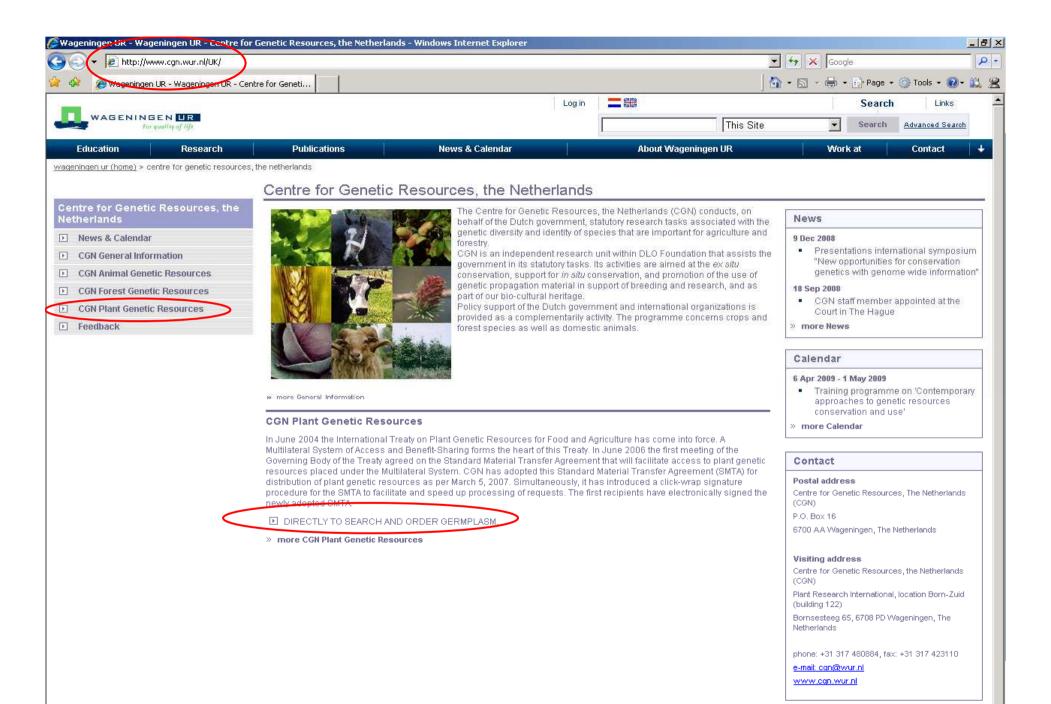
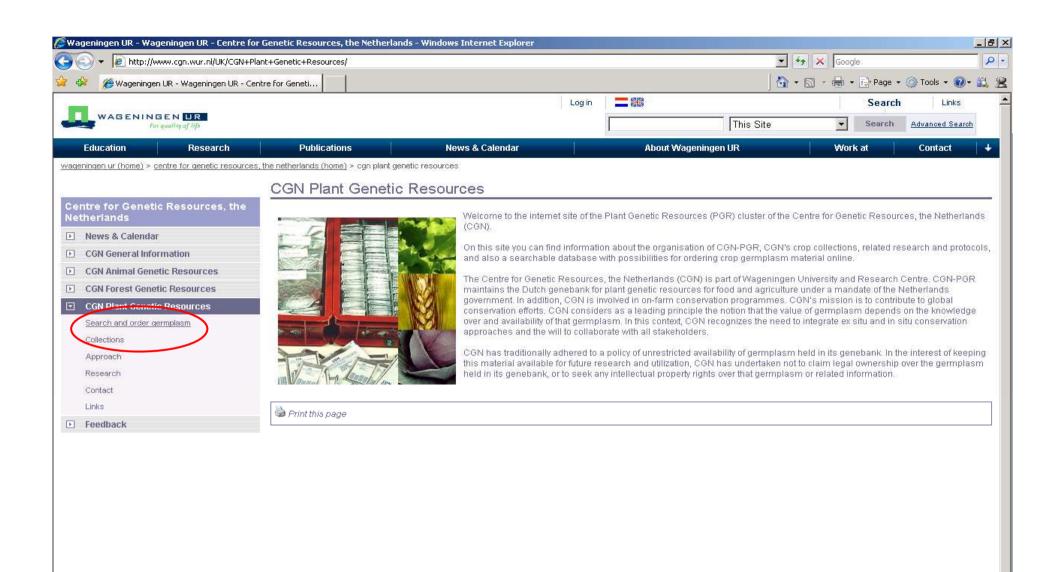
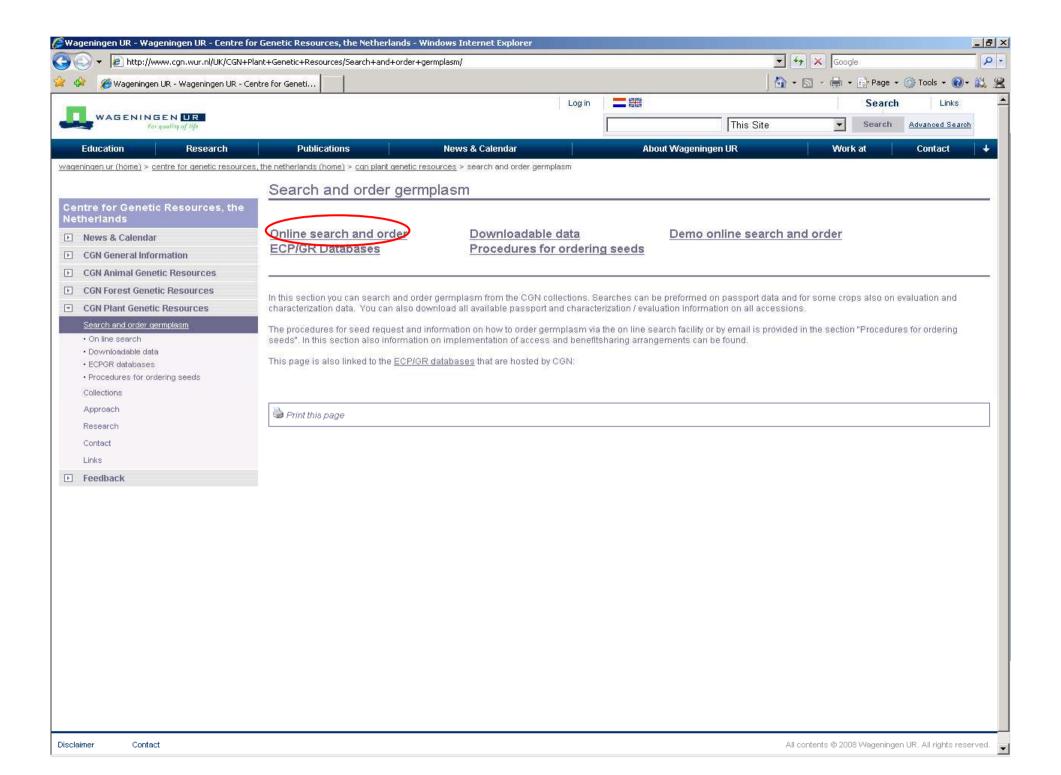


Online ordering of material from the CGN-PGR

Theo van Hintum & Frank Menting
Centre for Genetic Resources, The Netherlands (CGN)









On-line search facility for CGN collection data

Selection of genetic material

This page gives access to the CGN passport data searchforms. Basically there are two ways of searching the database:

- · Via the 'all crops' option search the entire database
- . The crop-specific search form focuses on a certain crop, using pulldown menu's which contain only the relevant data for the selected crop



New ordering procedure for CGN collection materials

The following procedure has been introduced to facilitate access to our collections. As a first step you may select the desired samples, and provide us with your selection, your contact details and the address details for shipments. You also have to provide us with the contact details (preferably e-mail account) of the official in your institution or company who is authorized to undersign the Standard Material Transfer Agreement. Since the Standard Material Transfer Agreement is a legally binding contract, this officer needs to have the mandate to enter into contracts on behalf of the institution or company. In case you may act yourself as the Authorized Official, you will provide us with your own contact details. As soon as we receive your request we shall electronically forward your request to the Authorized Official indicated by you. The Authorized Official may then undersign the Standard Material Transfer Agreement and enter into the contract by an electronic click-wrap procedure. The entire procedure can be completed within 24 hours. We shall then immediately send you the requested samples.

In case you have no facilities or you are not allowed or do not wish to agree to the terms and conditions of the Standard Material Transfer Agreement electronically, you may request a hard copy Standard Material Transfer Agreement, which will then be mailed to the Authorized Official immediately. Once we have received your signed and returned hard copy Standard Material Transfer Agreement, we shall dispatch the shipment containing the requested samples.

CGN will no longer use its former Interim Material Transfer Agreement in either the single-transfer or multi-transfer version. The conditions of the Interim Material Transfer Agreement remain in force for the transactions concluded previously.

More information on the Standard Material Transfer Agreement can be found on www.absfocalpoint.nl, sections Policies and Frequently Asked Questions. In case you have any further questions, do not hesitate to contact us.

We are confident that the introduction of the Standard Material Transfer Agreement adds to transparency and confidence in the conditions posed to use of PGRFA globally.





