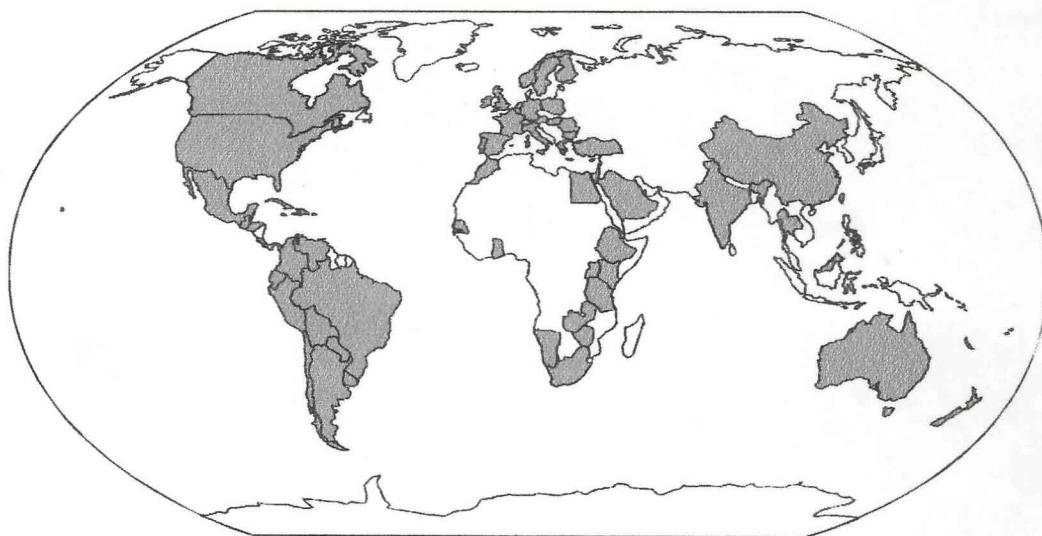


EUREPGAP

The Global Partnership for Safe and Sustainable Agriculture

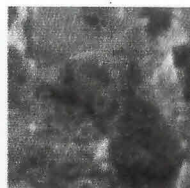
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EUREPGAP - Integrated Farm Assurance Conference PROGRAMME



**"Towards Global Harmonisation...
the Journey Continues"**

**Amsterdam, The Netherlands
9 and 10 November 2004
Hilton Amsterdam**



PROGRAMME

Integrated Farm Assurance Conference

"Towards Global Harmonisation.....the Journey Continues"

Interest in Food Certification on Farms is at an all time high. Ensuring a consultative and technically robust approach, which is credible with all stakeholders, is the journey EurepGAP is taking towards developing globally harmonised and widely accepted farm assurance standards.

EurepGAP began developing standards for farm certification in 1996. In 2000 an open process of standards development began to complement the successful partnership approach developed in Fruit and Vegetables. These standards known as Integrated Farm Assurance recognise the need for a holistic and sustainable approach integrating the activities of the whole farm.

The aim of this conference is to increase the awareness of EurepGAP IFA Standards, how they work and how to become involved.

This is a unique opportunity to rapidly update with the latest information and developments

Participants will have the opportunity to:

- Hear how EurepGAP retailers are working in partnership with their suppliers in farm assurance certification
- Identify options for efficient and cost effective certification of farm products
- Develop the concept of a "one stop shop audit" for crops and livestock
- Discuss and obtain the latest 2005 versions of EurepGAP IFA Standards
- Understand the latest proposals to ensure Integrity of Farm Certification: subjects including accreditation, auditor competencies and Certification Body harmonisation.

09 NOVEMBER 2004



Day 1	The EurepGAP Approach: Supply Chain Partnership
Language	English, translated into Spanish and French
10:00 h - 11:00 h	Registration and Coffee EurepGAP exhibitors and networking
11:00 h - 11:15 h	Welcome and Introduction "Towards Global Harmonisation - the Journey Continues" Nigel Garbutt , Independent Chairman EurepGAP
11:15 h - 12:30 h	Linking up the Supply Chain Moderator Day 1: Marjan Smid , ISA International <i>Producer Perspective on Farm Assurance</i> Gerard Doornbos , President, LTO, The Netherlands <i>Linking the Farmer with the Retailer</i> Dr. Uwe Tillmann , CEO, Bestmeat, The Netherlands <i>Assuring the Whole Chain</i> Hans-Jürgen Matern , Head QA, Metro, Germany
12:30 h - 14:00 h	Luncheon EurepGAP exhibitors and networking
14:00 h - 14:45 h	Introducing the New Integrated Farm Assurance Standard IFA Version 2005 (Cattle, Sheep, Dairy, Poultry, Pig and Combinable Crops) Hugo Hays , Technical Director EurepGAP and Members of EurepGAP Technical Standards Committee IFA - Global Harmonization - Common Interpretation
14:45 h - 15:30 h	Integrity of Farm Assurance <i>Selected Items from the EurepGAP Integrity Programme</i> Chris Anstey , Tesco, UK and Dr. Kristian Moeller , EurepGAP - Accreditation - Auditor Competencies - Duration of Audits - Information Technologies
15:30 h - 16:00 h	Coffee Break EurepGAP exhibitors and networking
16:00 h - 18:00 h	Retailer - Supplier Partner Case Studies <i>"The Story of EurepGAP Certified Salmon"</i> Fons Schmid , ROYAL AHOLD, Vice President Corporate Affairs, The Netherlands and Per Johan Røtereng , Fjord Seafood, Vice President Quality Assurance, Norway

PROGRAMME

Moving the poultry supplier base towards EurepGAP
Johann Zueblin, Migros, Head of Quality Assurance, Switzerland

Using a Central Database for Scheme Integrity with Egg producers in KAT
Dr. Horst Lang, GLOBUS, Head of QA, Germany

Experience of first EurepGAP Certificates for Beef in Latin America
Jon Roe, Sainsburys, Supplier Performance Manager, and ABP Representative, UK

How does EurepGAP fit into the McDonalds Quality Standard?
Dr. Reinhard Käppel, McDonalds Europe, Germany

19:00 h

Conference Dinner
 Separate registration required

10 NOVEMBER 2004



Day 2

The EurepGAP Approach: Sharing Best Practice for Implementation

09:30 h - 10:30 h

PARALLEL SESSION A

Whole Farm, Combinable Crops, Potatoes, Cattle and Sheep

Moderator:
Dr. Kristian Moeller
Rapporteur: José David,
 ORGAINVENT Latinoamerica, Argentina

- "One stop shop" audit approach:
 General Regulations
- Interface between product modules
- Reducing the number of audits
- Harmonising Technical Criteria across the globe

Potatoes in the Combinable Crops Module of IFA
Dewi Hartkamp and Jochem Roverstba, VAVI Member, The Netherlands

Results of a Dairy Pilot Audit in Bavaria
Marion Kratzmair, Bayerische Landesanstalt für Landwirtschaft, Germany

How does the Combinable Crops Module help to reduce Mycotoxins in grains?
Dr. Alfons Sagemüller, Bayer CropScience, Germany (inquired)

Interfaces between Feed Standards and EurepGAP
Johan den Hartog, GMP+, The Netherlands

Experience of the first four IFA Combinable Crops Certificates
Dr. Friedrich Lüdeke, Marketinggesellschaft für niedersächsische Agrarprodukte, Germany

Quality Assurance of wheat farmers: linking the North Dakota Perspective to EurepGAP
Kate Pfennig, KAP Custom Ag Services, North Dakota, U.S.A.

PARALLEL SESSION B

Achievements and challenges towards global harmonization of farm assurance schemes: sharing first experience for implementation

Moderator:
Marc Jansen, CBL, The Netherlands
Rapporteur: Hans-Jürgen Matern, Metro, Germany

- Achievements and challenges towards harmonization of farm assurance: sharing first experience for implementation

Henrik Bækström, danske slagterier, Denmark

Dr. Hans Schouwenburg, PVE, The Netherlands

Dr. Marleen Daenen, VLAM, Belgium

Dr. Hermann-Joseph Nienhoff, QS GmbH, Germany

David Clarke, Assured Food Standards, UK

John Keane, Irish Food Board, Rep. of Ireland

Gosse Smid, Elanco, The Netherlands

PARALLEL SESSION C

Integrated Aquaculture Assurance: Salmon and other species

Moderator:
Erwin Roetert-Steenbruggen, qa-sense, The Netherlands
Rapporteur: Frank van Ooijen, Nutreco /Marine Harvest, The Netherlands

Introduction to New Reference Standard and Salmonide Module
Erwin Roetert-Steenbruggen, qa-sense, The Netherlands

Pilot Audit Results on Farm and Chain of Custody (Traceability)
Aldin Hilbrands, SGS The Netherlands

How to develop other Species Modules?
Valeska Weymann, EurepGAP, Germany

TSC Integrated Aquaculture Assurance (IAA) Member Discussion on Motivation, Way Forward and other Issues

John Oosterhuis, Albert Heijn, The Netherlands

Anje Mattheeuws, Fjord Seafood Pieters, The Netherlands

Per Johan Røtereng, Fjord Seafood Norway

Tba, Pan Fish, Norway (inquired)

Brian Simpson, Scottish Quality Salmon, UK

PROGRAMME

10:30 h - 11:00 h

Coffee Break
EurepGAP exhibitors and networking

11:00 h - 12:00 h

Parallel Sessions 1, 2 and 3 continue ...

12:00 h - 13:30 h

Luncheon
EurepGAP exhibitors and networking

13:30 h - 15:45 h

Plenary: Summary of Parallel Sessions and Discussion

Report of Rapporteurs of Parallel Sessions

IFA Panel Discussion
Questions and Answers

EurepGAP IFA Steering Committee Members and others

Dr. Reinhard	Kaepfel	McDonalds Europe, Germany
Alfons	Schmid	Royal Ahold, The Netherlands
Bert	Urlings	Dumeco, The Netherlands
Roberto	Vázquez P.	Instituto Nacional de Carnes, Uruguay
Per	Sorensen	Danske Slagterier, Denmark
Gerard J.	Doornbos	LTO, The Netherlands
Steven	Ridge	Somerfield, UK
Peter	Wahlsten	Grain Council Western Australia, Australia (inquired)
Jürgen	Matern	Metro AG, Germany
David	Clarke	Assured Food Standards, UK
Johann	Zueblin	Migros, Switzerland
René	Maillard	VLAM, Belgium
Guido	Siebenmorgen	REWE, Germany

15:45 h - 16:00 h

Closing Remarks

CONFERENCE FEES

MEMBER: € 800.00

NON MEMBER: € 950.00

GROUP DISCOUNT: A group discount (minimum of 4 registrations from the same company) will be € 50.00 per person

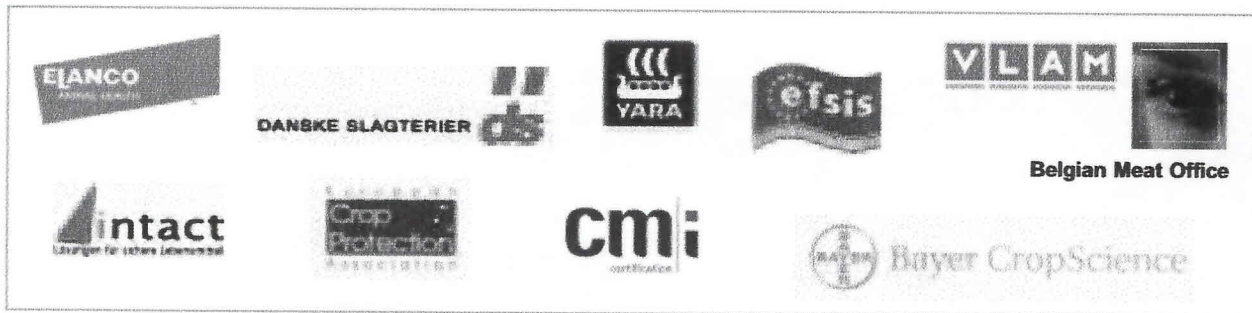
CONFERENCE DINNER: € 50.00

EUREPGAP Membership You are able to sign up for membership in the registration process. EurepGAP membership is based on calendar year. By signing up now, new members will pay 25% of the annual fee, but already benefit from the EurepGAP Membership conference discount. The discount will be deducted from the first membership fee.

