For and on behalf of Rothamsted Research	By the Recipient Scientist	For and on behalf of Rothamsted Research
Signed	_____	_____	_____
Print Name	_____	Neal Evans	_____
Title	_____	_____	_____
Date	_____	_____	_____

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Taskbar: Done, Local intranet, Start, Inbox - Micro..., 1 Reminder, Microsoft Power..., Microsoft Word, OREGIN - Mic..., Print / Downloa..., BBC NEWS | Ne..., Adobe Photoshop, Macromedia Dre..., 13:05

Order confirmed



OREGIN - Microsoft Internet Explorer

Address: http://www.oregin.info/database_new/index.php?area=database&page=orders&nbStep=nbStep&order=nealev0003&NewProjectDescription=oregin1&order=nealev0003&order=nealev0003&order=nealev0003&o

Warwick HRI
Part of the Defra Crop Genetic Improvement Networks

OREGIN

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Search site:

Home | Research Activities | Resources | Stakeholders | Admin Login

Order Number Nealev0003

Log in / Log out

Home

Isolates

Search

Boxes

Members

My Settings

Order Management

My Details

My Orders

Return to Resources

Thank you for ordering Isolates from us. We will process your order as soon as we receive your printed and signed order.

Contact information

First Name **Neal**
Middle Name or Initial
Last Name **Evans**
Division **Plant-Pathogens Interactions**
Institution **Rothamsted Research**
Address
Address 2
Town **Harpenden**
PostCode or Zip **AL5 2JQ**
Country **United Kingdom**
Company Phone **+44 1582 763133**
Number
Extension **2296**
Company Fax Number **+44 1582 760 981**
Email **neal.evans@bbsrc.ac.uk**
Status of Membership **Full**
Type of User **Moderator**

Printer Friendly Page

Order detail

Please ship me samples of the following isolates in the Oregin Collection

Order number nealev0003

Isolate Number	Isolate name	Log Sent
737	PbUK120	0

Done

Local intranet

Start | Inbox - Microso... | 1 Reminder | Microsoft Power... | Microsoft Word | OREGIN - Micr... | Print / Downloa... | BBC NEWS | Ne... | Adobe Photoshop | Macromedia Dre... | 13:06

Germplasm/BnaDFFS material

- Management of resources via the database is simple
- Aim to incorporate plant resources into the same database

Techniques

OREGIN: Protocols (SOPs) - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://www.oregin.info/index.php?area=resources&page=protocols>

Search site: find

defra
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Home | Research Activities | Resources | Stakeholders | Admin Login

Overview
Databases
Protocols (SOP's)
Oilseed rape - information
Image archive
OREGIN-related links
OREGIN Satellite projects
Other Crop Genetic Improvement Networks

Scientific Protocols

Standard Operating Procedures (SOP's)

Inoculation procedures:

Making media that can be used to produce ascospores of the following fungi:
Pyrenopeziza brassicae conidia
Bulk production of *P. bras*
Protocol for the production of ascospores
P. brassicae ascospore suspension
Leptosphaeria maculans conidia
L. maculans ascospore production
L. maculans ascospore suspension

Field assessments:

Standard Rothamsted oilseed rape

Printer Friendly Page

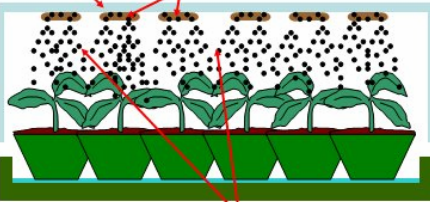
Site Map | Hosted by Rothamsted Research
Maintained by Neal Evans and Graeme

Website search technology courtesy of

same level as the target leaves to be inoculated (e.g. true leaves 2 and 3, or true leaves 4 and 5, etc).

3. Attach the stem pieces or pieces of agar containing mature apothecia to the underside of plant tray cover using petroleum jelly.
4. Place the tray cover over the tray with plants ensuring there is a 2 cm gap between the lid and the plant tray. This ensures that relative humidity is reduced, encouraging ascospore release.