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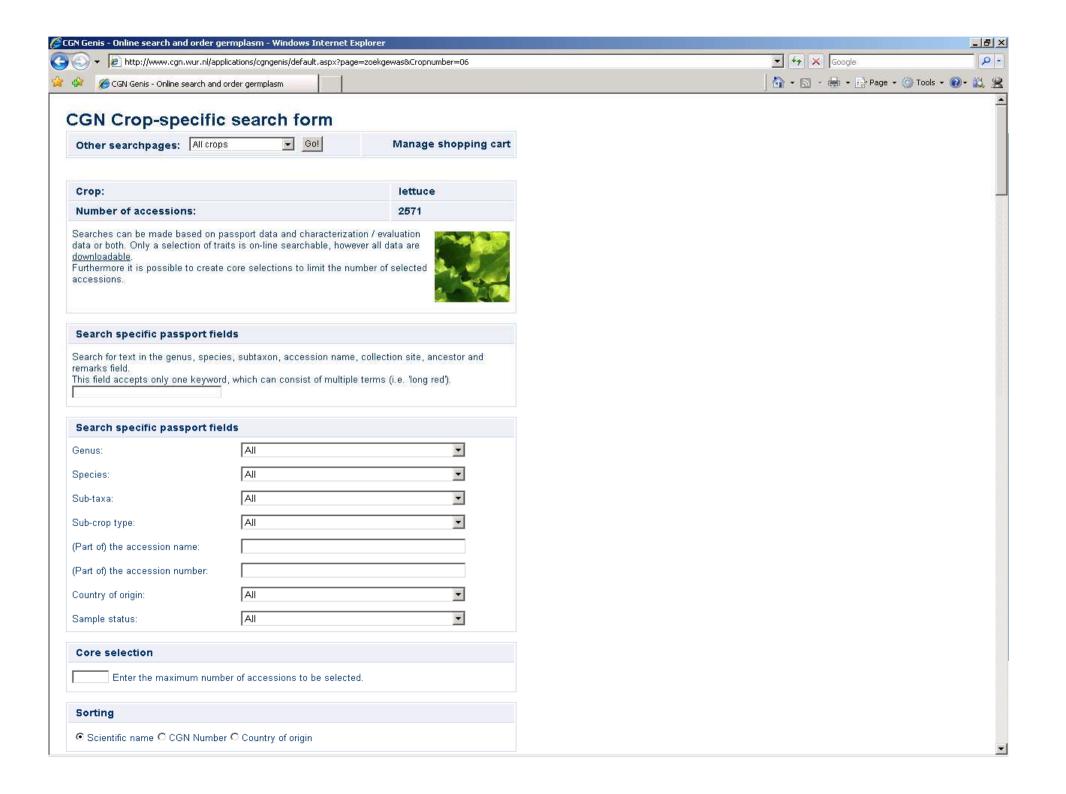
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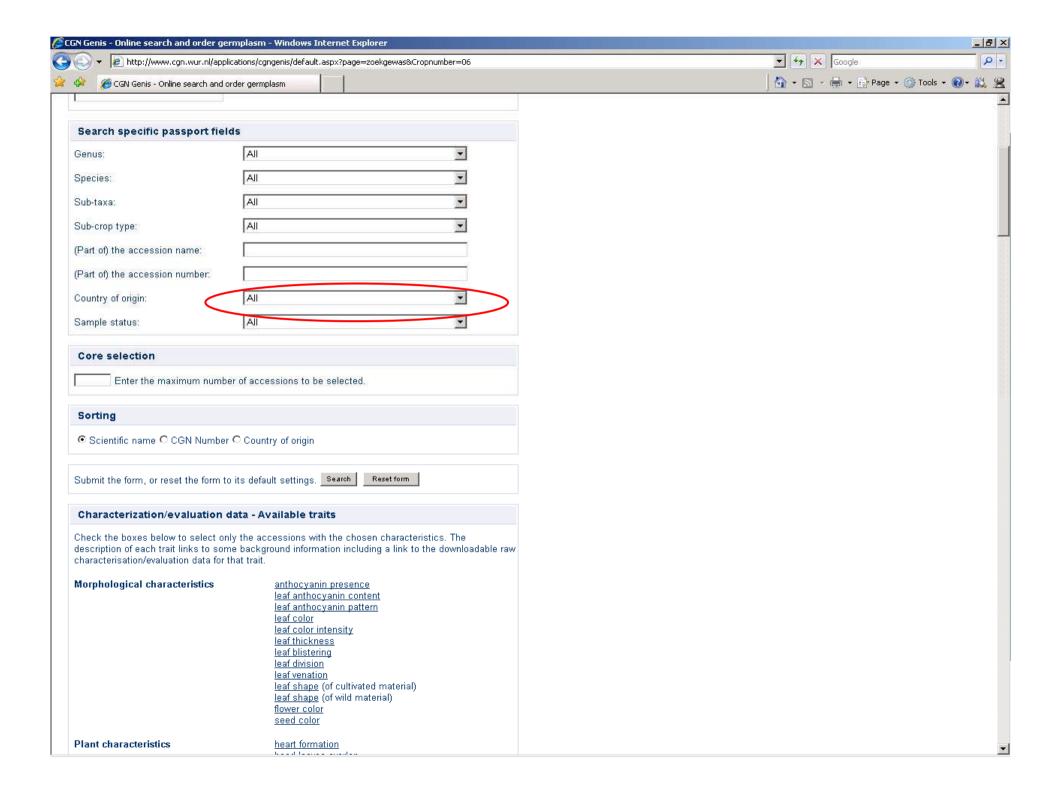
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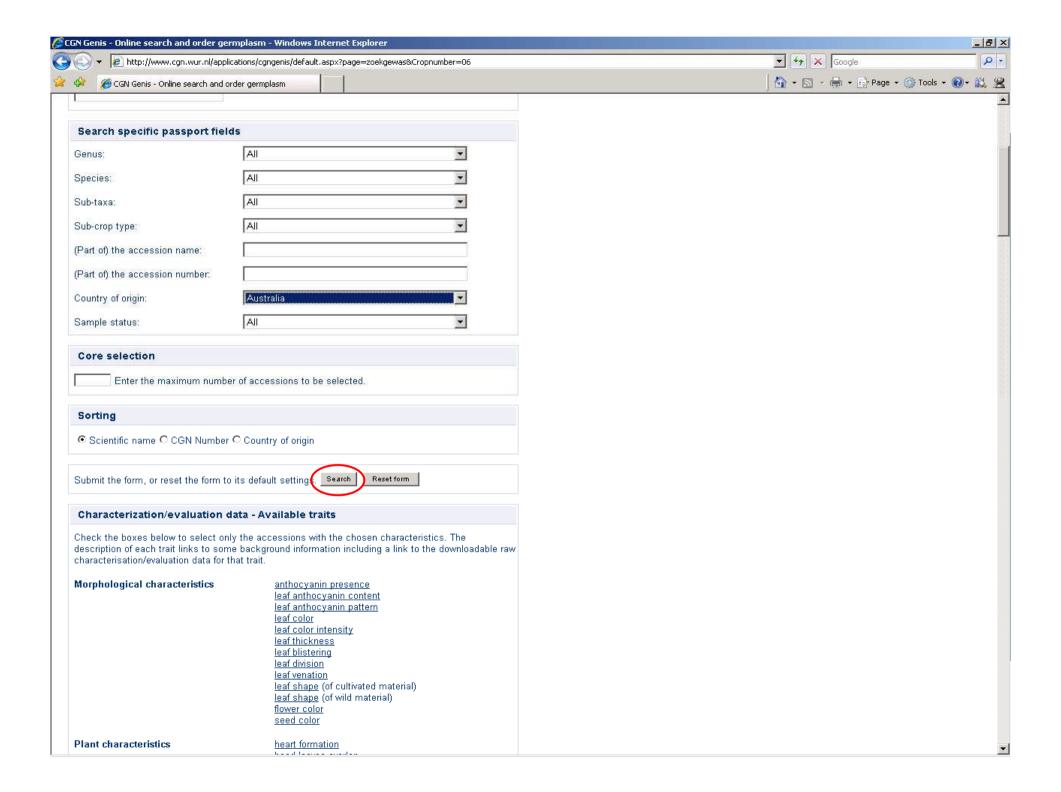
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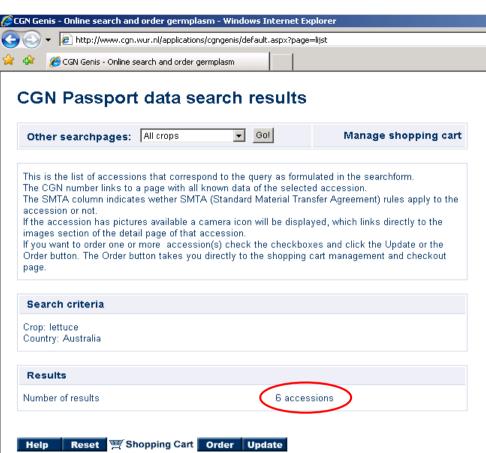
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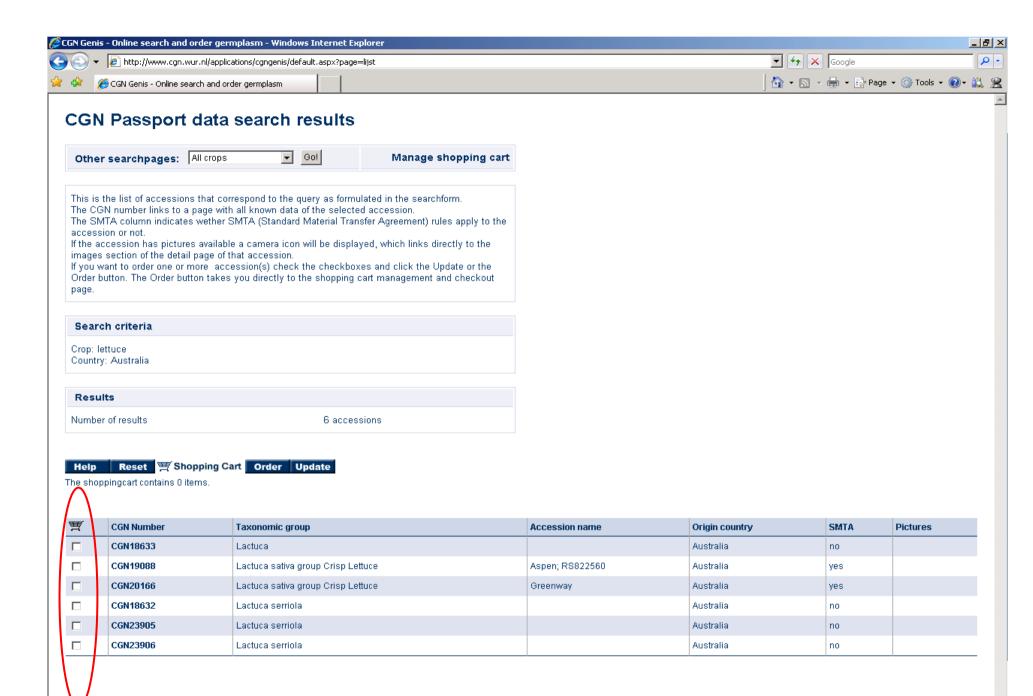


The shoppingcart contains 0 items.