Register online:
Conference & Hotel

www.avantel.de/eurepgap2004/

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The Global Partnership for Safe and Sustainable Agriculture

WELCOME
Towards Global Harmonization....the Journey Continues

Nigel Garbutt
Chairman/President EUREPGAP
www.eurep.org

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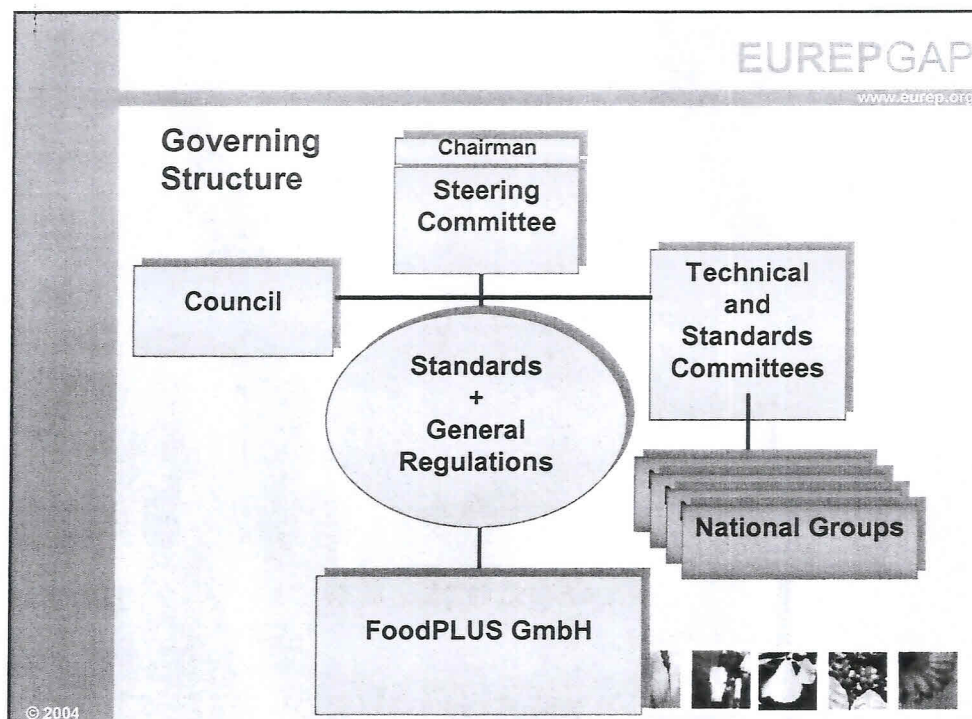
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EUREPGAP Guiding Principles

- Supply Chain Decision Making
- Stakeholder Consultation / Communication
- Open Access for all producers
- Integrity of Certification process
- Equivalence determined on a Transparent basis

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Fruit and Vegetables: What has been achieved?

- 27 Retail and Food Service Members
- 20.000 certified farms in 55 countries
- 70 approved certification bodies in over 40 countries
- 5 national and international schemes benchmarked
- Applications for benchmarking received or announced to come from Austria, Switzerland, Belgium, France, New Zealand among others


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EUREPGAP Integrated Farm Assurance

BACKGROUND

- Diversity of Schemes: How do they compare with each other?
- Why are so many producers not part of a certification scheme?
- Where could multiplicity of buyer requirements be harmonized?
- Market Driver: Growing Internationalization of trade
- For multi-product producers: eliminate duplication of certification of common elements




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Milestones for Integrated Farm Assurance

- Harmonise criteria of schemes
- Encourage transparent benchmarking
- Reduce multiplicity of audits
- Used as a common reference standard for buyers
- Boost world-wide producer participation in farm assurance




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Evolution EurepGAP 1996+

- 1996 Initiated by Retailers- Risk Reduction
- 2000 Formalising the Partnership
- Strong Drivers: Globalisation,Consolidation,More Competition,Reduced costs needed
- 2005+ Government Recognition



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Producer perspective on Fam Assurance

Introduction G. Doornbos, chairman LTO Nederland
EurepGAP Conference for Integrated Farm Assurance
in Amsterdam on 9 November 2004

Ladies and gentlemen,

Introduction

Before I continue with the theme of my introduction 'Producer perspective on farm assurance', I would like to express my appreciation for the creation of the Integrated Farm Assurance scheme. As a representative of LTO Nederland in the Steering Committee, I know the enormous pressure of time under which a huge amount of work was carried out. I have also heard from the members of the Technical Standards Committee how productive the EurepGAP secretariat has been; they managed to keep pace with the rapid succession of different versions of the IFA, incorporating yet more suggestions from the practical side of agriculture. It was a huge task and the results are worthy of praise.

Why did LTO Nederland join EurepGAP? To be honest, there was quite a lot of scepticism among the board of LTO Nederland at the beginning. Initial experiences in the fruit and vegetable sector were not always positive. EurepGAP presented itself as a global standard but in practice Dutch growers had to comply with more stringent requirements than their colleagues in other countries. The reason was that with regard to the use of pesticides, the EurepGAP standard was equated with the legislation in force in the country of production. Dutch products were therefore required to comply with the strict legislation in force in the Netherlands, while products grown abroad complied with less stringent rules. The irony of this situation was that, as these products met the less stringent EurepGAP standard, they still found their way to the shelves in the Netherlands. Nevertheless, we decided to join.

LTO Nederland promotes the interests of its 50,000 members in the agricultural and horticultural industry in the Netherlands. At LTO Nederland we are primarily concerned with promoting the production of guaranteed safe products with due consideration for animal welfare, working conditions, the environment and landscape. Certification is thus an obvious instrument for this purpose.

Furthermore our members have a great interest in the export of their products and thus in guaranteed markets and in the growth opportunities of these markets. This is illustrated by the fact that in 2002 the agricultural trade balance rose to almost 20 billion Euros, which amounts to two thirds of the surplus. And the importance of the total food chain is illustrated by the fact that the share of the agrofood system (production, processing, supply, distribution) in the Dutch economy in terms of added value and employment totalled around 10%.

The following figures show how familiar the idea of certification of production is to my members, and many other European countries:

- In 2003, 3382 horticultural companies were certified in accordance with EurepGAP. This was a 70% increase compared with 2002.
- In 2003, 50% of the beet growers of Suikerunie had Food Safety certification (VVC) and 98% of the growers of CSM
- In 2003, 95% of the potato growers had Food Safety Certification.
- In 2004, 90% of the pig farms participated in the renewed Integral Chain Management System (IKB)
- In 2004 almost 100% of the dairy farms had Chain Quality Milk certification (KKM).

When the retail trade worldwide decides to set up an integrated farm assurance scheme, we want to be there. Our initial attitude might have been: 'If you can't beat them, join them', but now it is much more based on the idea behind the very first agricultural cooperative in the Netherlands: 'Enlightened self-interest'.

The agricultural entrepreneur

In the Netherlands, certification schemes have been part of livestock and arable farming for years. Together with the sales organisations in the meat, agricultural and dairy industries and supported by the product boards, the sectoral departments of LTO Nederland have shown great commitment to this concept. These systems are a familiar part of life to Dutch entrepreneurs. However this does not mean that everything is accepted without discussion.

It takes time and money to satisfy the criteria, and compliance with Integral Chain Management or Chain Quality Milk does not immediately spawn all kinds of extras. And the criteria are always subject to criticism as their basis is unclear.

The same applies to EurepGAP; whether or not through benchmarking of existing schemes. As a representative of the food producers, the farmers, I will continue to present this criticism to the subsequent links in the chain. The real benchmark for me here is market demand. Farmers and horticulturists want to serve markets at home and abroad, through the sales organisations. Guaranteed sales or sales growth are the best reward for certified production.

In my opinion, the opportunities offered by EurepGAP outweigh the objections I have just mentioned. Throughout the food chain, farmers and food processors face increasing numbers of certification schemes. Pig farmers supplying the German market have to comply with IKB and Qualität und Sicherheit (QS system). Dutch dairy farmers supply their milk to cooperatives which also have branches in Germany and Belgium. They then hear that their German colleagues have an IM system while their Belgian colleagues have an IKM system. As you can imagine, this certificate jungle is a constant source of confusion, creating additional demands on sales logistics and requiring more energy to ensure constant compatibility of the systems. In short, the introduction of one system that takes a step towards levelling the playing field cannot come too soon. Not a system which replaces the present systems, but a system which sets the standard and which recognises existing systems through benchmarking.

The objectives that EurepGAP has set itself are ones which I too heartily endorse:

- Reducing duplication of audits at farm level.
- To see the IFA become the preferred global reference standard for farm assurance schemes at pre-farm gate (agricultural production).
- To see the IFA become a common buyer standard for all sources of supply irrespective of the country of origin.

What else shows the interest of the primary producer for one system? The General Food Law will apply throughout Europe within 2 months. You might think that EurepGAP is redundant now that the GFL describes the criteria to be met by food production. The basic principle of the GFL is risk analysis. This is obviously something which applies in EurepGAP too. And in EurepGAP we must ask ourselves whether parts of the IFA could not be recognised as the 'code of good practice' mentioned in the GFL. This would mean added incentive to create a level playing field.

This brings me to the question: 'Is there more than food safety?' Does the market also make demands of working conditions, animal welfare and the environment? The answer in my view is a resounding yes. The fact that these criteria are included in the IFA scheme is therefore entirely logical. Of course the livestock and arable farmers among my members have an interest in consistent auditing on these points. If the retail trade then buys its products worldwide, the products must also comply with the same conditions everywhere. What the WTO fails to achieve can be organised through EurepGAP. However, I do realise that we in North-Western Europe must not assume that we are in the lead. In countries with much less experience in certification schemes, it is sometimes much easier to comply with the IFA standard.

Finally, with regard to the interests of the agricultural entrepreneur, I would refer you to the debate which started during the current Dutch presidency. The main issue concerns the division of responsibility between government and industry. The discussion paper presented by the Dutch Minister of Agriculture, Nature and Food Quality was entitled: "Agriculture in the public eye: who is responsible for what?"

In recent years, the trade in food products has acquired a more global character. Companies in the food chains have undergone huge scale increases and internationalisation. These companies and chains often have their own regulations guaranteeing food safety, animal welfare and the environment. And yet governments tend to impose a great many explicit regulations on these companies. But is the government actually responsible for these? Wouldn't it be possible to leave this responsibility to the food production chain itself? The chain is naturally in direct contact with the retail trade and/or consumer and has the most vested interests in sustainable production. The government can restrict its burden of inspection to companies and chains which do not comply with the regulations. In well-organised companies and chains, which in my opinion comply with the EurepGAP-IFA standards, it would be possible to carry out the auditing, certification and connection of the various links much more cheaply. The government could then limit itself to 'monitoring control'. If we could achieve that, farmers could earn real money with EurepGAP!

The retail trade

Ladies and gentlemen. We are talking today about the relationship between the agricultural entrepreneur and the retailer. But what retailer, wonders the farmer. Farmers say: 'The retail trade has too many irons in the fire!' and 'The retail trade is unreliable'.

How should we regard the Global Food Safety Initiative, for example, whose members include Sainsbury's and Laurus? GFSI has a similar objective to EurepGAP, but its primary focus is food safety. Moreover GFSI does not set out an extensive set of criteria, but wishes to implement a scheme to benchmark food safety standards worldwide. And why does participation in EurepGAP seem to involve mainly North-Western Europe and South America? Is it because the retail trade in Southern and Eastern Europe is not developed enough or is it because they fail to see any added value in EurepGAP?

Or, to keep it closer to home, why do major retailers in Germany choose the QS system? Is it because it is a system which connects all the various links in the chain (such as the Dutch IKB system) while Eurep limits itself to the 'pre-farm gate'? Or is it because QS existed before EurepGAP IFA?

All these examples show that agricultural entrepreneurs want a clear signal from the retail trade. It cannot be that there are various systems which claim to strive towards global harmonisation. Nor can it be that one and same retailer supports different

systems. Within the frameworks of the competition law, you should certainly be able to reach a less ambiguous signal!

The second aspect regarding the criticism of the retail trade concerns the responsibility which it takes itself. Whatever happens, agricultural entrepreneurs in the Netherlands will be 100% certified in 2005! Sustainable production will thus be guaranteed. But what farmers hate most is that the subsequent chains of trade and retail impose all kinds of demands, but fail to organise their own businesses. Can the retail trade provide convincing proof that the products produced with such care by arable and livestock farming are also carefully transported and stored throughout the retail process? Are your logistic centres clean? Do the shelf fillers know how to handle the products? In short, ensure that you have certification and show it. And remember, as long as no supermarket is closed due to failure to comply with its own certification programme, farmers will continue to ask this question.