Propagator lid Agar with pseudothecia



Ascospores released

5. Let ascospores 'rain down' onto plants for 24 h.
6. Remove lids, remove debris/agar and remove microscope slides.

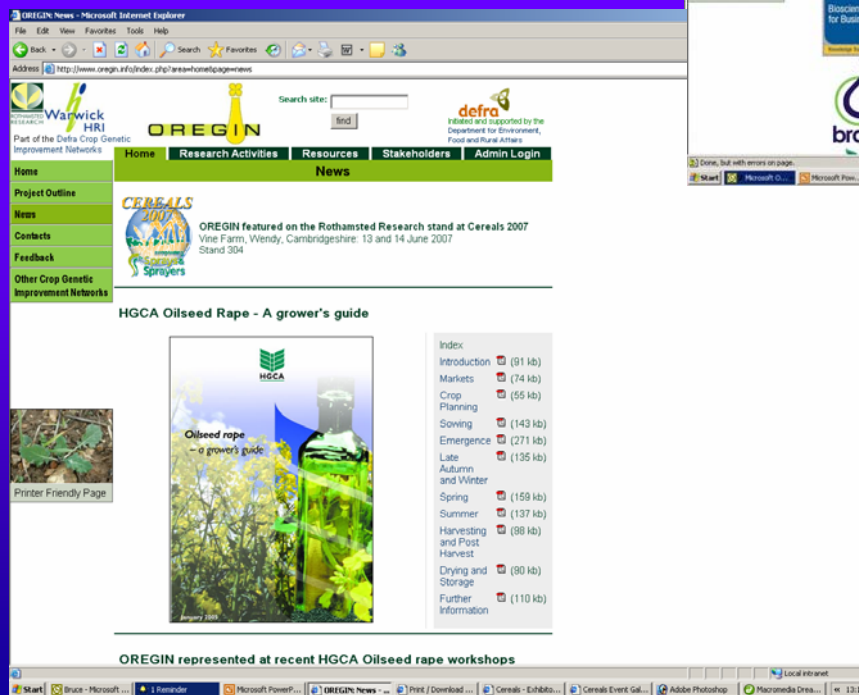
Done Local intranet

http://www.oregin.info/resources/sops/pbrassicae_conidiospore_bulk_production.htm

Start Bruce - Micros... 1 Reminder Microsoft Pow... OREGIN: Proto... Print / Downloa... Cereals - Exhib... Cereals Event... Untitled Docu... Adobe Photoshop Macromedia Dr... 13:20

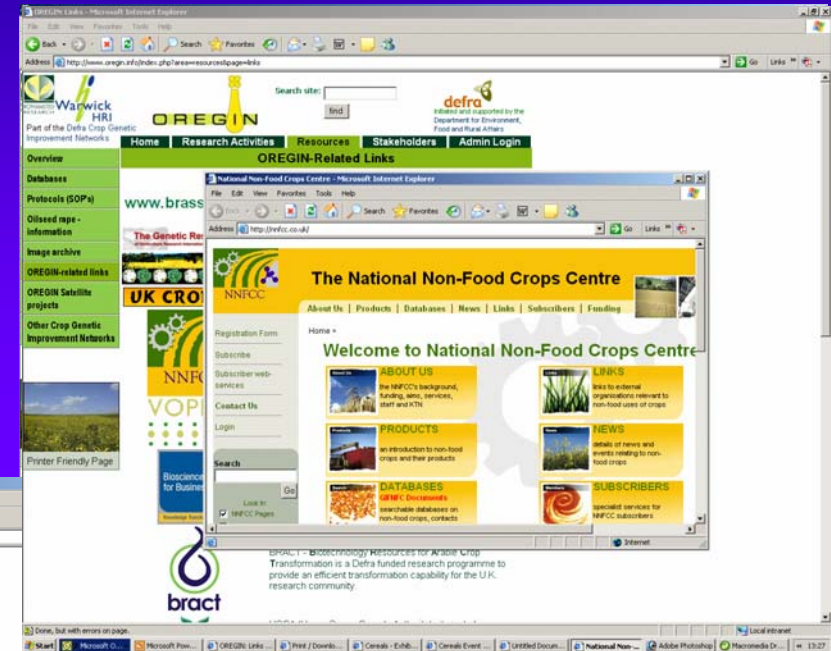
Information

- Website
 - Up-to-date (events, minutes, etc)



The screenshot shows the OREGIN website home page. The header includes the Warwick HRI and defra logos, along with navigation tabs for Home, Research Activities, Resources, Stakeholders, and Admin Login. A sidebar on the left lists various resources like Databases, Protocols (SOPs), and OREGIN-related links. The main content area features a 'News' section with a headline about OREGIN being featured at the Cereals 2007 stand, and a 'HGCA Oilseed Rape - A grower's guide' section with a list of topics and their file sizes.

Topic	File Size
Index	
Introduction	(91 kb)
Markets	(74 kb)
Crop Planning	(55 kb)
Sowing	(143 kb)
Emergence	(271 kb)
Late Autumn and Winter	(135 kb)
Spring	(159 kb)
Summer	(137 kb)
Harvesting and Post Harvest	(98 kb)
Drying and Storage	(90 kb)
Further Information	(110 kb)



The screenshot shows the National Non-Food Crops Centre (NNECC) website. The header includes the Warwick HRI and defra logos, along with navigation tabs for Home, Research Activities, Resources, Stakeholders, and Admin Login. The main content area features a 'Welcome to National Non-Food Crops Centre' message, a 'Registration Form' section, and several featured sections: 'ABOUT US', 'LINKS', 'PRODUCTS', 'NEWS', 'DATABASES', and 'SUBSCRIBERS'. The website also includes a search bar and a printer-friendly page option.

- Interaction with stakeholders
 - SHF
 - Cereals 2007



Vine Farm, Wendy, Nr. Royston, Cambridgeshire: 13 and 14 June 2007