實	CGN Number	Taxonomic group	Accession name	Origin country	SMTA	Pictures
	CGN18633	Lactuca		Australia	no	
	CGN19088	Lactuca sativa group Crisp Lettuce	Aspen; RS822560	Australia	yes	
	CGN20166	Lactuca sativa group Crisp Lettuce	Greenway	Australia	yes	
	CGN18632	Lactuca serriola		Australia	no	
	CGN23905	Lactuca serriola		Australia	no	
	CGN23906	Lactuca serriola		Australia	no	

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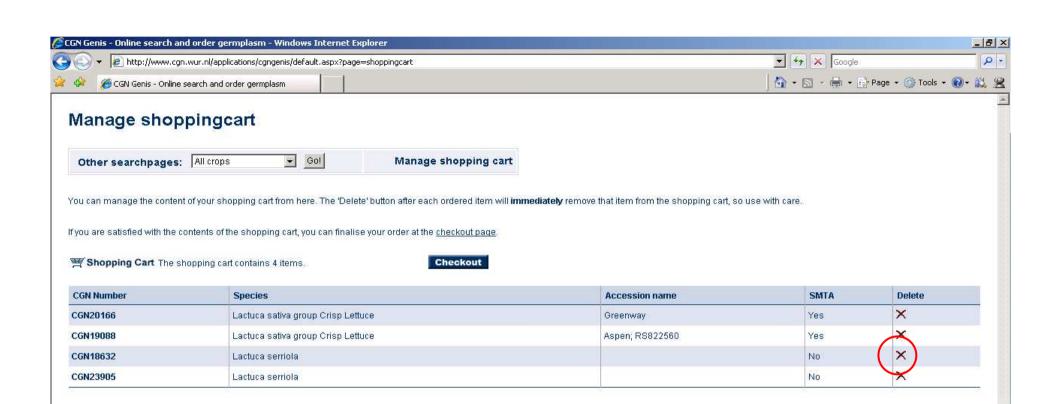


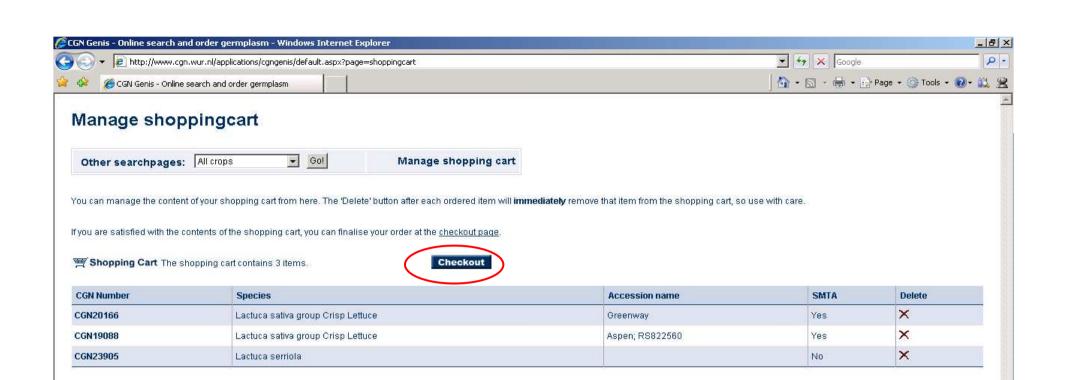
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✓	CGN20166	Lactuca sativa group Crisp Lettuce	Greenway	Australia	yes	
✓	CGN18632	Lactuca serriola		Australia	no	
✓	CGN23905	Lactuca serriola		Australia	no	
	CGN23906	Lactuca serriola		Australia	no	

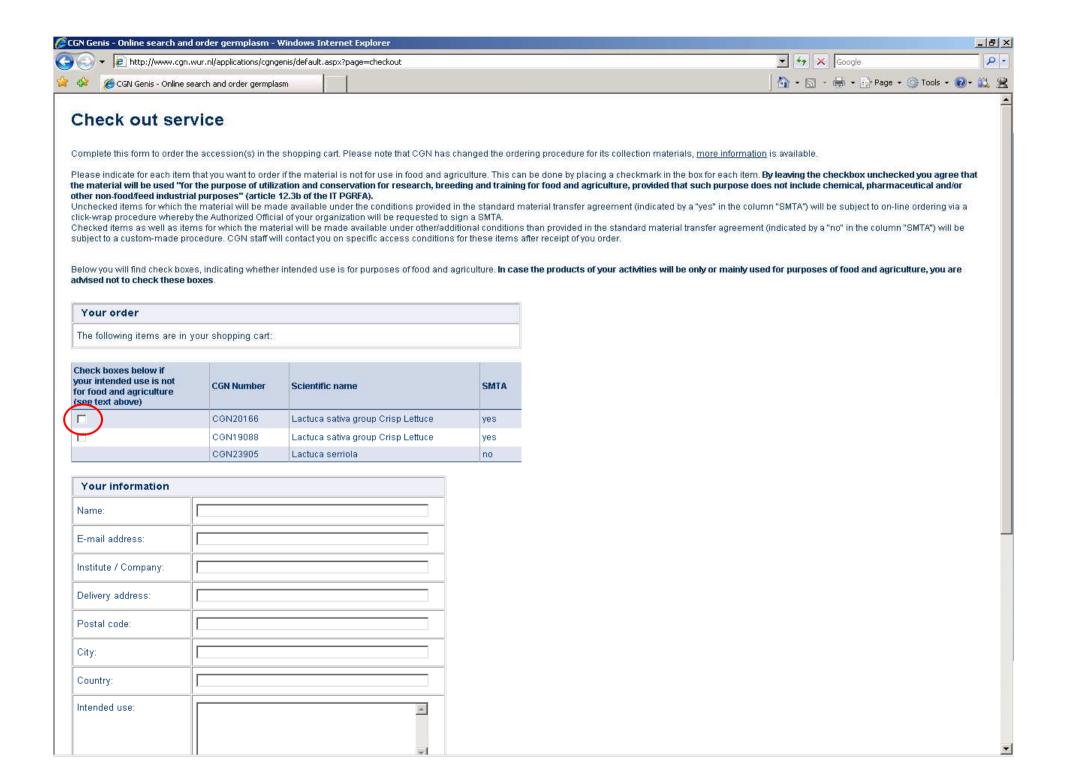
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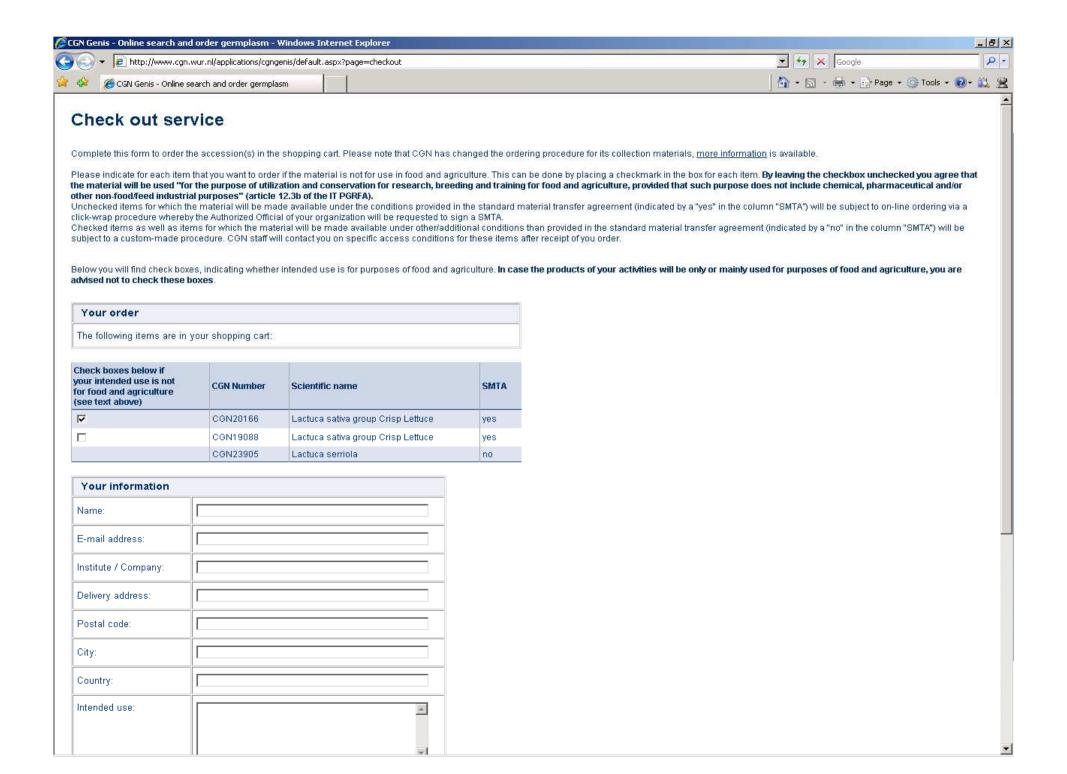
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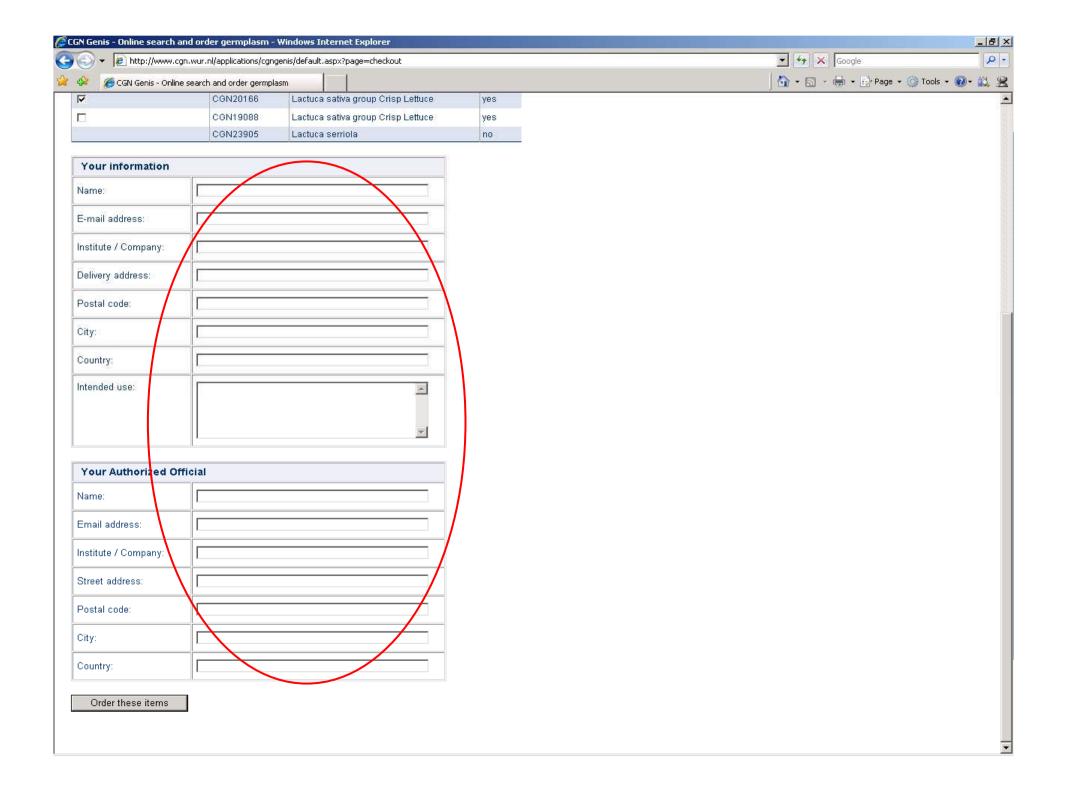
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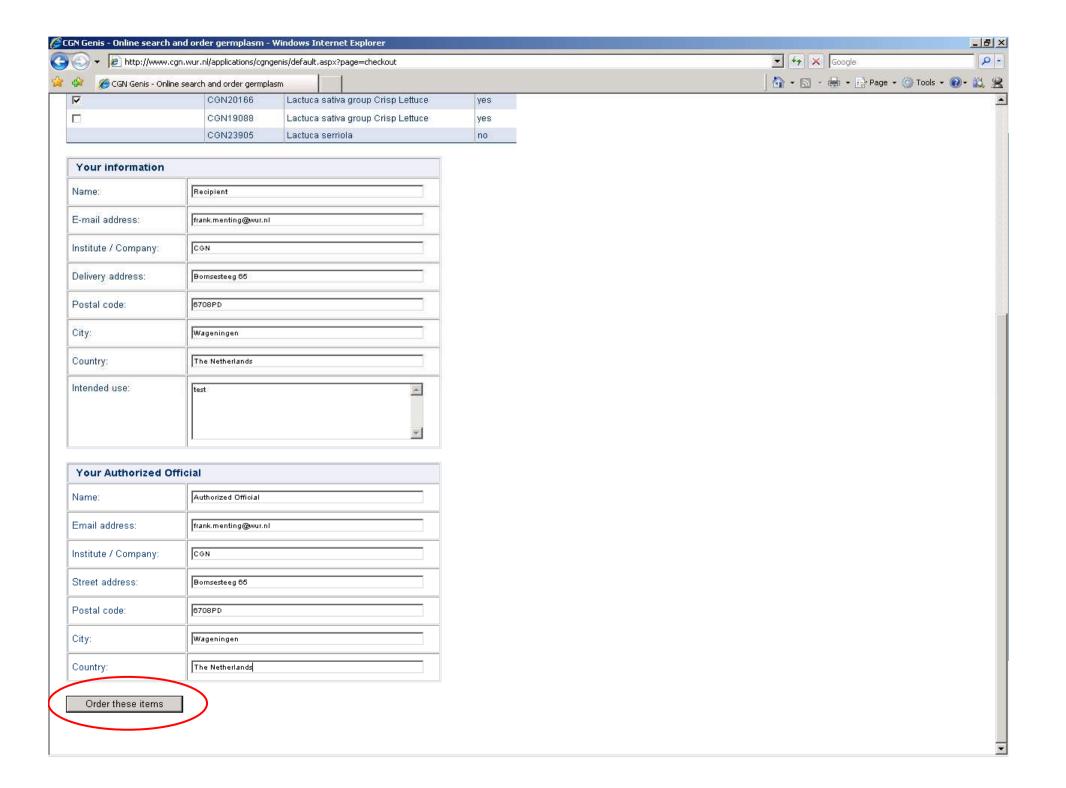