Finally, the reliability of the retail trade. The fact that the Dutch supermarket chain Albert Heijn recently decided to exclude the IKB pork logo from its assortment caused a furore in the Netherlands. Pig farmers are angry because they feel that after initially making demands on their product, the retail trade retracted and returned to buying abroad, purely for price reasons. In other words, coming back to EurepGAP, farmers rely on a consistent retail trade which is also committed to the development of EurepGAP and then complies with it.

How do we make the IFA a success?

Today sees the presentation and final round of consultation of the EurepGAP IFA standards 2005. This is an important milestone but not a final destination. There are still plenty of challenges for the coming years. If the IFA is to be as successful as Eurep fruit and vegetables, then my advice is:

- Communicate signals from the market or consumer requirements clearly to the producers. Convince the farmers of the value of EurepGAP.
- Study the requirements of the General Food Law, also with regard to products which are imported from outside the EU. Base the IFA criteria for food safety on a risk analysis.
- Devote attention to the connection between the various links in livestock production. This is more difficult than in fruit and vegetables or arable farming. The guarantee of high quality animal feed requires a lot of attention; I understand that the Dutch Good Manufacturing Practice + can serve as an example. The same applies to the link between farm and food processor.
- I would ask the representatives of the retail trade to harmonise their certification requirements worldwide and then consistently comply with EurepGAP.
- Sort out your own certification and comply with it. The retail trade is also socially responsible for sustainable food.
- And I would advise you to support the idea that a chain which takes responsibility is subject to less and cheaper government control.

Finally

Ladies and gentlemen, the launch of the IFA standards creates an important bridge between the farmer and the retail trade. From this side of the bridge, I can say that the farmers are ready. I look forward to hearing the thoughts of Bestmeat and the bridgmaster on the other side of the Metro. I wish you all an interesting symposium. Thank you for your attention.

BESTMEAT
COMPANY B.V.



Linking the farmer with the retailer

Dr. Uwe Tillmann CEO

EurepGap Amsterdam, 9 November 2004

Seite 1

BESTMEAT
COMPANY B.V.



Summary

- ☐ Structure of animal production
- ☐ Development of markets
- ☐ Opportunities for animal production

Seite 2

BESTMEAT
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Major trends in animal production

- ☐ Global sourcing of raw materials for animal feed production
- ☐ Feed producers concentrate in large companies
- ☐ Concentration of the production of breeding stock
- ☐ Farms increase production volume and specialize
- ☐ At farm level specialisation in quality schemes dedicated to the consumer market, such as welfare

Seite 3

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Major trends in animal food processing and supply

- ☐ Food processors merge and increase volume
- ☐ Product innovation in order to satisfy consumer needs
- ☐ Retail merge and increase sales volume
- ☐ Food processors and retailers: globalisation of sourcing


Seite 4

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Consolidation of effective structures




- ☐ Scale of production: effective production and sufficient volume for large customers
- ☐ Global access: optimisation of value creation
- ☐ Span of control: managing core-business



Quality control systems need to adapt to these pre-requisites in each part of the supply chain

Seite 5

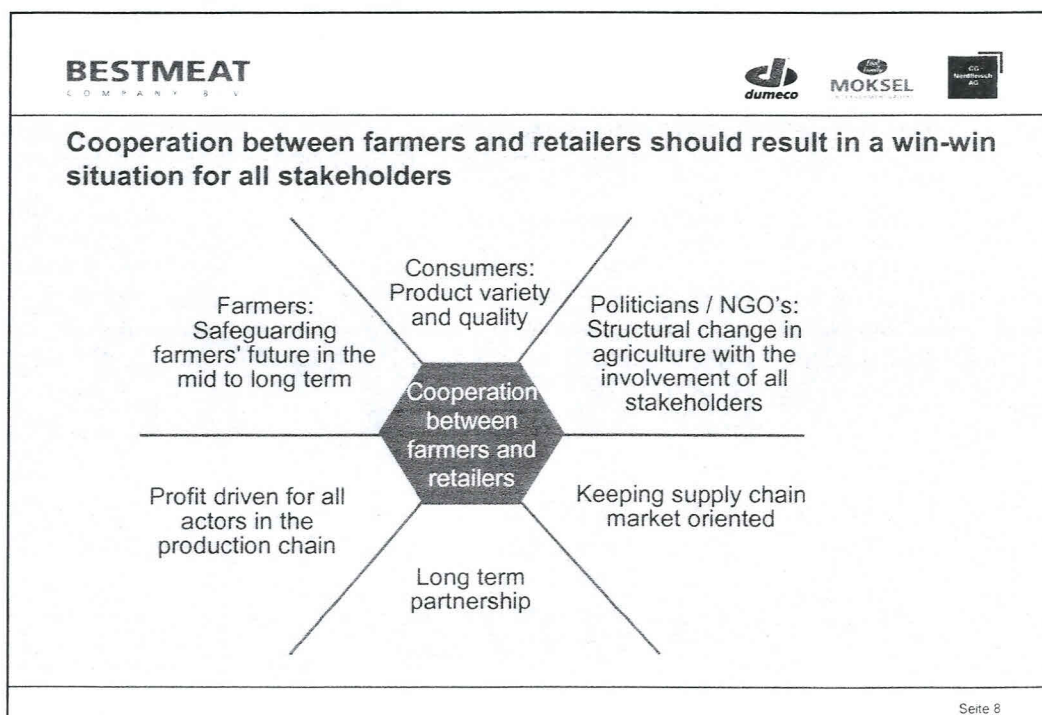
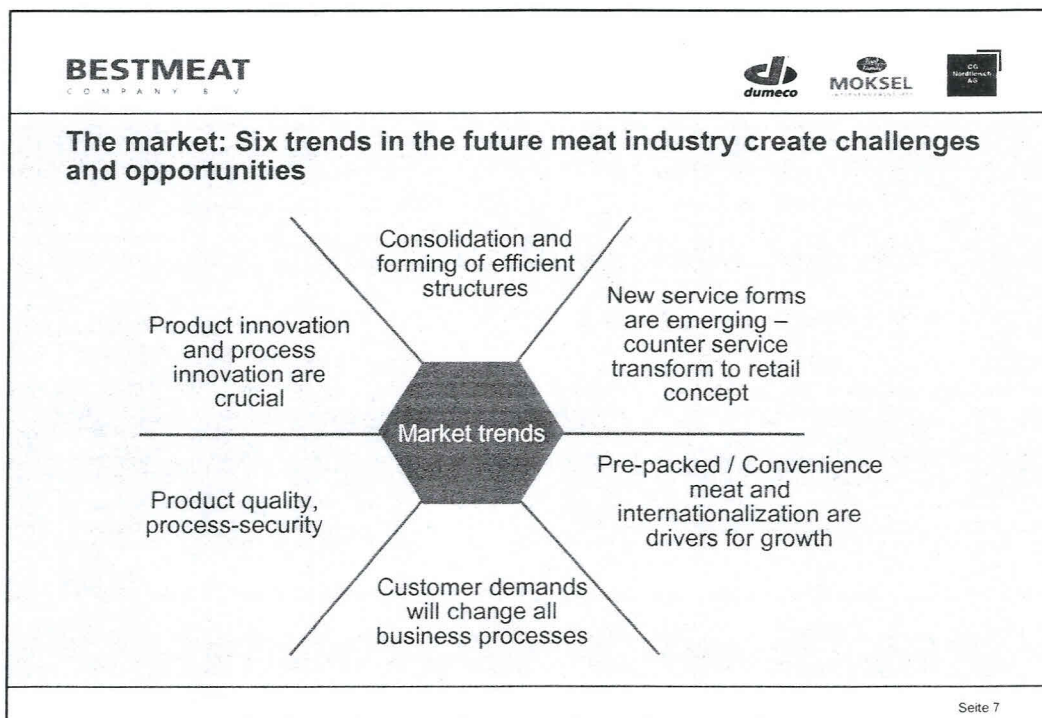
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Animal production chain: structure

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<div style="background-color: #808080; color: white; border-radius: 15px; padding: 5px 20px; display: inline-block;">Farming</div>		<input type="checkbox"/> AFS / Q&S / IKB / KKM >> EurepGap
<div style="background-color: #d3d3d3; border-radius: 15px; padding: 5px 10px; display: inline-block;">Eggs</div>	<div style="background-color: #d3d3d3; border-radius: 15px; padding: 5px 10px; display: inline-block;">Dairy</div>	<div style="background-color: #d3d3d3; border-radius: 15px; padding: 5px 10px; display: inline-block;">Meat</div> <input type="checkbox"/> ISO + HACCP (BRC / IFS / EFSIS, etc.)
<div style="background-color: #808080; color: white; border-radius: 15px; padding: 5px 20px; display: inline-block;">Food production</div>		<input type="checkbox"/> ISO + HACCP (BRC / IFS / EFSIS, etc.)
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<div style="background-color: #808080; color: white; border-radius: 15px; padding: 5px 20px; display: inline-block;">Consumers</div>		

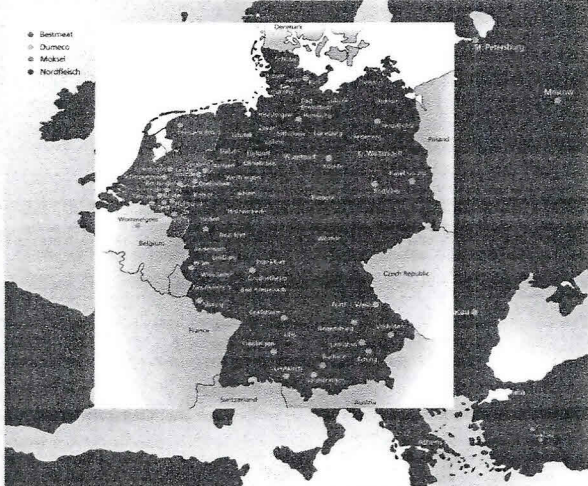
Seite 6



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With an extraordinary market position we fulfill the market demands



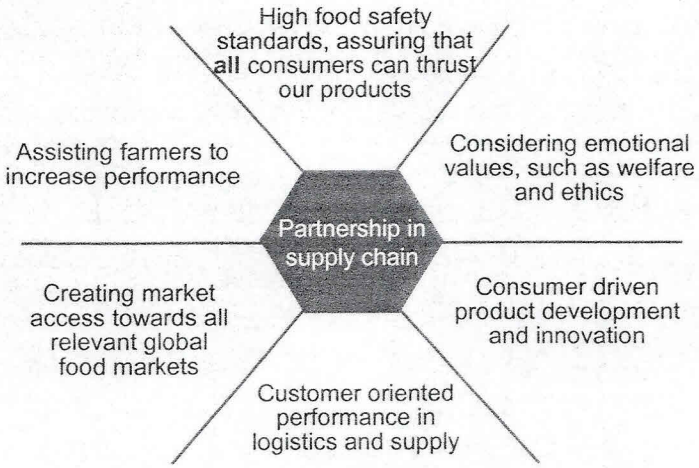
- ☐ Product innovation
- ☐ Leading in quality & service
- ☐ Area-wide presence:
 - Global
 - Regional
 - National
- ☐ Full product range in all distribution networks

Seite 9

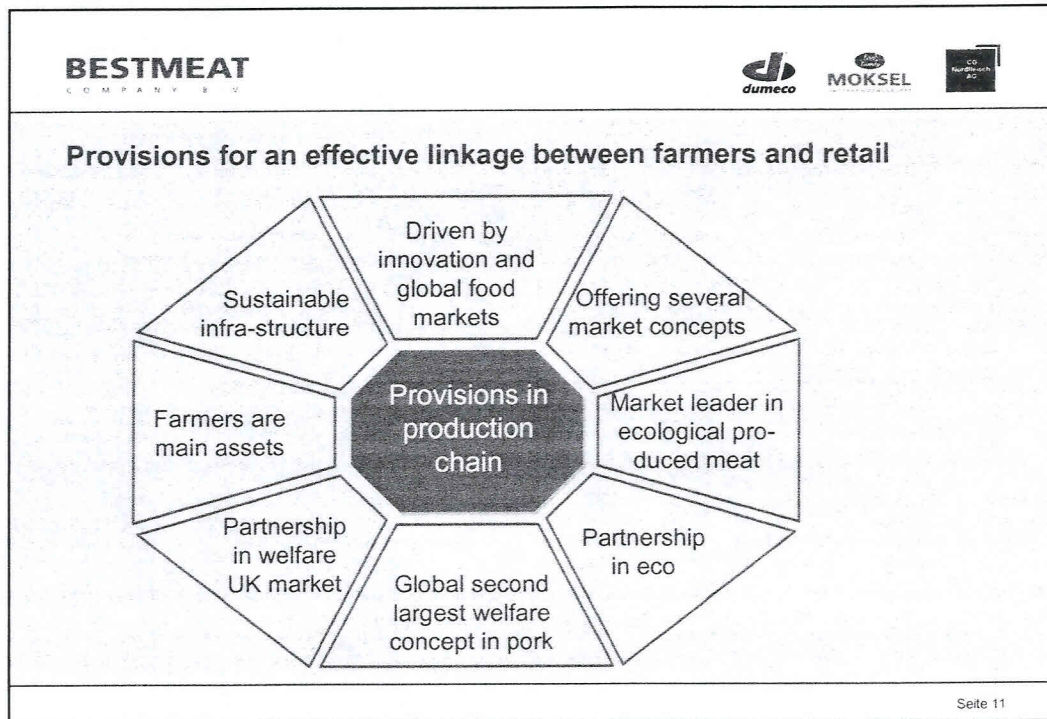
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In order to satisfy consumers needs, farmers and retailers need linkage with food processors



