

# Quality assurance in organic agriculture through improved cooperation between trade and certification: A new approach

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## Who we are

### ARGE BIO-REGIONEN Österreich

- Platform for organic producers, wholesalers and processors
- Aims to support organic farming
- Wants to assure product safety throughout the whole food chain
- Links up the organic sector with retail chains
- Works closely with organic Certifications Bodies (CB)

### Austria Bio Garantie

- Austria`s biggest organic CB
- More than 14.000 clients
- Offers high quality inspection services

## How we cooperate

- Exchange of certification data and data of flows of goods between the CB and the platform of organic producers
- Release of delivered goods by the certification body

## Reasons for cooperation

- Increasing product safety and avoiding fraud by linking up all levels
- Permanent monitoring instead of point in time inspection
- Access to up-to-date data
- Traceability across the whole supply chain
- Quick reaction in case of certification denials
- Concentration on risk management rather than on multiple data recording
- Easier access to sales channels

# How we cooperate



# Contract

contract - User: Peter Krainer -- Filter: Leer

dealer farmer storage **contract** delivery storage stock transfer stock removal Rezepturen Verarbeitung inventory crop storage journal BMG Nummer

invoicing

search contract **contract** contracted product delivery

type: contract date: 06/10/2006 valid from: 01/01/2006 valid until: 31/12/2006  
 number: 2102 inspection body: ABG interval from: interval until:  
 dealer: Fruit & Veg. Inc farmer: Farmer Joe (1354 See...


list of products:

	product	variety	quality programme	status	depository	contracted quantity	quantity per interval	delivery interval	delivery tolerance
▶	Corn	TK350	Organic	Organic A	Aussenlager 1	13000 Kg	13000 Kg	days	%
▶	Wheat	Achat	Organic	Organic A	Aussenlager 1	20000 Kg	20000 Kg	days	%
▶	Peas	Messire	Organic	Organic IT	Aussenlager 1	15500 Kg	15500 Kg	days	%
*	<Auswahl>		<Auswahl>	<Auswahl>	<Auswahl>	Kg	Kg	days	%

OK cancel accept

**Management of delivery contracts, e.g. type of good, quality, quantity**

# Release of goods

 inspection body: ABG Austria Bio Garantie - contract release by insp. Body

inspection body | contracts with inspection body | delivery overview

search contract with inspection body | contracts with inspection body

contract date:  inspection date:


dealer:  farmer:

inspected by:  remark insp. body:

notification of dealer:  
 notification of farmer

release status:

list of products:

	product	variety	programme	status	contracted quantity	release date	release status	acreage release	quantity release	remark insp. body	status split
	Wheat	Achat	Organic	certified	25000 Kg	<input type="text" value="28/01/2006"/>	released	6,4	<input type="text" value="25600"/> Kg	<input type="text" value="OK"/>	<input type="text" value="status split"/>

OK | cancel | accept

**Inspection body uses standard yields for quantity estimates.  
Release of goods (quality, quantity) by the inspection body.**

# Delivery of goods

Moving goods to storage:

Logging of exact storage location


Documentation of exact quantities & qualities

Documentation of samples and lab results


**dealer - delivery**

acceptance note:  contract:   
 dealer:  farmer:

product:   
 variety:   
 quality programme:   
 status:   
 released quantity:  Kg  
 delivered so far:  Kg  
 open quantity:  Kg  
 depository:

acceptance date:    
 gross quantity:  Kg  
 quantity tara:  Kg  
 quantity reduction:  Kg  
 net storage:  Kg  
 staff member:   
 remark:

**qualities** **samples** **carrier** **sections**

sample no.:    
 sample drawn by:   
 dealer sample:   
 farmer sample:   
 Pool-Probe  
 pool no.:   
 pool container:   
 remark:

**Rolling in to storage cell**


allow mixing  
 print receipt

package:

Storage 1  
 **Cell 1**  
 Storage 2  
 Storage 3  
 Storage 4



# Delivery of goods

 inspection body: ABG Austria Bio Garantie











inspection body | contracts with inspection body | **delivery overview**

delivery overview | **details**

contract date:  inspection date:

dealer:  farmer:

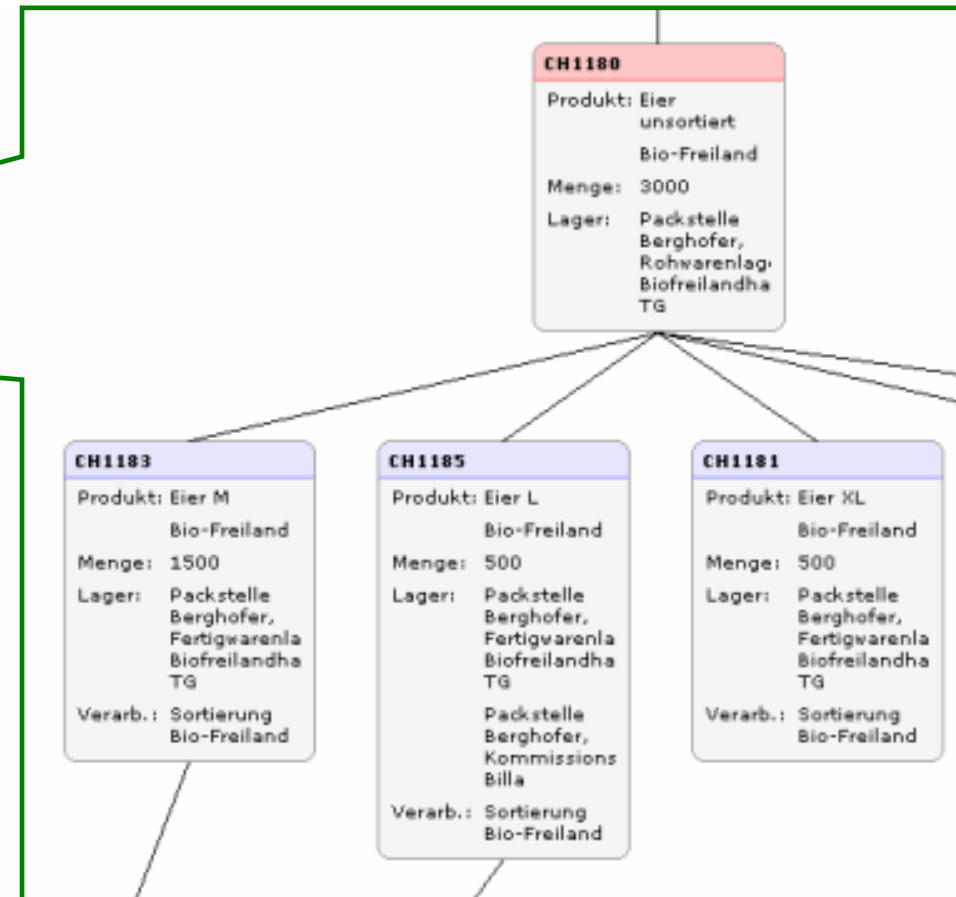
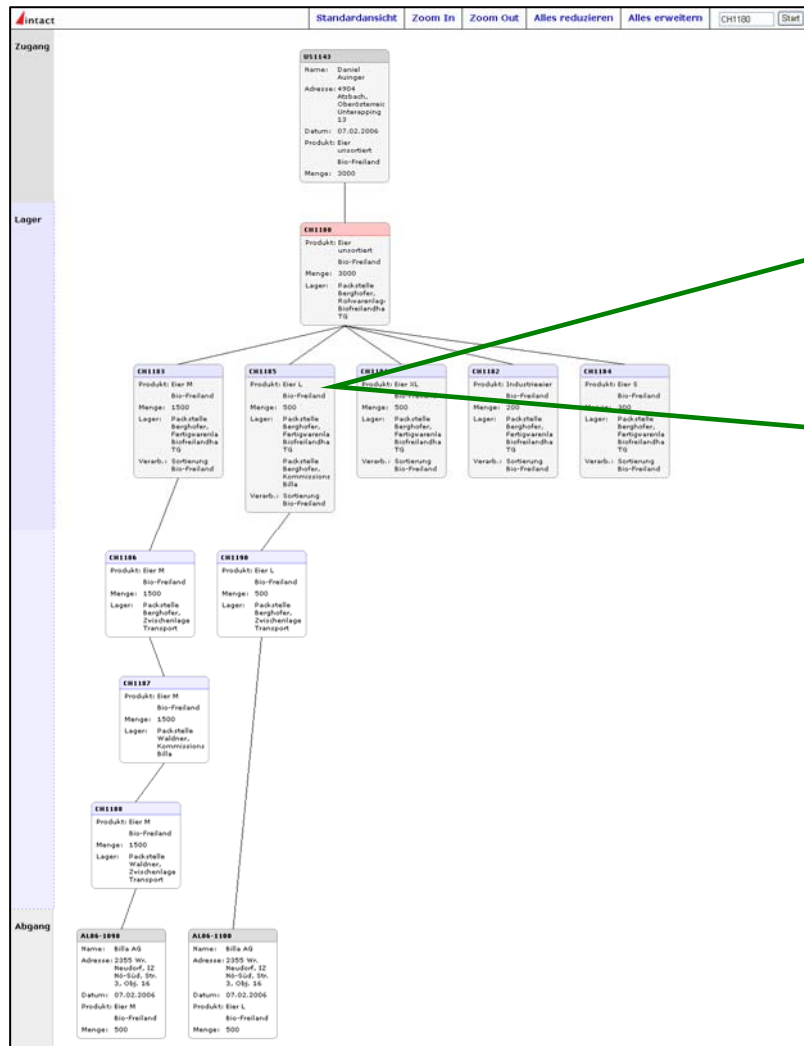
list of products:

status	product	program	status	depository	acreage release	released quantity	delivered quantity	total overdelivery	%	details
	Barley	Organic	Bio U2	Bio Mühle Betriebs GmbH	4,51	17138 Kg	4111 Kg			
	Oat	Organic	Bio U2	Hubermoser Biogetreidestation	2,21	7735 Kg	4492 Kg			
	Rye	Organic	Bio A	Bio Mühle Betriebs GmbH	4	15000 Kg	20900 Kg	5900 Kg	39	
	Triticale	Organic	Bio U2	Bio Mühle Betriebs GmbH	5,76	25920 Kg	14885 Kg			
	Wheat	Organic	Bio U2	Hubermoser Biogetreidestation	6,37	25480 Kg	11256 Kg			

**System compares with contracted quantities.  
Automatic alert if over-delivery occurs.**



# Batch tracing



Exact tracking of each batch

## Advantages of the cooperation

- ✓ Release of products by the CB avoids uncertified goods in supply chain
- ✓ Permanent feedback about actual movements of quantities within the network to the CB facilitates planning
- ✓ Automatic checks of plausibility of delivered quantities with feedback to CB
- ✓ Automatically generated alerts allow quick action of the CB
- ✓ Compliance with traceability requirements (upstream and downstream)
- ✓ Improved position when bargaining with buyers
- ✓ Strengthened market position

# Contact

ARGE  
BIO-REGIONEN  
ÖSTERREICHS

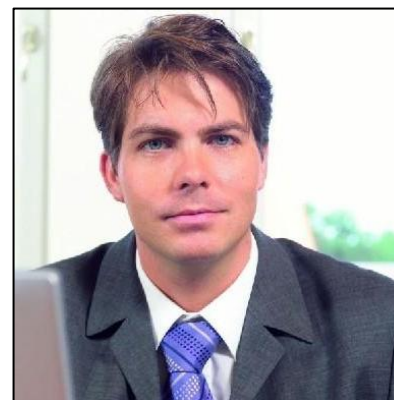


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