Order confirmation

Your order is received by CGN. The procedure from here on is:

Right nov

As far as the CGN online ordering system is concerned, you finished shopping. Your shopping cart has been cleared since we assume you finished ordering.

Refore authorization

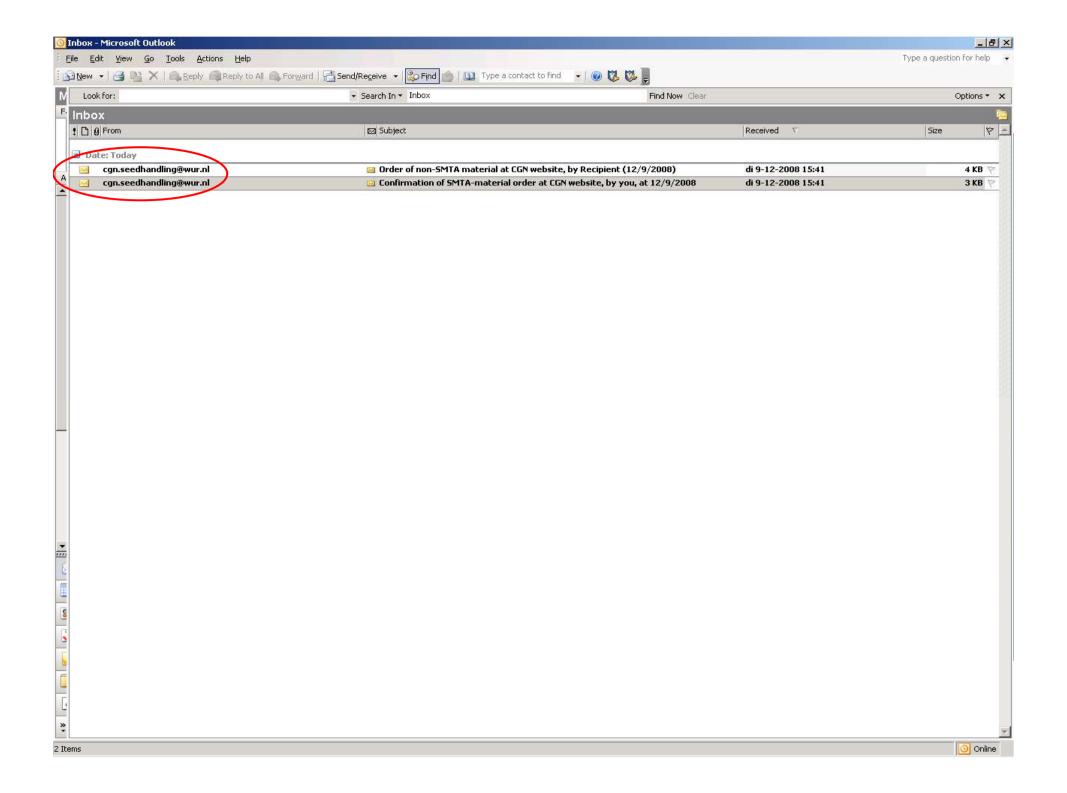
You will receive an e-mail confirming your order. For material for which the SMTA procedure does not apply, CGN staff will contact you on further specific conditions that will be needed for access to this material. In case of ordered material for which the SMTA procedure applies, the Authorized Official will also receive an e-mail asking him/her to check and authorize your order. The link, provided in the mail to the Authorized Official, will no longer work 60 days after order date.

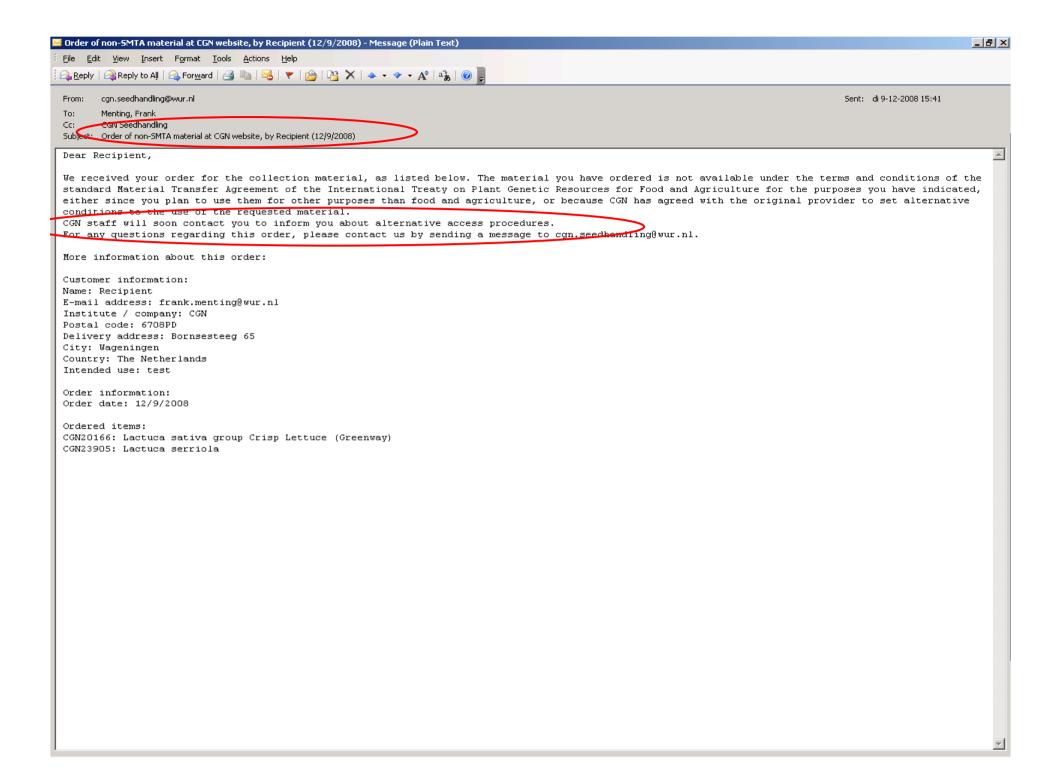
On authorization

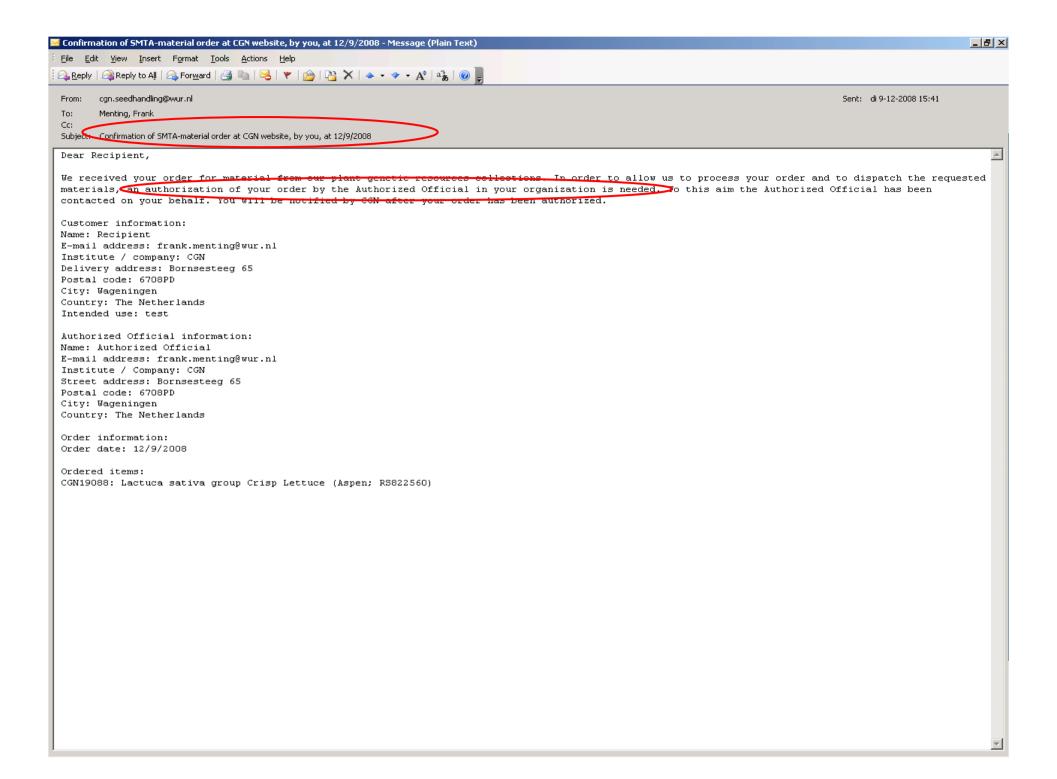
If the Authorized Official authorizes the order, three e-mails will be sent. One as a confirmation to the Authorized Official, one to you (the orderer) as a confirmation that your order has been authorized and will be handled by CGN, and one to the CGN handling department.