Seite 10



- BESTMEAT**
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- dumeco** **MOKSEL** **CO. HANNOVER**
- ### Opportunities for the full supply chain
- ☐ Superior quality standards and harmonisation of quality standards
 - EurepGap at farm level
 - GFSI standards at food processing, provided that there is mutual recognition
 - ☐ Cost reduction should be realised for the full supply chain e.g. by harmonising the standards
 - ☐ Successful in product and process innovation
 - ☐ Long term partnership, also with the retailer and food service in order to consolidate quality programmes
 - ☐ Avoid consumer reluctance as a result of distributing not well controlled products, sustainability of the market of animal produce is also the responsibility and the vested interest of the retailer / food service.
 - ☐ A wholesome consumer, emotional and physically, is our common future
- Seite 12

METRO Group
The Spirit of Commerce



„Assuring the Whole Chain“

Hans Jürgen Matern
 Head of QA
 METRO Group

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The Spirit of Commerce

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 Metro Cash & Carry: 479, Real: 294, Extra: 452, Media Markt and Saturn: 458, Praktiker: 339, Kaufhof: 148

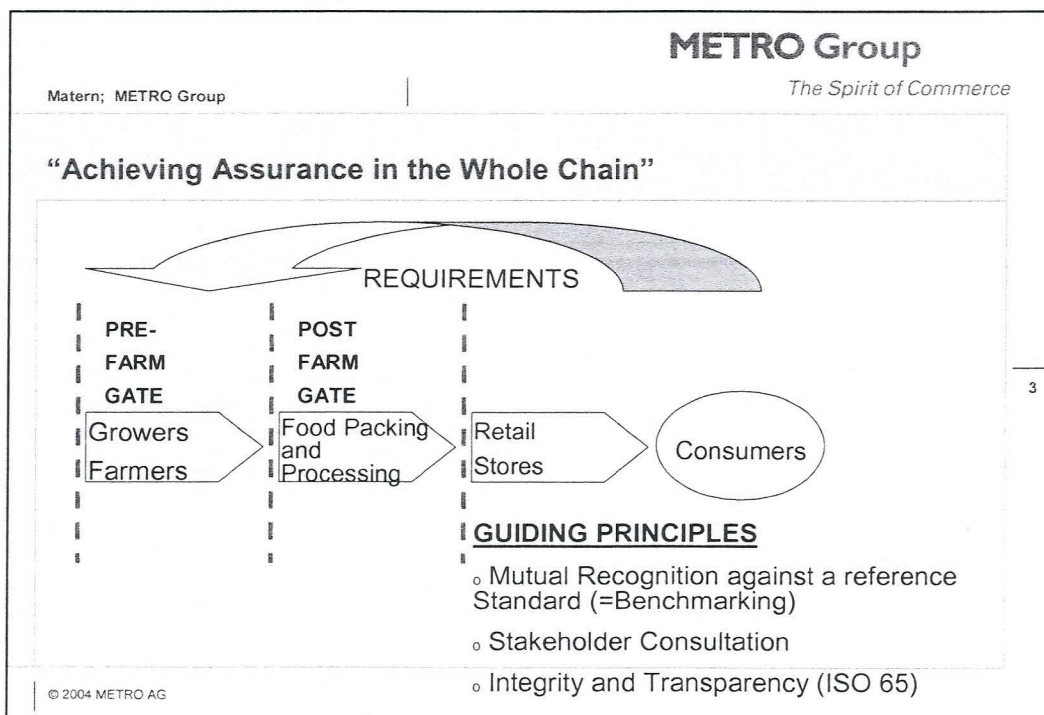
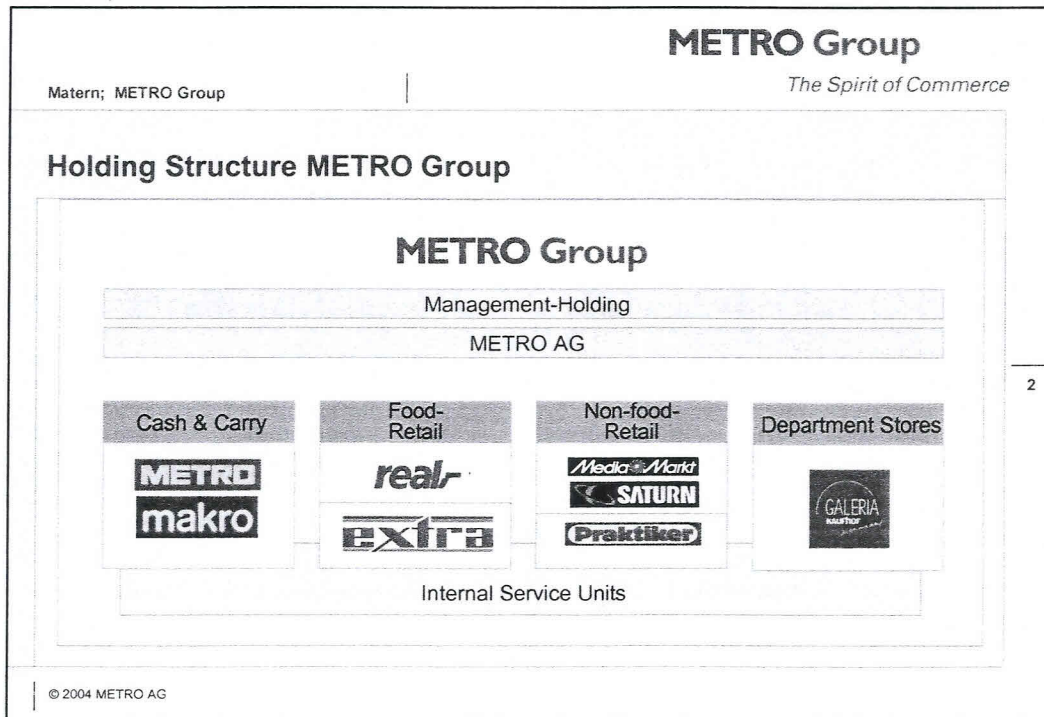
**incl. 216 Dinea-Restaurants*

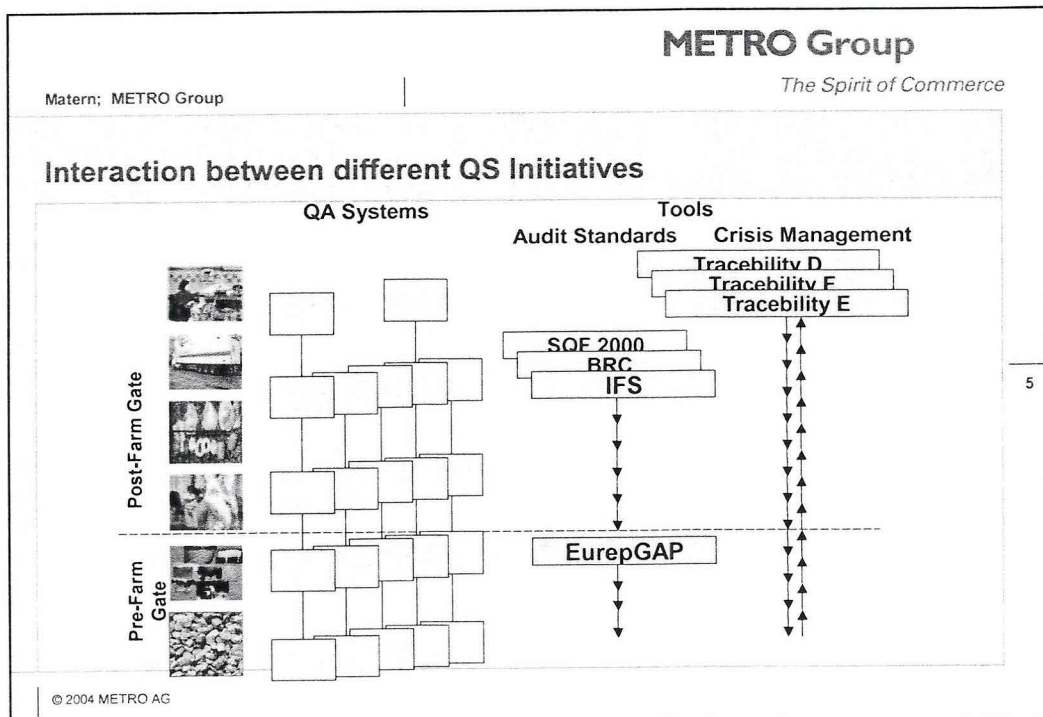
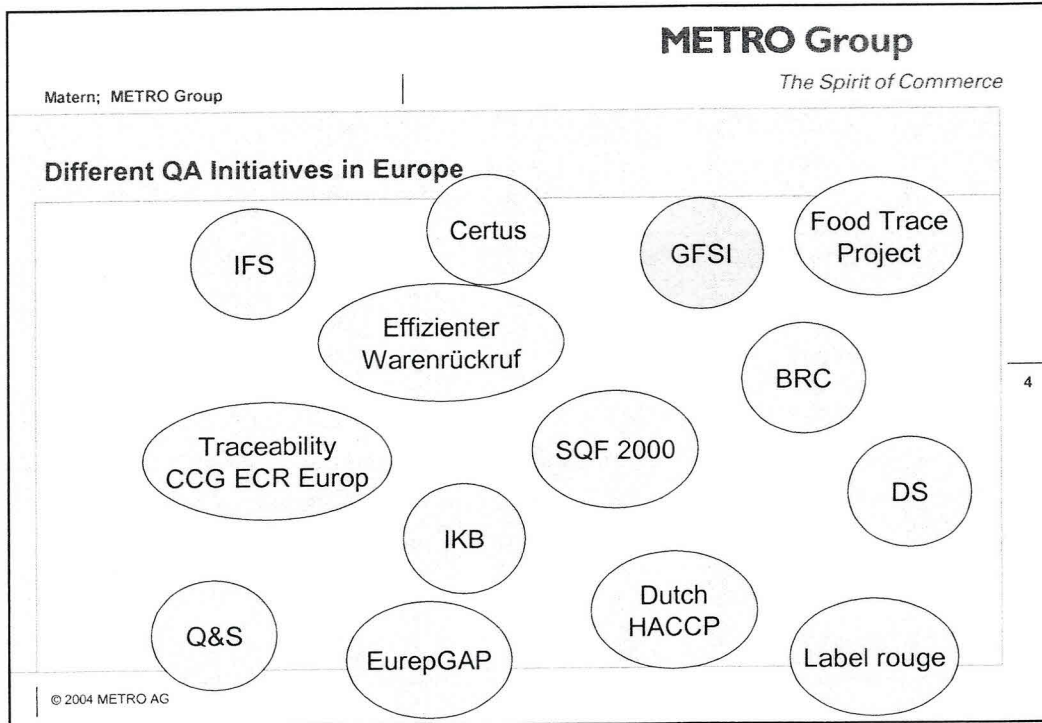
Belgium C & C 8 Kaufhof 15 Media/Sat 4	Italy C & C 41 Media/Sat 53	Rumania C & C 19 Praktiker 6
Bulgaria C & C 7	Japan C & C 2	Russland C & C 7
China C & C 20	Croatia C & C 3	Switzerland Media/Sat 14
Denmark C & C 4	Luxemburg Praktiker 3	Slovak Rep. C & C 5
Germany C & C 114 Real 260 Extra 452 Media/Sat 280 Praktiker 281 Kaufhof 133	Marocco C & C 6	Spain C & C 30 Media/Sat 18
France C & C 80 Media/Sat 18	The Netherlands C & C 15 Media/Sat 14	Czech Rep. C & C 10
Greece C & C 6 Praktiker 7	Austria C & C 12 Media/Sat 23 Praktiker 4	Turkey C & C 9 Real 7 Praktiker 8
UK C & C 33	Poland C & C 20 Real 27 Media/Sat 22 Praktiker 16	Ukraine C & C 1
India C & C 2	Portugal C & C 10 Media/Sat 1	Hungary C & C 12 Media/Sat 11 Praktiker 14
		Vietnam C & C 3