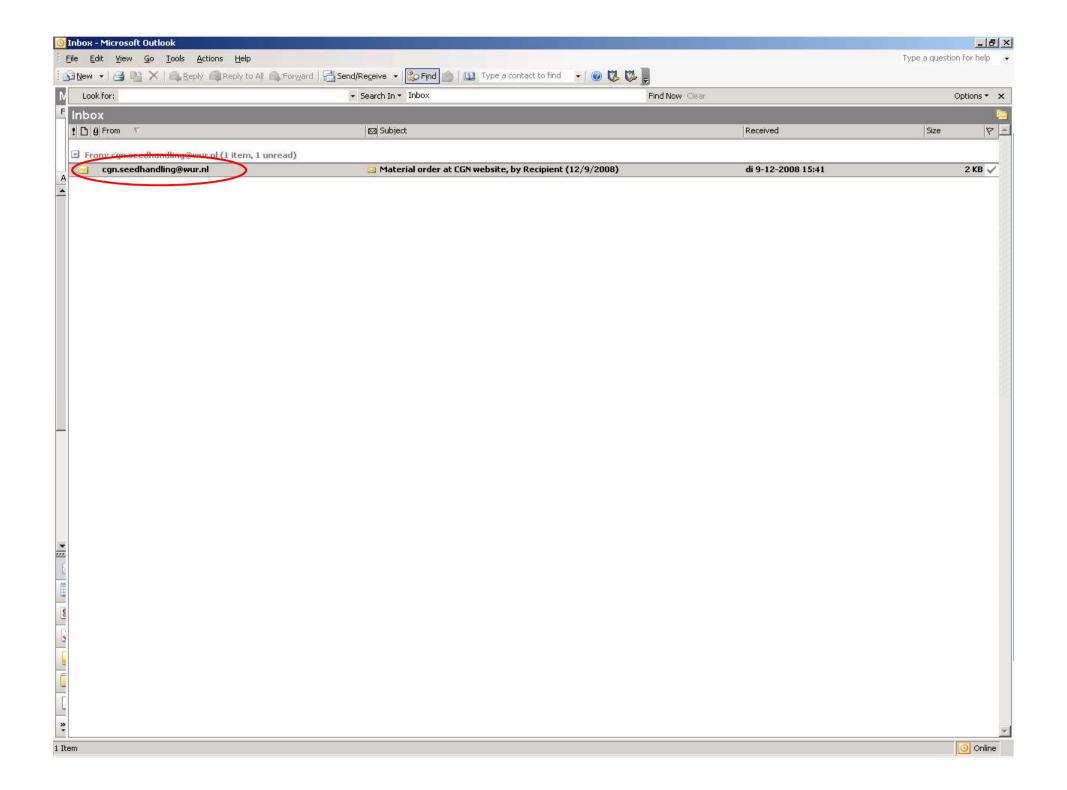
If you want to continue shopping, choose a crop from the list and click the 'Search' button.

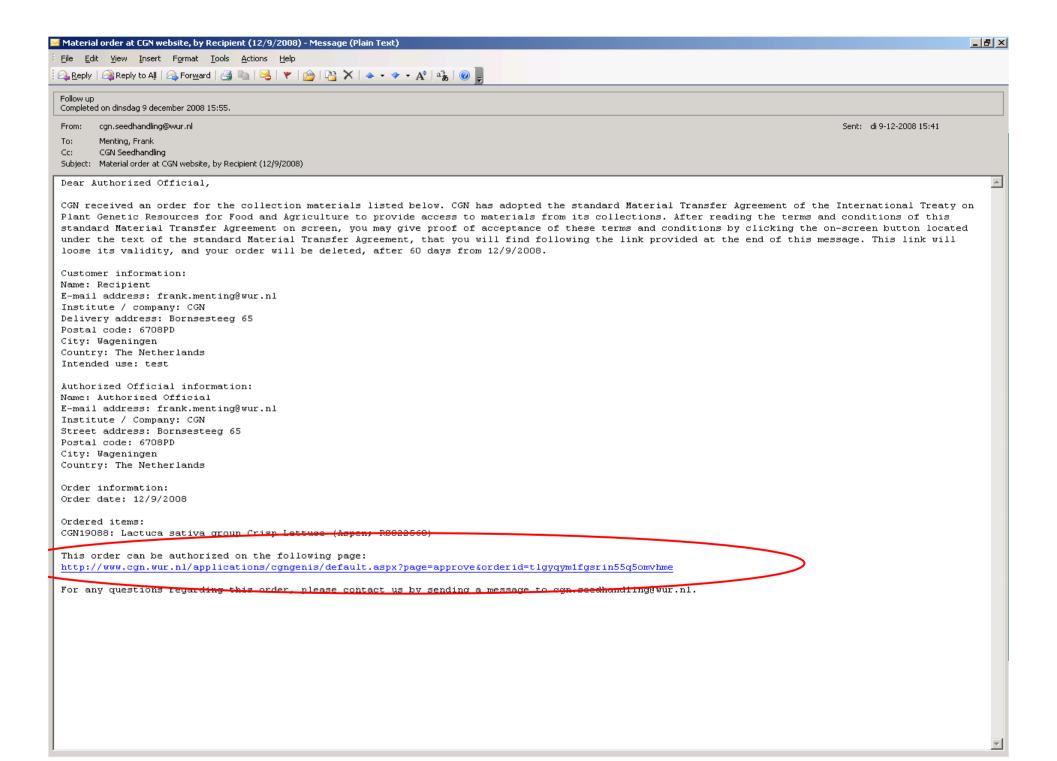


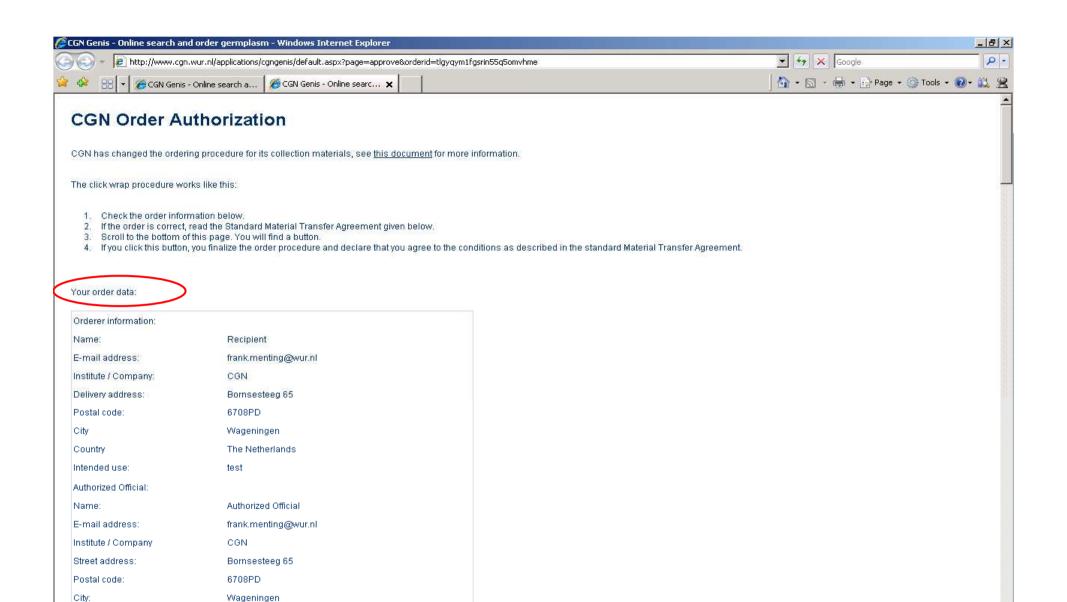












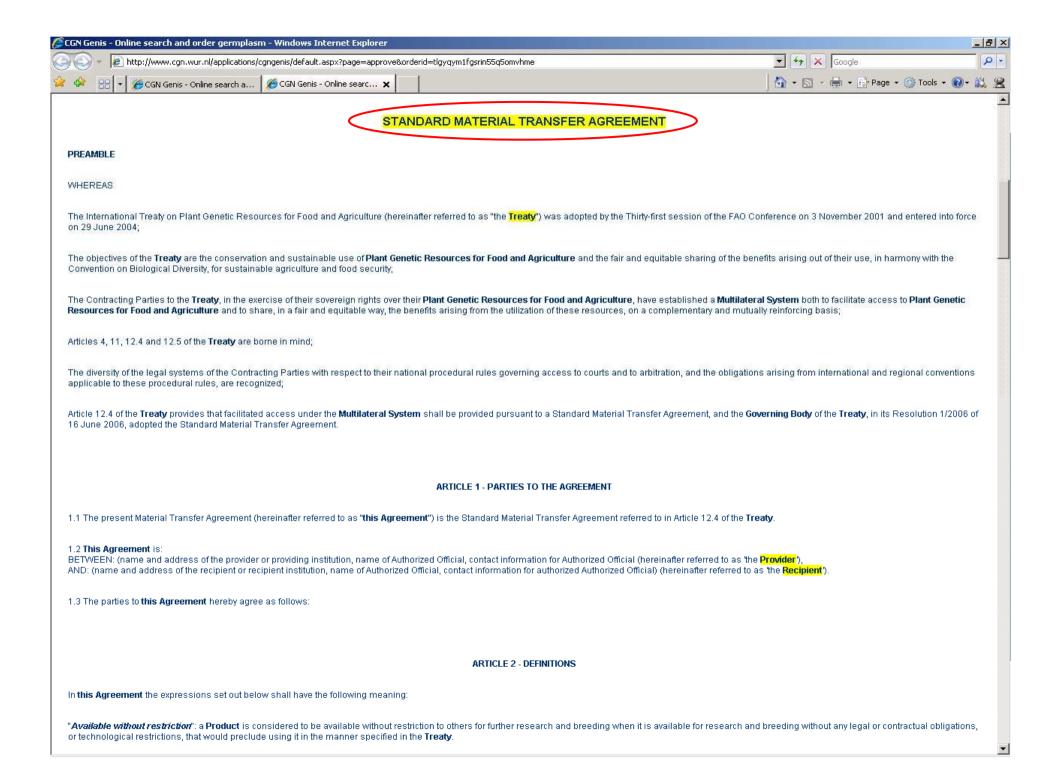
Ordered items:

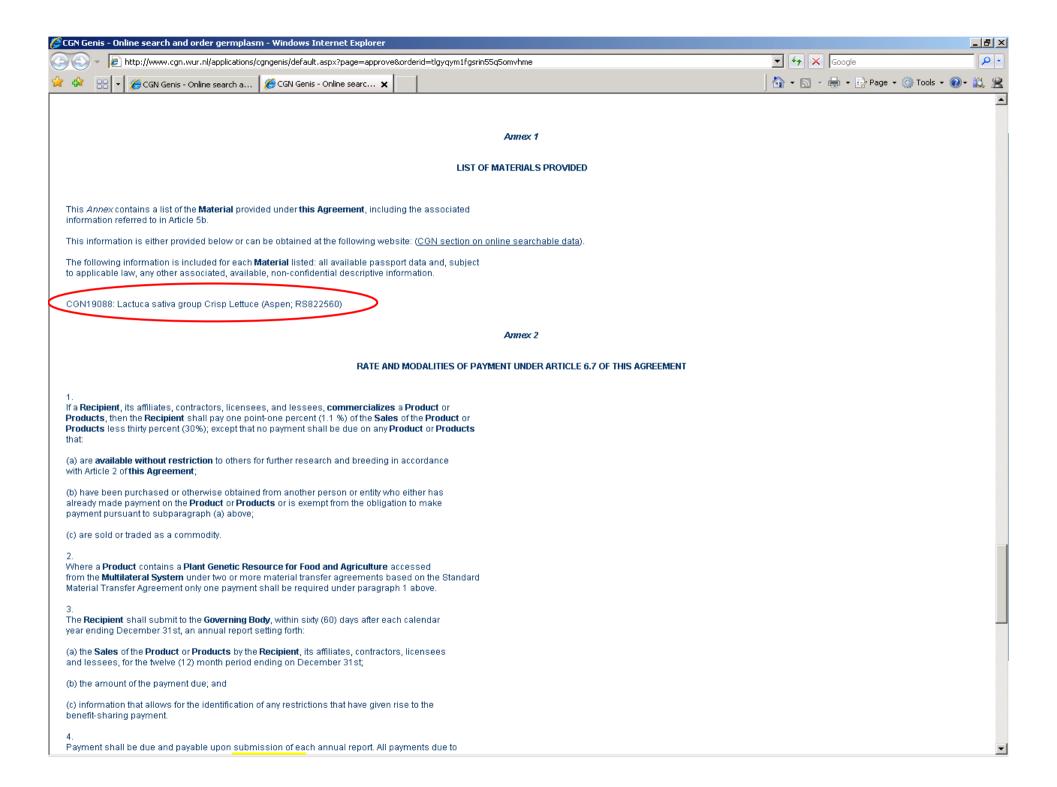
Order information:

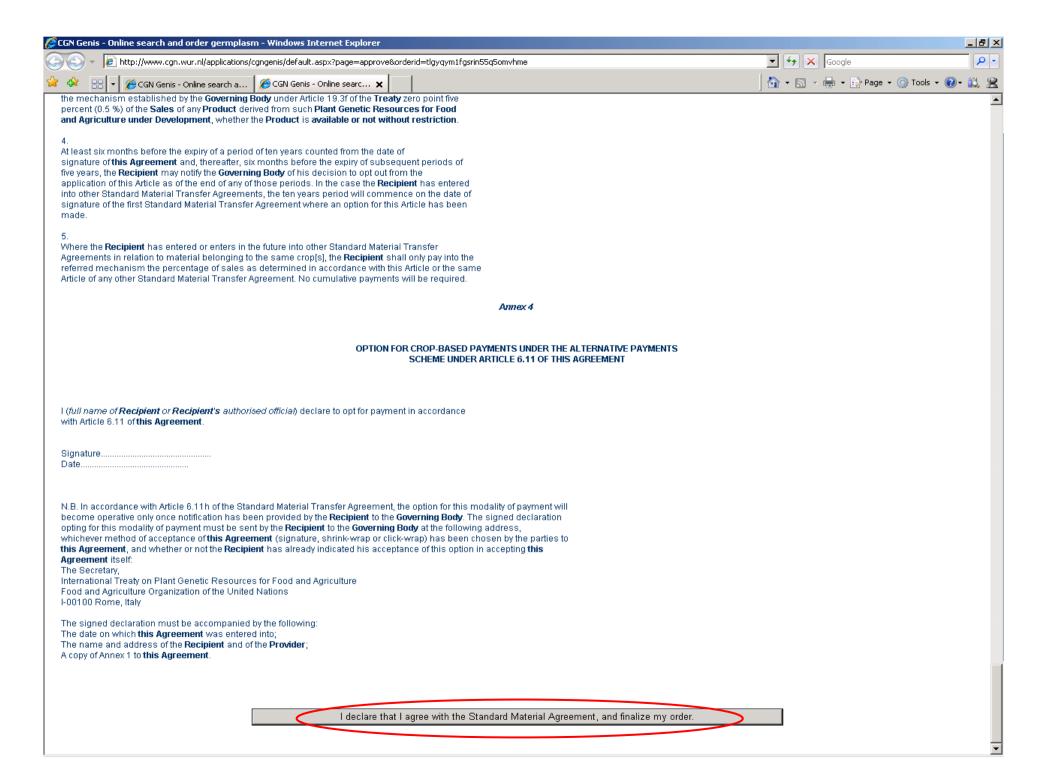
Country:

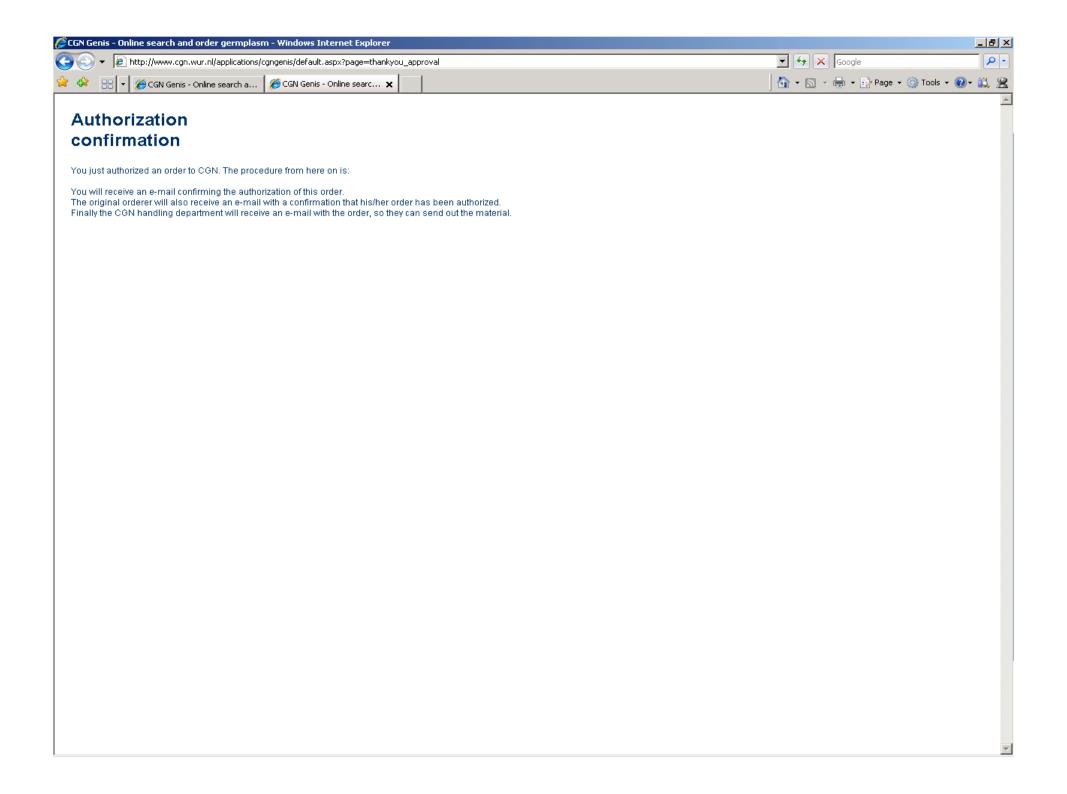
CGN19088: Lactuca sativa group Crisp Lettuce (Aspen; RS822560)

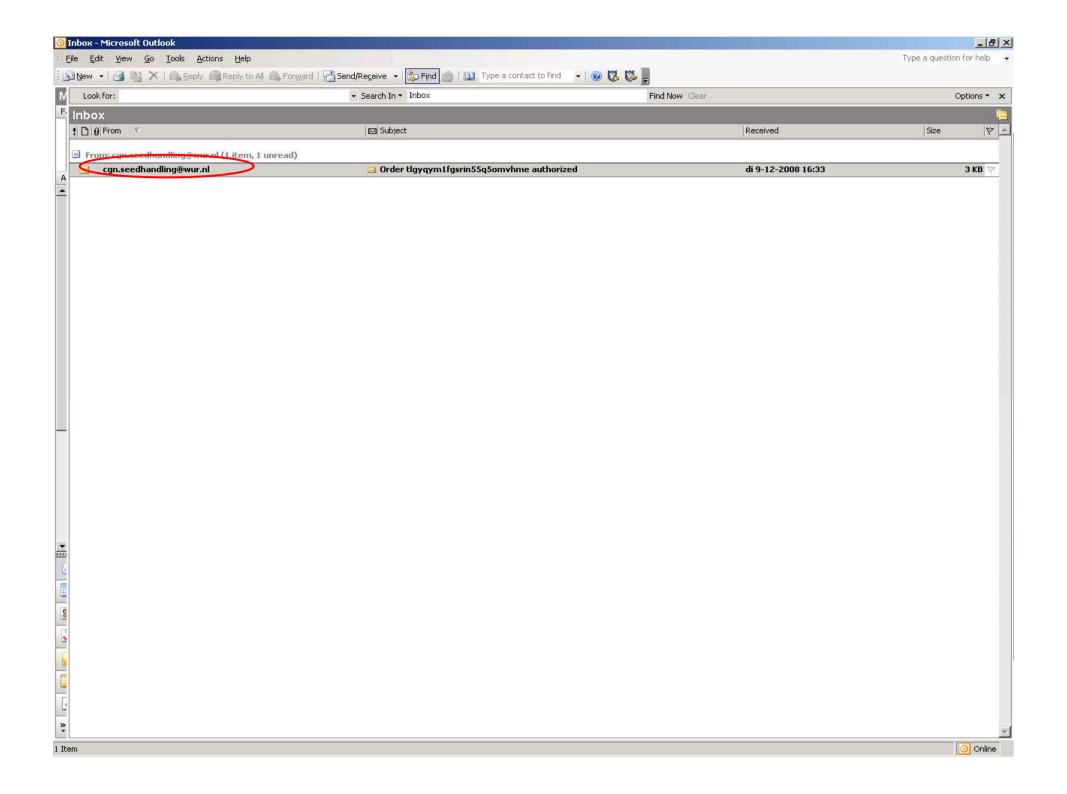
The Netherlands

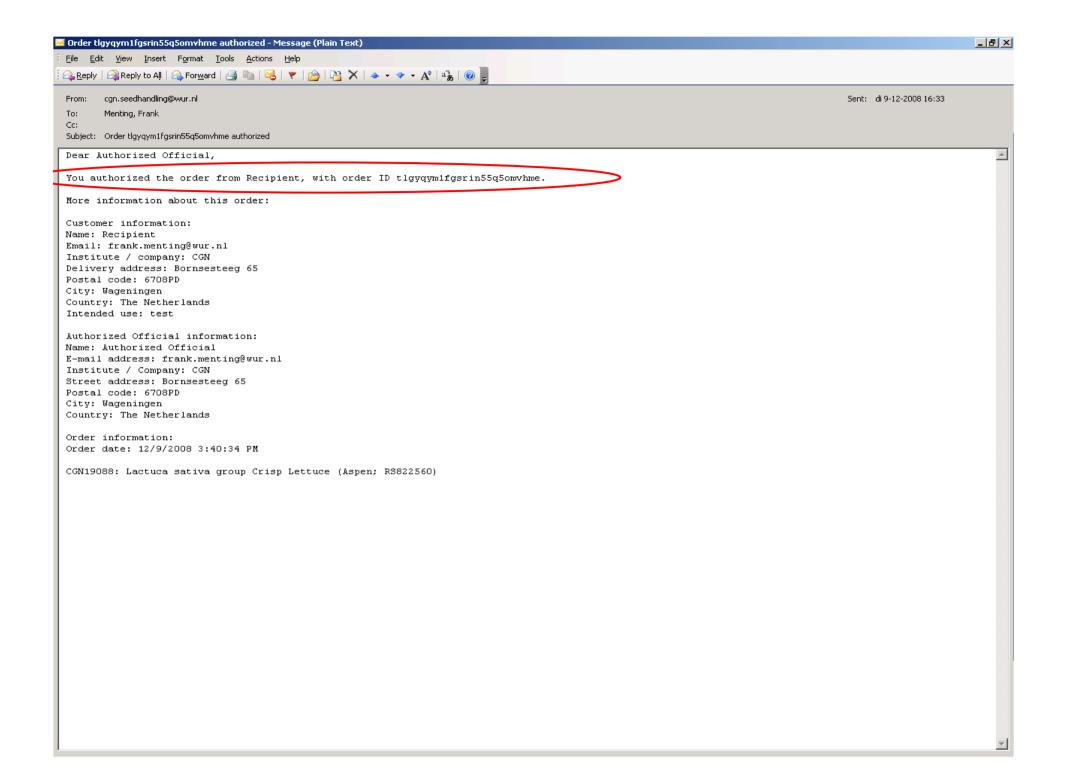


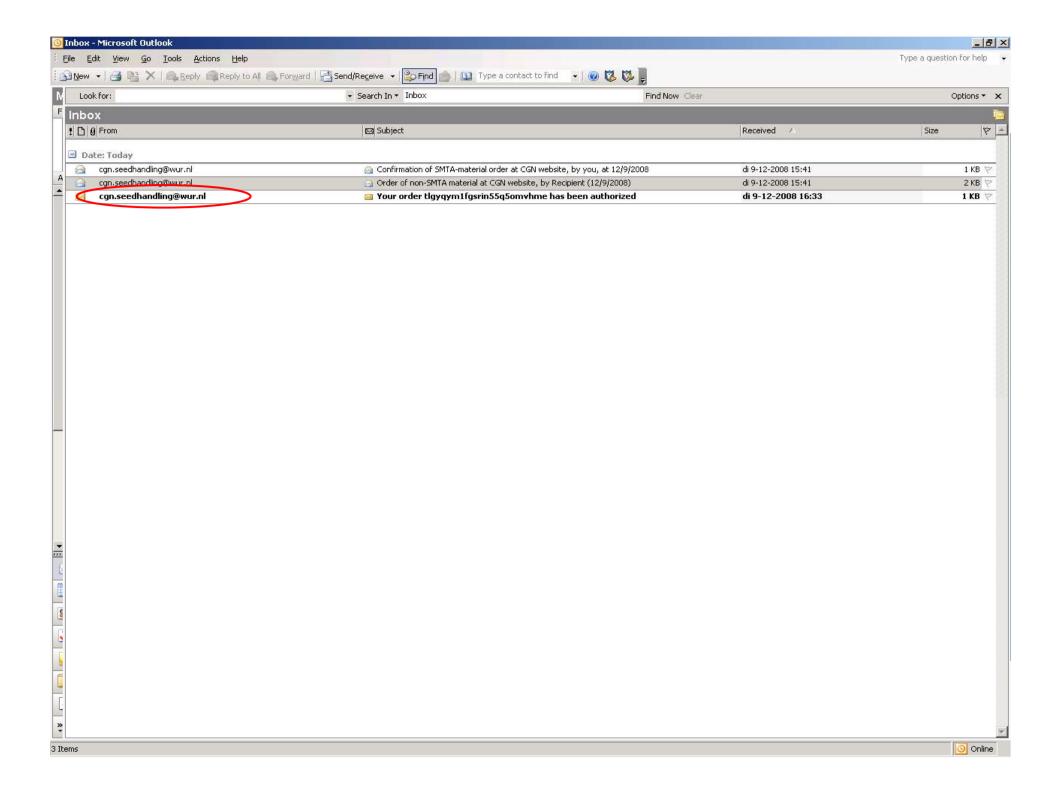


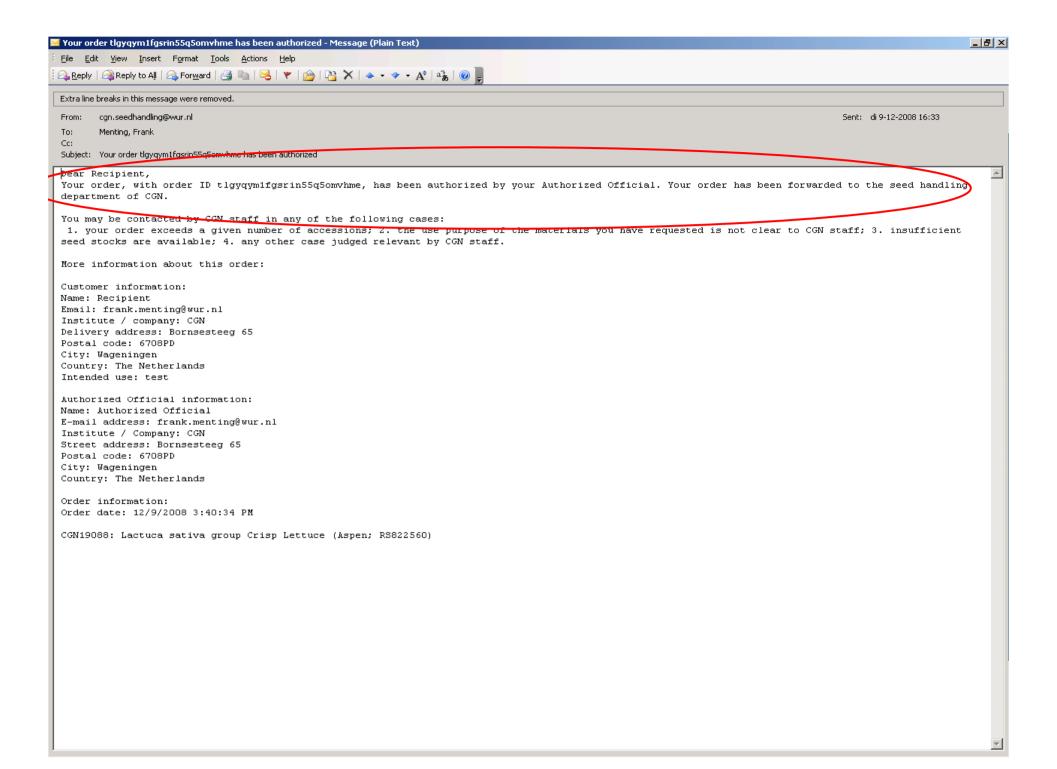












Online ordering of material from the CGN-PGR

- time schedule
 - September 2006: Planning and development
 - October 2006 January 2007: Implementation
 - February 2007: Testing
 - March 2007: new website with electronical ordering via click-wrap procedure in production
 - slow because the specifications kept changing



Online ordering of material from the CGN-PGR

- observation
 - this is a relatively simple procedure provided the specifications are clear
 - requires some straight forward scripting
- issue
 - do we need to ask for an 'authorized official' ?
 - IPK doesn't
 - if not simplifies the procedure