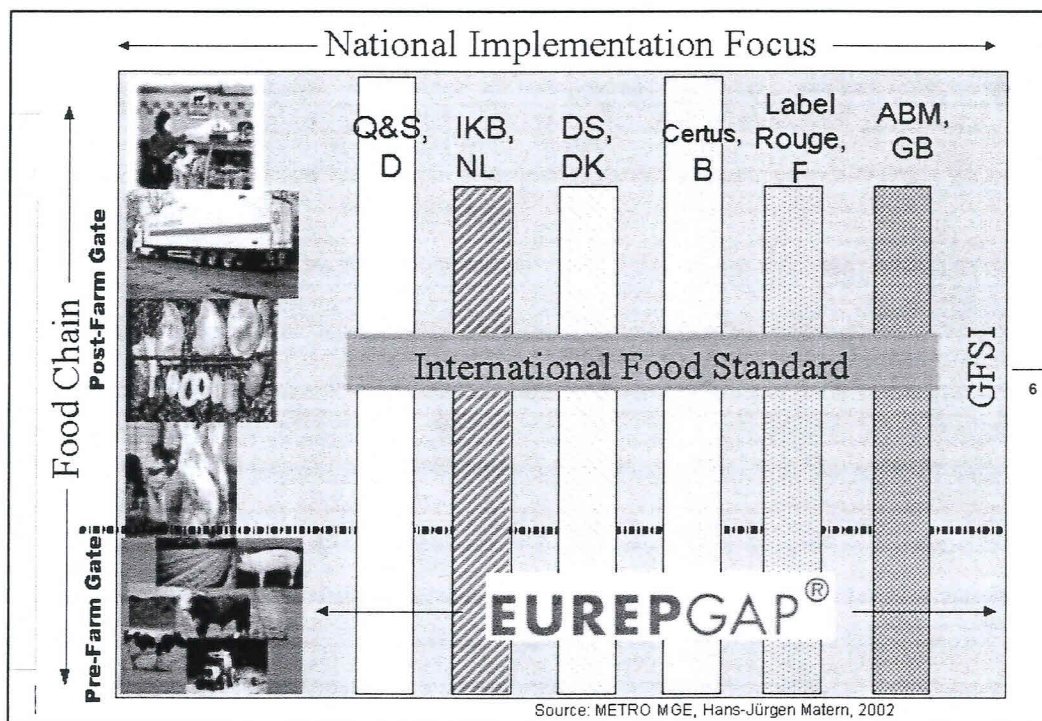


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State: 30. June 2004







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Bringing together different Initiatives

- Mutual support
- To avoid duplication, reduce costs and time.
- To use external know
- Concentration on core responsibilities

Step 1. Use of international accepted Tools to facilitate harmonisation

Step 2. Minimum level of equivalence between schemes (Benchmarking)

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Building on Individual Strengths (1)

- Audit Standards
 - International Platform
 - Pre-Farm gate and Post Farm-gate Harmonisation
 - Stakeholder Consultation
 - Food Chain Partnership
 - Interpretation Guidelines
 - Benchmarking Facilitation (Reference Standard)
 - Tool for mutual recognition of national schemes

8

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Building on Individual Strengths (2)

- National QA Systems
 - National/Local Interpretation
 - Local Implementation
 - National Marketing (consumer logos)

9

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Building on Individual Strengths (3)

- Crisis Management / Traceability
 - EAN-UCC Standards
 - Recall Procedures
 - All-sector Interfaces
 - Database Interfaces
 - Batch/Lot Management
 - Independent Information Broker

10

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Policy of Metro is ...

- To have robust pre-farm gate and post-farm gate standards that integrate fully to provide assurance to the consumer of the whole chain
- To have National schemes translate that for local interpretation, implementation and marketing

11

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Summary

- EurepGAP is the platform for us for global harmonisation of pre farm gate standards
- IFS (and BRC) is our standard(s) for post farm gate
- National schemes like Q&S are the back-bone of a vertically integrated QA System throughout the supply chain. They must use the knowledge of the market including the international standards like EurepGAP and IFS
- Metro prefers an internationally harmonised QA System, and we are engaged in these activities, but if there is no possibility to achieve an internationally harmonised approach in a short term, we are committed to implement our own Metro system.
- We take care of our responsibilities on store level and participate in third party certification systems in our distribution centres and retail outlets.

12

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Introducing IFA Standard Version 2005:

The Process

Integrated Farm Assurance Conference
9th November 2004
Hugo Hays
Technical Director EUREPGAP

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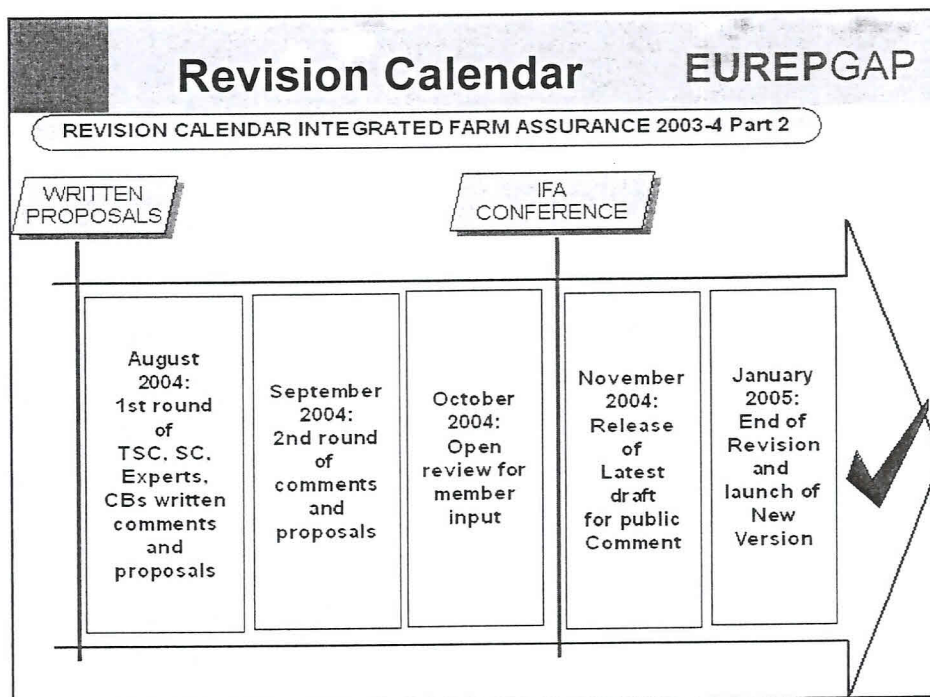
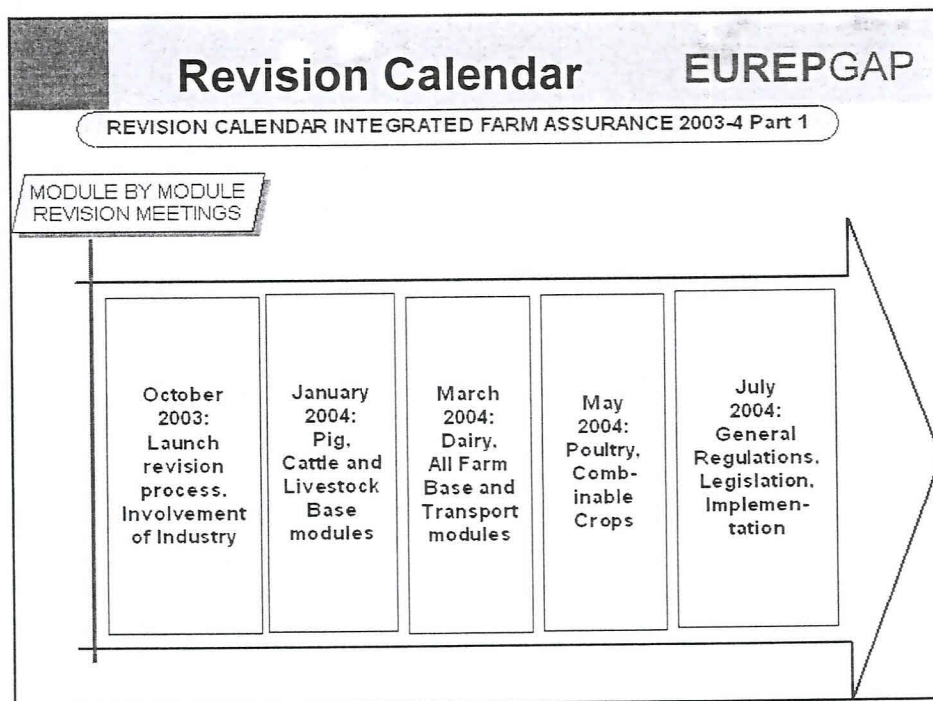
Objectives
www.eurep.org

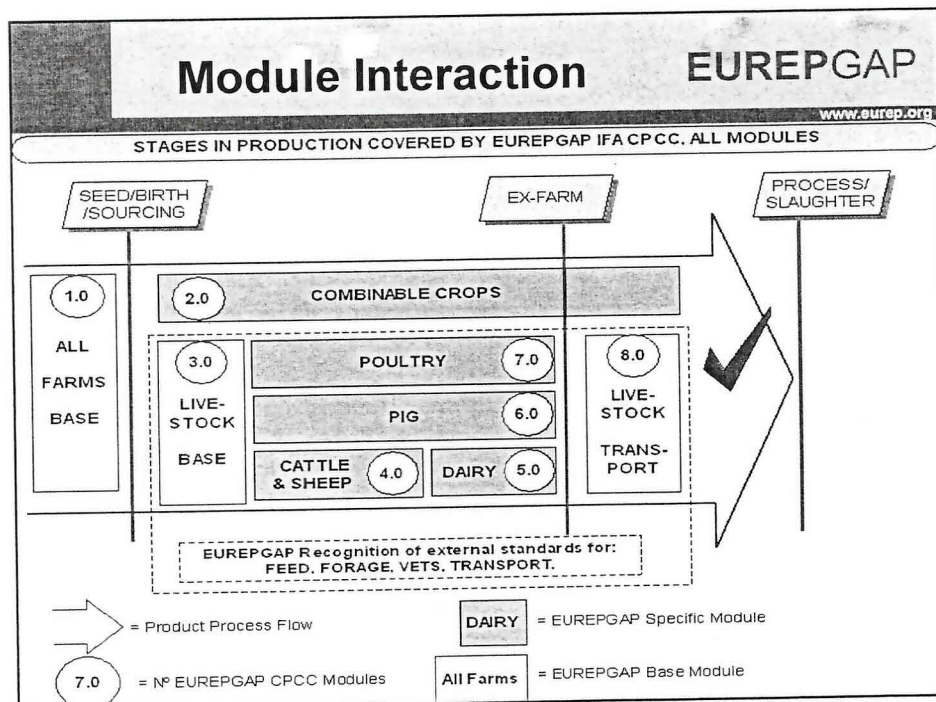
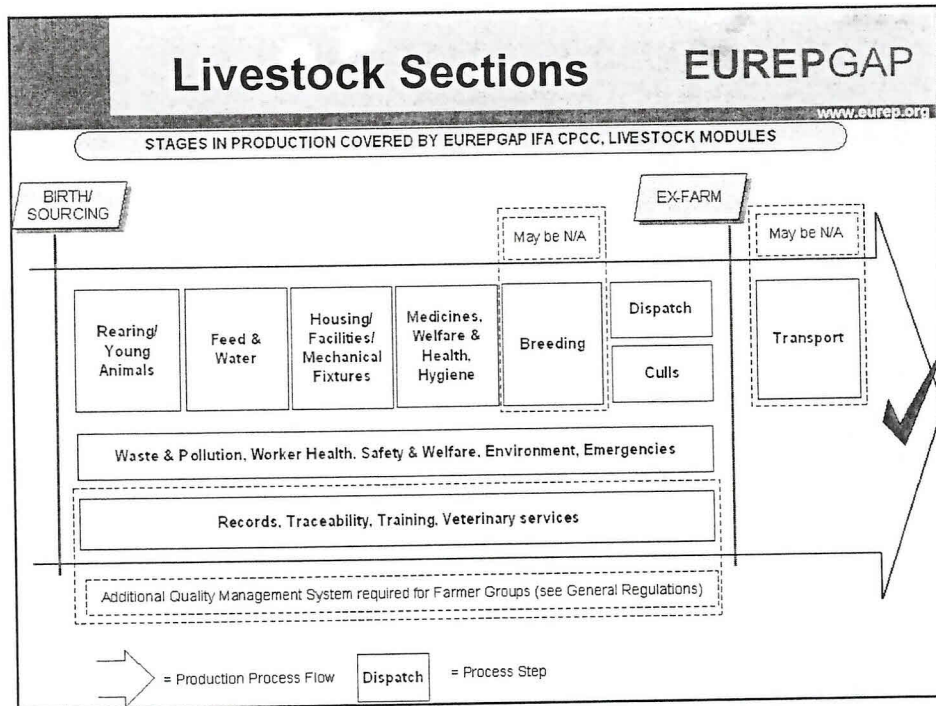
EUREPGAP