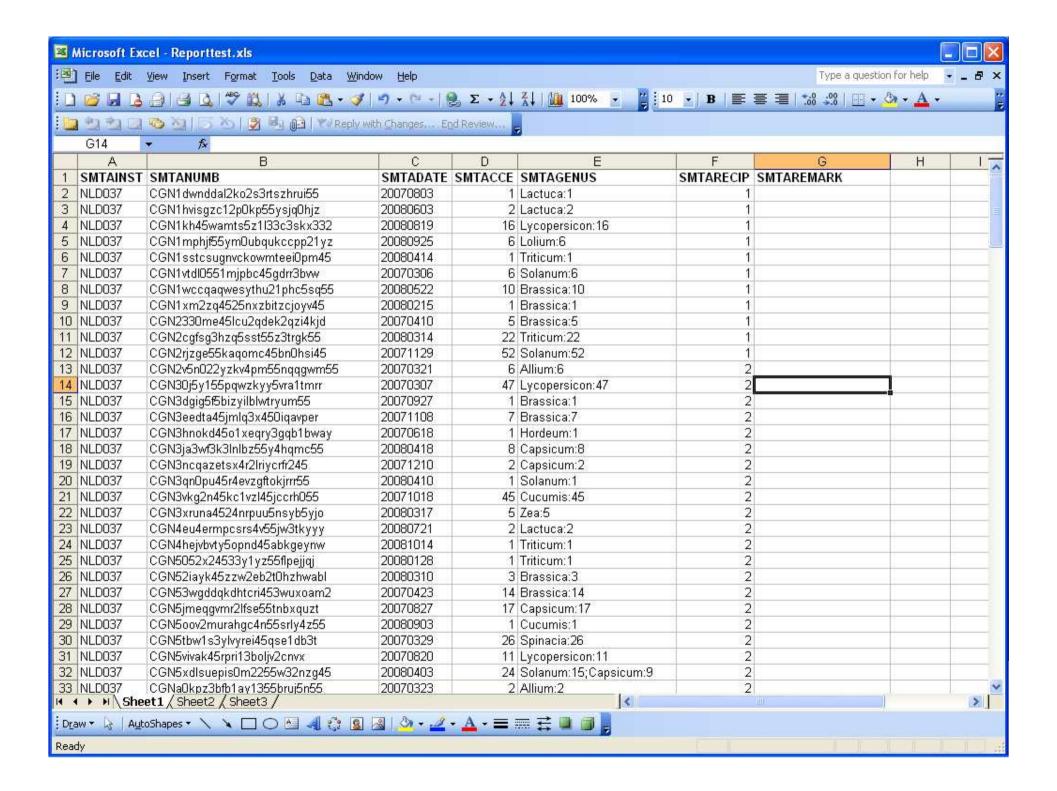


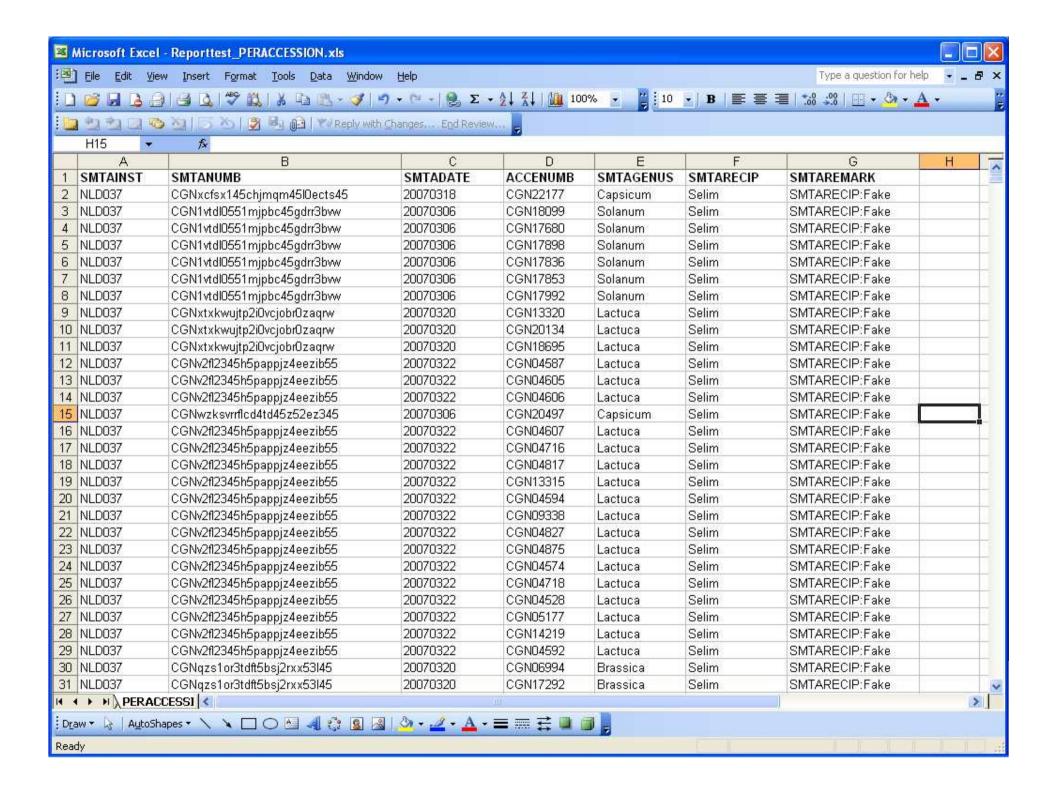
- initial idea: use CGN as sandbox for the PID server
- objections: no good reasons to have a PID for the transactions
 - disadvantages
 - unnecessary technical complexity
 - reliability on ITS server
 - extra requirement on user (registration)
 - advantages
 - no convincing (we are open for new arguments)

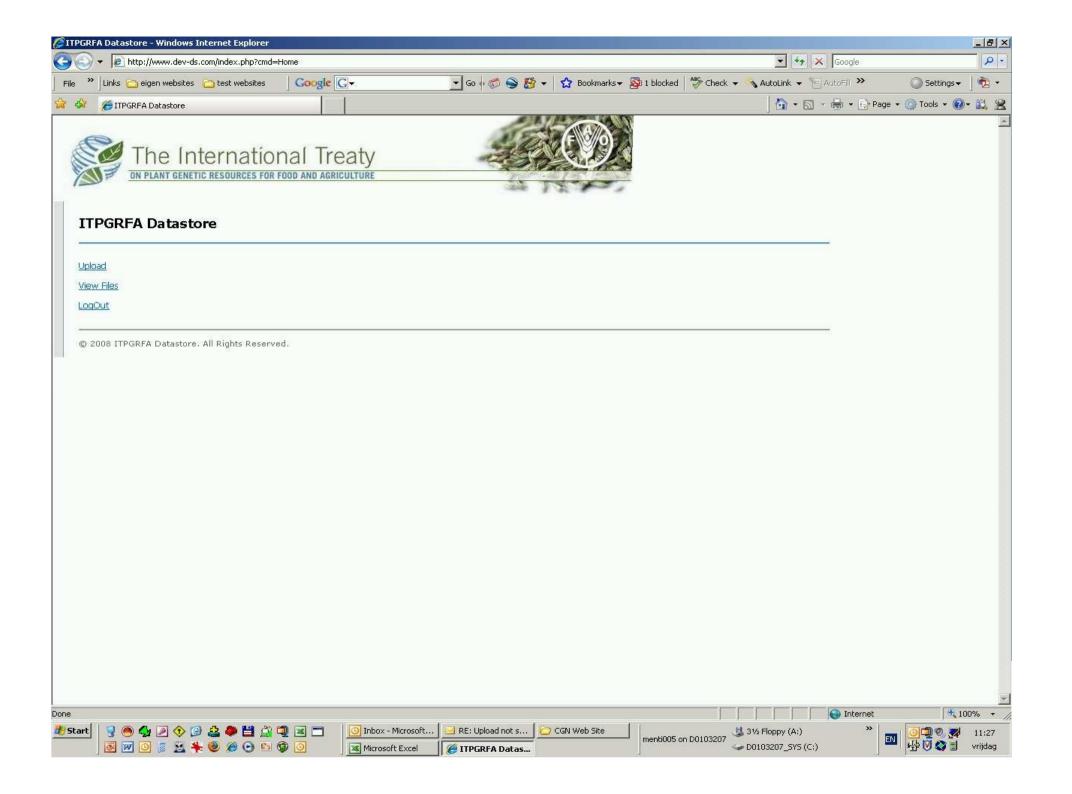


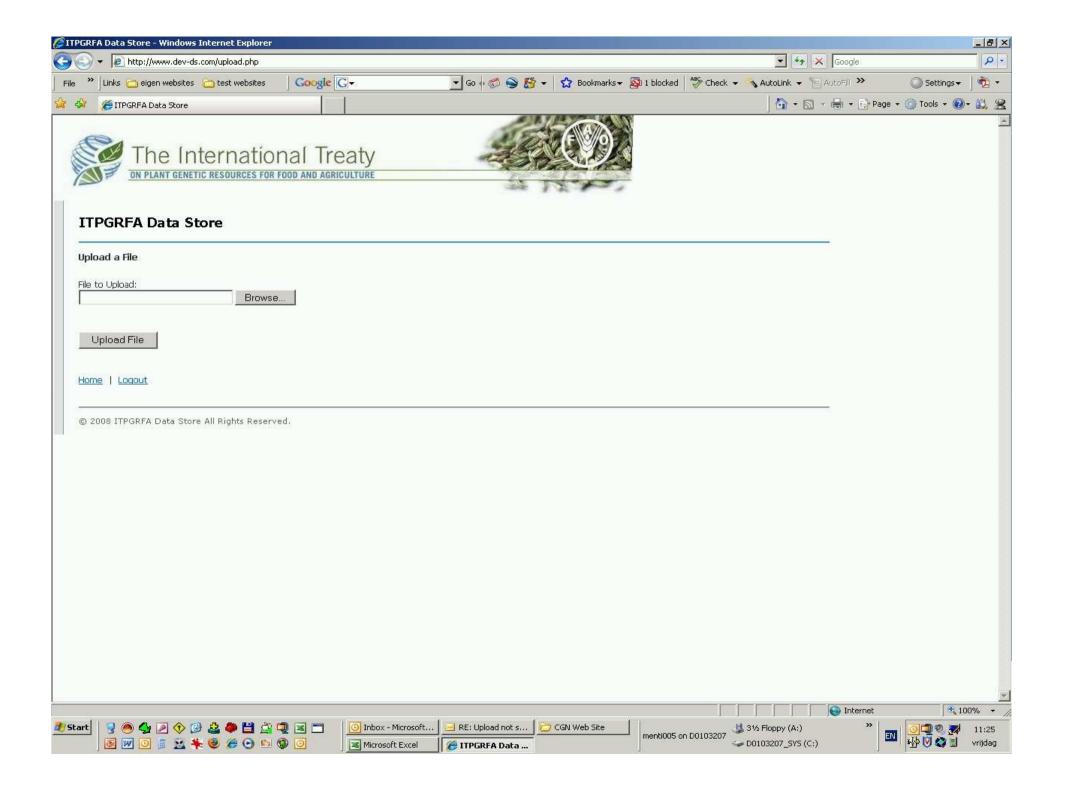
- alternative scenario
 - we upload the transactions off-line
 - regular intervals automatic (as part of CGN 2 monthly procedure)
 - in whatever format agreed upon EURISCO or more format either giving receiver and/or accession
 - alternative: ITS harvests list via web-service
 - when required we use ITS or local code for receiver
 - local codes can be updated after offline registration by ITS











- requirements
 - agreed format for uploading
 - job for Contracting Parties
 - proper Data Store at ITS
 - very simple database
 - validating mechanism at ITS for uploaded files
 - check integrity of data: proper structure and proper values
 - based on established EURISCO validation mechanisms



<u>Acknowledgments</u>

- Herman Nijland (WUR)
 - technically implemented the ordering service
- Marco van Veller (formerly CGN)
 - supervised implementation of ordering system
 - created demonstration slides ordering system