- To simplify the document for practical application
- To involve benchmark candidate schemes to give technical input leading to fully endorsed Reference standard.
- To update some technical issues to changing industry and retailer demands – Global Harmonisation
- To legitimise standard through wide, open, thorough consultation process, with a Common Interpretation

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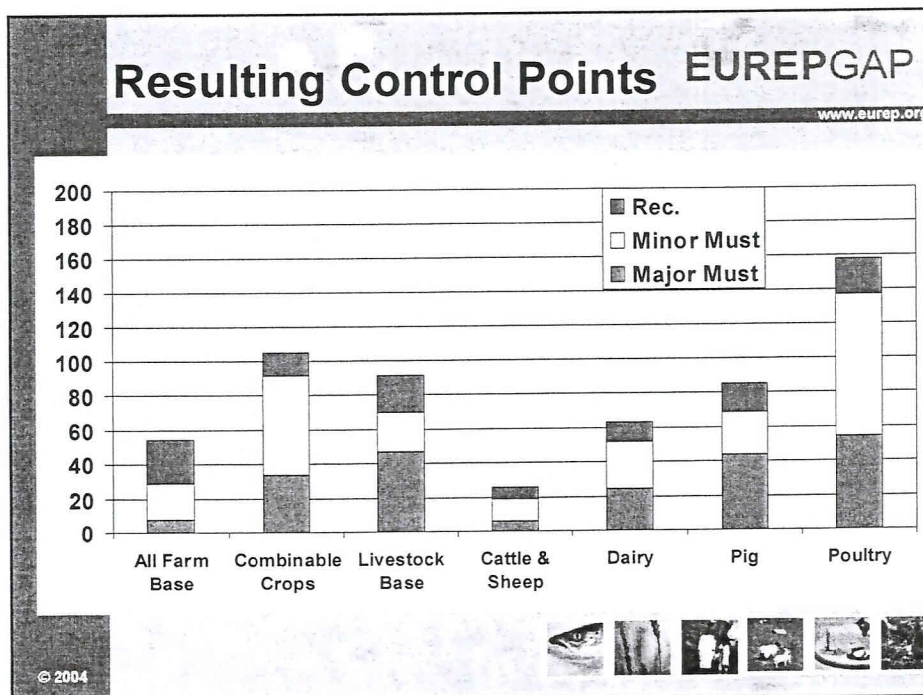






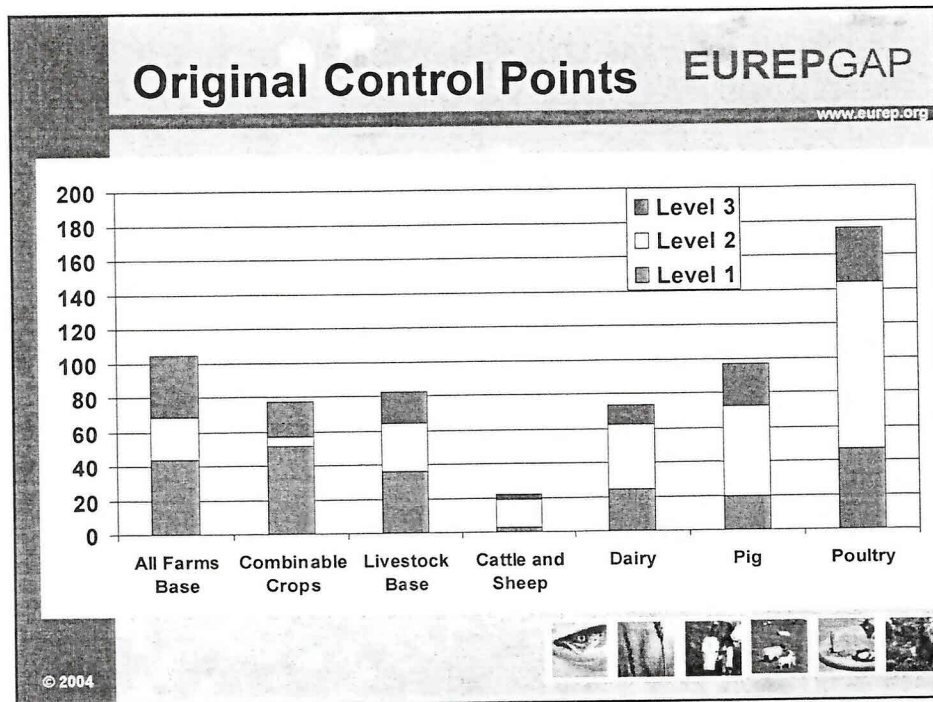
Revision Meetings		EUREPGAP
		www.eurep.org
Meetings	Meeting Man-Days	
Steering Committee	28	
Technical Standards Committee-Expert Group	132	
CB seminars	108	
National Technical Working Group Argentina	56	
Total	324	

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Written Review

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Comments	675
Persons commenting	More than 60

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Role of the Conference EUREPGAP

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- Presentation of reviewed documents
- Natural conclusion to open review policy
- Lead to closing of review process
- Presentation of Benchmark applications



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Opportunity for Comment EUREPGAP

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EUREPGAP IFA Revision Proposals Table

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Main Changes

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- Consolidation of Control Points (avoiding repetition/duplication)
- Control Point position - is it in the right module?
- Feed & Forage standards: EUREPGAP will approve a list.
- Levels changed to Minor-Major-Recommended
- Numbering of Control Points

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Main Changes

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- Harmonisation with existing Fruit & Vegetable Standard
- Modules not included in the final version: Egg Laying and Transport (Need further discussion)
- Changes to Control Point Levels – EU legislation
- Annexes become Guidelines (non-normative)

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Main Changes G.Reggs EUREPGAP

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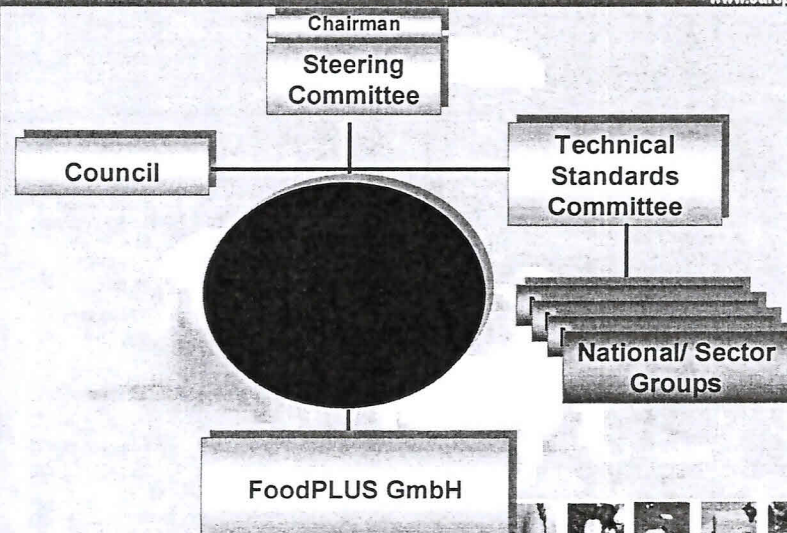
- **Scope** (starting point, transport situation, interaction of sector modules – Cattle/Sheep & Dairy together)
- **Level of compliance** (acceptable level of Minor Musts non conformances 10%, no annual repetition)
- **Degree of Surveillance** (Inspection frequency 18 months for cattle/dairy, and Farmer Group Option 2 sample size to increase)
- **Sanctions** (Severity and legal consequences for EUREPGAP)
- **Certificate** contents and validity period – valid until sanctioned or no re-registration (max. 3 years).
Separate certificate for Transport only.



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National IFA Technical Working Group EUREPGAP

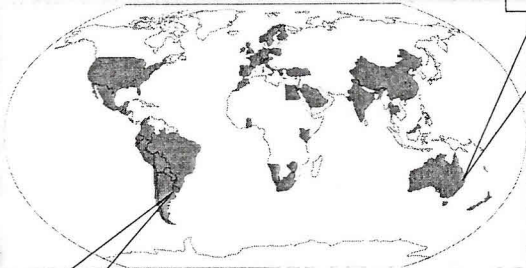
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National / Regional IFA Technical Working Groups



Argentina
July 2004

Australia
Nov. 2004?



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Thank you for your attention!!




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Integrity of Farm Assurance

Selected Items from the EurepGAP Integrity Programme

Chris Anstey
Tesco plc., UK
and
Kristian Moeller
EUREPGAP, Germany




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Elements of Integrity

- **Standard**
(Setting and Maintenance)
- **Compliance**
(Certification Management)
- **Performance**
(Status, Plausibility and Effectiveness Reports)



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Standard Setting

- Document Development
 - Scope of Content
 - Level of regulated Detail
 - Consensus of Interpretation
- ✓ Steering Committee and Technical and Standards Committees and Expert Group
- ✓ Pilot Audits
- ✓ National Technical Working Groups

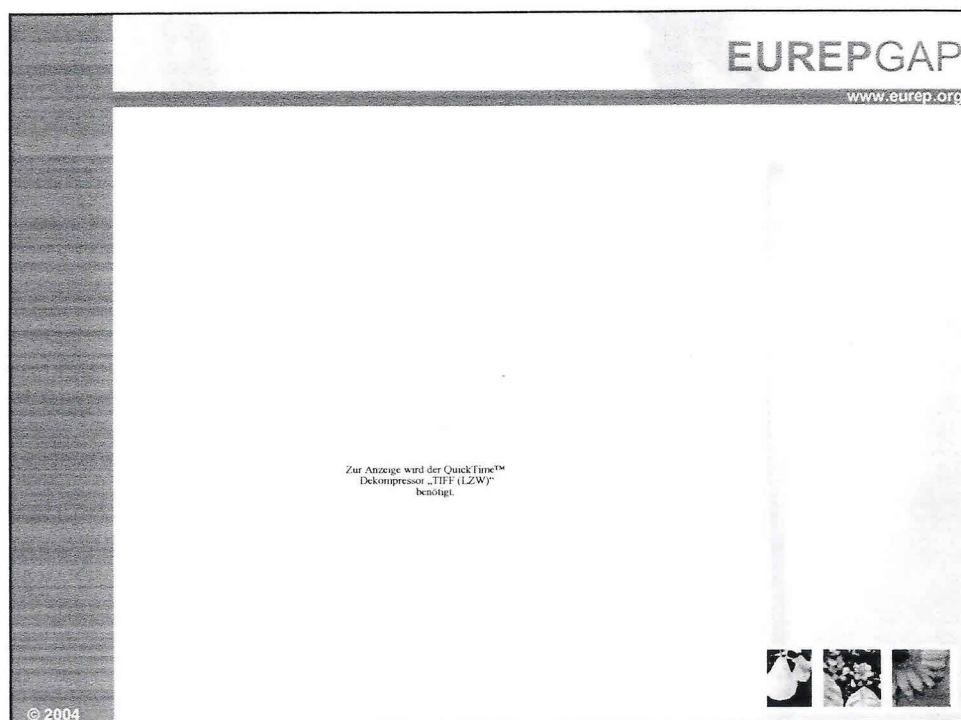
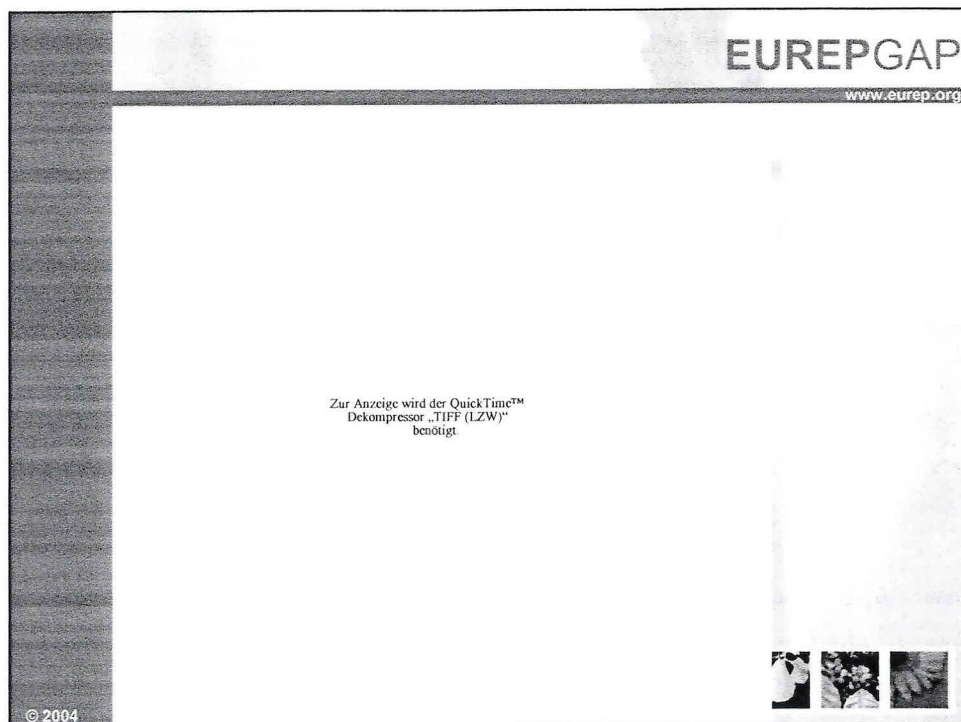
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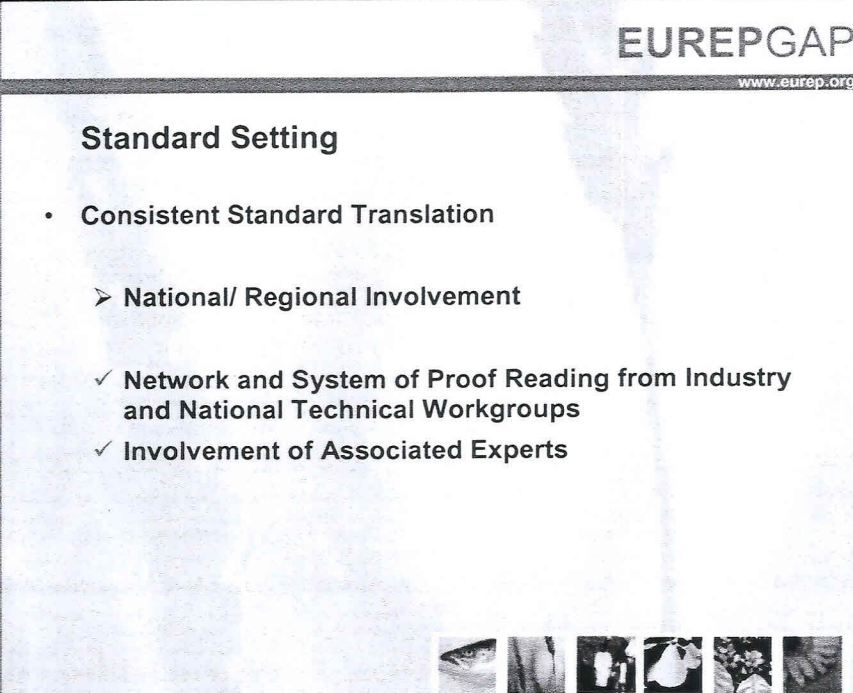
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National / Regional Technical Working Groups

Country/Region	Date
NL	Jan. 2002
UK	Sep. 2002
Switzerland	July 2002
Italy	July 2002
Greece	Sep 2004
Malaysia	Feb 2003
New Zealand	May 2004
Australia/Tasmania	July 2002
Africa	March 2002
Argentina	March 2004
Chile	March 2003
Spain	May 2002
France	June 2002
Belgium	Feb 2002







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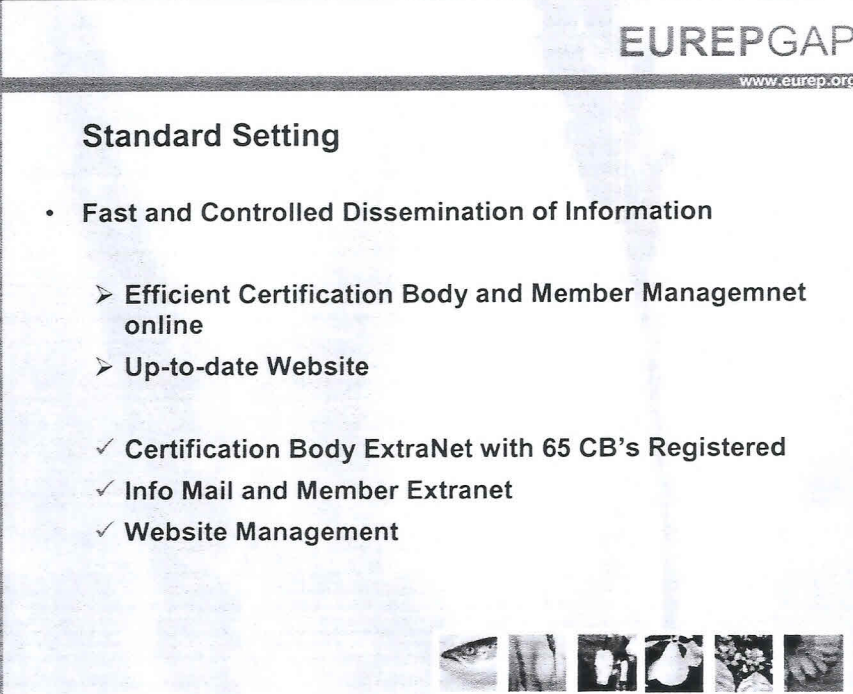

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Standard Setting

- Consistent Standard Translation
 - National/ Regional Involvement
 - ✓ Network and System of Proof Reading from Industry and National Technical Workgroups
 - ✓ Involvement of Associated Experts









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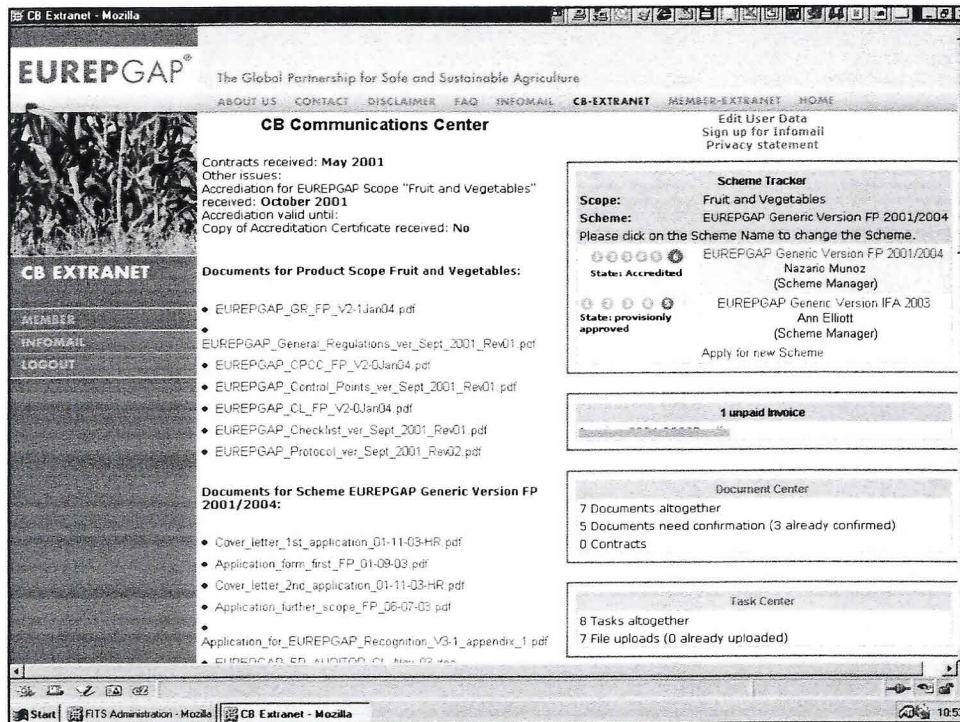

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Standard Setting

- Fast and Controlled Dissemination of Information
 - Efficient Certification Body and Member Managemnet online
 - Up-to-date Website
 - ✓ Certification Body ExtraNet with 65 CB's Registered
 - ✓ Info Mail and Member Extranet
 - ✓ Website Management



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CB Communications Center

Contracts received: **May 2001**
Other issues:
Accreditation for EUREPGAP Scope "Fruit and Vegetables" received: **October 2001**
Accreditation valid until:
Copy of Accreditation Certificate received: **No**

Documents for Product Scope Fruit and Vegetables:

- EUREPGAP_GR_FP_V2-1Jan04.pdf
- EUREPGAP_General_Regulations_ver_Sept_2001_Rev01.pdf
- EUREPGAP_CPDC_FP_V2-0Jan04.pdf
- EUREPGAP_Control_Points_ver_Sept_2001_Rev01.pdf
- EUREPGAP_CL_FP_V2-0Jan04.pdf
- EUREPGAP_Checklist_ver_Sept_2001_Rev01.pdf
- EUREPGAP_Protocol_ver_Sept_2001_Rev02.pdf

Documents for Scheme EUREPGAP Generic Version FP 2001/2004:

- Cover_letter_1st_application_01-11-03-HR.pdf
- Application_form_frst_FP_01-09-03.pdf
- Cover_letter_2nd_application_01-11-03-HR.pdf
- Application_further_scope_FP_06-07-03.pdf
- Application_for_EUREPGAP_Recognition_V3-1_appendix_1.pdf
- EUREPGAP_FP_AUDITING_C1_Nov_02.doc

Scheme Tracker
Scope: Fruit and Vegetables
Scheme: EUREPGAP Generic Version FP 2001/2004
Please click on the Scheme Name to change the Scheme.

State: **Accredited**
EUREPGAP Generic Version FP 2001/2004
Nazario Munoz (Scheme Manager)

State: **provisionally approved**
EUREPGAP Generic Version IFA 2003
Ann Elliott (Scheme Manager)

Apply for new Scheme

1 unpaid invoice

Document Center
7 Documents altogether
5 Documents need confirmation (3 already confirmed)
0 Contracts

Task Center
8 Tasks altogether
7 File uploads (0 already uploaded)



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DOCUMENTS

EurepGAP Integrated Aquaculture Assurance Standard is now available and can be applied from 18th of October 2004.

Use the opportunity to sign up for infomail for this product scope to be informed about any progress in this scope.

Choose your language:
English

General Regulations

Language	Version	File Name	File Details
English	October 2004	General Regulations	Acrobat Reader Document (720 Kb)

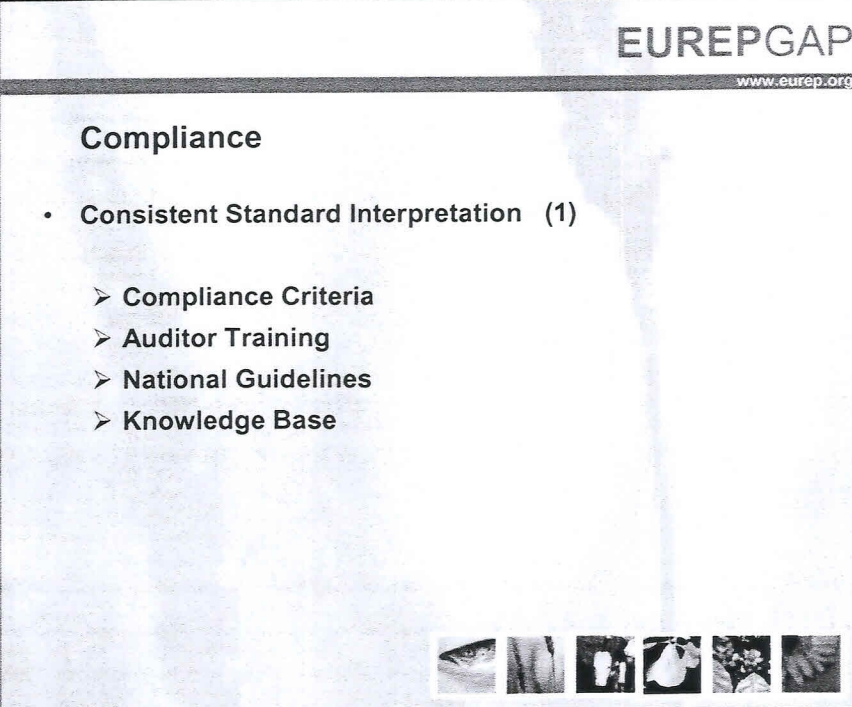
Control Points and Compliance Criteria

Language	Version	File Name	File Details
English	October 2004	Control Points and Compliance Criteria	Acrobat Reader Document (430 Kb)

Checklist

Language	Version	File Name	File Details
English	October 2004	Checklist	Acrobat Reader Document (384 Kb)

Benchmarking Procedure









EUREPGAP

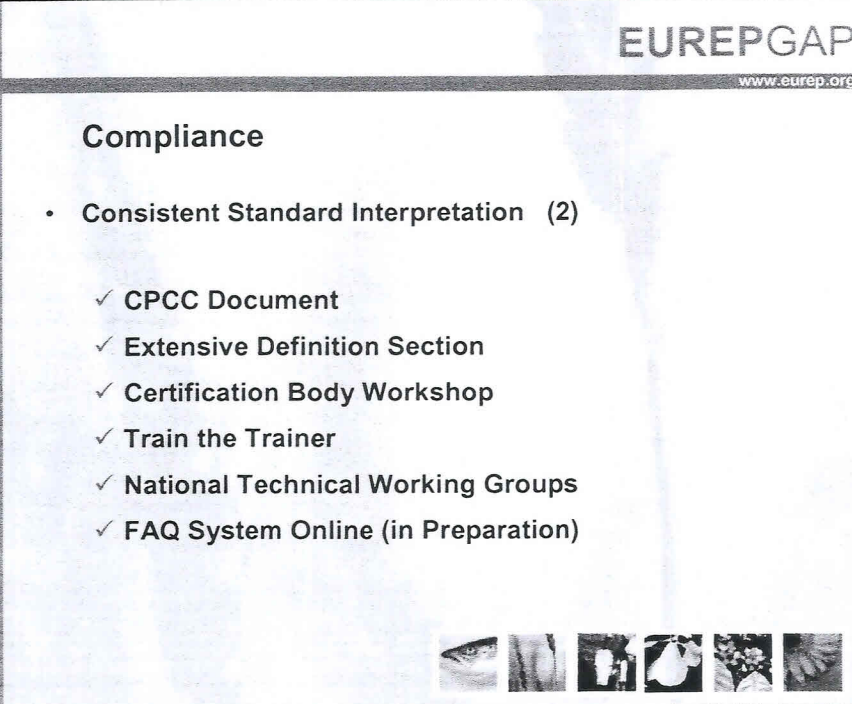
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Compliance

- Consistent Standard Interpretation (1)
 - Compliance Criteria
 - Auditor Training
 - National Guidelines
 - Knowledge Base



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Compliance

- Consistent Standard Interpretation (2)
 - ✓ CPCC Document
 - ✓ Extensive Definition Section
 - ✓ Certification Body Workshop
 - ✓ Train the Trainer
 - ✓ National Technical Working Groups
 - ✓ FAQ System Online (in Preparation)




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Compliance


- Consistent Audit Results (1)
 - Auditor Qualification
 - Auditor Training
 - Performance Control
 - Audit Length Recommendation


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Compliance


- Consistent Audit Results (2)
 - ✓ GenReg Definitions on Formal Qualification
 - ✓ Initial Auditor Qualification Check
 - ✓ Auditor Certification on Competencies where Insufficient Formal Qualification
 - ✓ Certification Body Workshop
 - ✓ Certification Body Conference
 - ✓ Train the Trainer
 - ✓ Auditor Registration


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Compliance

- Consistency of Certification Body Performance
 - Strong and consistent Accreditation (ISO Guide 65)
 - Auditor Qualification
 - Audit experience
 - ✓ Decision to establish AB Guideline
 - ✓ Committee participation on some CBs
 - ✓ CB Seminars and tests




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Compliance

- Consistency of Accreditation Body Performance
 - Using existing tools
 - MLA on ISO Guide 65
 - Feedback and co-operation with ABs
 - ✓ IAF MLA is almost ready to be published
 - ✓ Decision to establish AB Guideline
 - ✓ Committee participation on ABs
 - ✓ EA forum participant




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Compliance

- EUREPGAP Accreditation Guidelines (in development)
 - Robust procedure of global accreditation
 - Based on ISO Guide 65 MLA
 - Competence of ABs
 - ✓ Knowledge of AB Assessors
 - ✓ Co-operation with ABs
 - ✓ Clearly defined CB scopes (incl. geographical)




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Compliance

- EUREPGAP Accreditation Assessors
 - Competent EurepGAP Expert Team
 - ✓ Individual Recognition by FoodPLUS
 - ✓ Training requirement (Trainer and CB workshops)
 - ✓ ExtraNet access via Abs
 - ✓ Signed up to InfoMail
 - ✓ Additional activities with FoodPLUS: Trainer, Benchmark Witness Assessor, Integrity Auditor, EurepGAP Expert Consultant, Development Tasks




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Compliance

- **EUREPGAP Accreditation Assessor TRAINING**

Wednesday 15. December 2004
Cologne, Germany
On invitation, free access




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Compliance

- **Publication of all approved CBs on the Website**
 - World-wide choice of CBs
 - ✓ Status and Scope
 - ✓ Contact Details
 - ✓ Country Offices and Activities



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Certification Bodies

All Certification Bodies that have received full ISO Guide 65 (EN 45011) accreditation to the scope of EurepGAP "Fruit and Vegetables" and are fully approved to carry out EurepGAP Certification to that scope are listed in TABLE 1 (with headquarter in Country) and TABLE 2 (with local office in Country). Only these Accredited Certifiers are allowed to use the EurepGAP Logo on their certificates and promotion material and will allow growers to do the same according to their certification agreement.

Click on the certifier's name and get more details (Contacts in countries they operate).

(Those certifiers that are in the application phase and have been given a several-month provisional approval, are listed in "TABLE 3" below on the bottom of this page.)

Region: Country:

Table 1 Accredited CBs with headquarter in Country

Organisation	Head Quarter	Contracts received	Accredited EN 45011 / ISO 65 scope	Comments
Agrar-Control GmbH	Germany	July 2004	August 2004	Approved for the sub-scopes: Combinable Crops

*Accreditation issued by an AB that has signed the MLA within the ISO Guide 62 or Laboratory area and that is involved in the development of an IAF methodology and criteria for peer assessment on ISO Guide 65 (product Certification). The EUREPGAP TSC will accept accreditations issued by: ANSI, INMETRO (Brazil), JAS-ANZ (NZ/AUS) and SANAS (RSA) until this MLA is in force and signed.

Table 3 Provisionally approved CBs (in process to receive accreditation)


Organisation	Country of Head Quarter	Contracts received	Applied for Accreditation EN 45011/ISO 65	Comments
Gesellschaft zur Qualitätsförderung	Germany	August 2004		Approved for the sub-scope: Combinable Crops
AUS-QUAL Pty Ltd	Australia	October 2004		Approved for the sub-scopes: cattle & sheep, dairy, pigs, poultry and combinable crops.
Bureau Veritas Quality International España, S.A.	Spain	March 2004		Approved for the sub-scopes: dairy
Efsis Ltd.	United Kingdom	March 2004	March 2004	Approved for the sub-scopes: cattle&sheep, combinable crops
EUROCERT European Inspection and Certification	Greece	August 2004		Approved for the sub-scopes: cattle & sheep, dairy, pigs, poultry, combinable crops
IBD-Instituto Biodinamico	Brazil	October 2004	October 2004	Approved for the sub-scopes: Cattle & Sheep, Combinable Crops. (Restricted to Option 1 Certification)
IRAM Instituto Argentino de Normalización y Certificación	Argentina	September 2004		Approved for the sub-scopes: cattle & sheep, dairy, poultry, combinable crops
Organizacion Internacional Agropecuaria	Argentina	March 2004	June 2004	Approved for the sub-scopes: cattle&sheep, dairy, combinable crops, poultry
SGS BELGIUM NV	Belgium	July 2004	May 2004	Approved for the sub-scope: Combinable Crops (restricted to OPTION 1 Certification)
Skal International NL	Netherlands	March 2004	January 2004	Approved for the sub-scopes: cattle&sheep, dairy, pigs, poultry, combinable crops

Organisation	Country of Head Quarter	Contracts received	Applied for Accreditation EN 45011/ISO 65	Comments
Gesellschaft zur Qualitätsförderung	Germany	August 2004		Approved for the sub-scope: Combinable Crops
AUS-QUAL Pty Ltd	Australia	October 2004		Approved for the sub-scopes: cattle & sheep, dairy, pigs, poultry and combinable crops.
Bureau Veritas Quality International España, S.A.	Spain	March 2004		Approved for the sub-scopes: dairy
Efsis Ltd.	United Kingdom	March 2004	March 2004	Approved for the sub-scopes: cattle&sheep, combinable crops
EUROCERT European Inspection and Certification	Greece	August 2004		Approved for the sub-scopes: cattle & sheep, dairy, pigs, poultry, combinable crops
IBD-Instituto Biodinamico	Brazil	October 2004	October 2004	Approved for the sub-scopes: Cattle & Sheep, Combinable Crops. (Restricted to Option 1 Certification)
IRAM Instituto Argentino de Normalización y Certificación	Argentina	September 2004		Approved for the sub-scopes: cattle & sheep, dairy, poultry, combinable crops
Organizacion Internacional Agropecuaria	Argentina	March 2004	June 2004	Approved for the sub-scopes: cattle&sheep, dairy, combinable crops, poultry
SGS BELGIUM NV	Belgium	July 2004	May 2004	Approved for the sub-scope: Combinable Crops (restricted to OPTION 1 Certification)
Skal International NL	Netherlands	March 2004	January 2004	Approved for the sub-scopes: cattle&sheep, dairy, pigs, poultry, combinable crops

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Compliance

- **Transparent Benchmarking Process**
 - High Integrity
 - High Transparency and High Independence
 - Robust Tool of Recognition
- ✓ Transparent procedure and rules
- ✓ External, independent assessment (JAS-ANZ)
- ✓ Document and witness (on site) assessment
- ✓ Appeals procedure
- ✓ ExtraNet



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EUREPGAP - fruit - Mozilla

File Edit View Go Bookmarks Tools Window Help

Back Reload http://www.eurep.org/fruit/Languages/English/approvals.html Search Print

Home Bookmarks mozilla.org Latest Builds Öffnungszeiten der Me... FITS Administration

English

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Approved Schemes

EurepGAP Fruit and Vegetables

This Site will provide you with information on schemes that have been recognised by FoodPLUS as equivalent to the EurepGAP standard for Fruit and Vegetables and on the status of applicant schemes where applications have been received but the approval has not yet been granted. Approved Certification Bodies are CBs that have received accreditation ISO GUIDE 65/EN 45011 to the scope of the Benchmarked Scheme and to the EurepGAP General Regulations of the relevant product scope.

EurepGAP Fruit and Vegetables is now available and can be applied immediately. The Version 2001 will continue to be valid for the transition period and can be audited until end 2004. Exact dates are published in the new General Regulations. The BENCHMARKING PROCEDURE is also published. See bottom of page or at JAS-ANZ website

Scheme Owner, Country	Scheme Name, Products	Approved Certification Bodies
Assured Produce Ltd., UK	Assured Produce Scheme (version 1/2002) please see 44 products on APS website	CMI Certification, UK
ANECOOP, Spain	NATURANE PBR-18-06-01 oranges, mandarins, lemons, apricots, peaches, nectarines, plums, grapes, tomatoes, aubergines, peppers, cucumbers, watermelon, melon, beans, Lettuce, broccoli, cauliflower	ProCert Safety AG, Switzerland
E. Martinavarro S.A., Spain	NATURENSE (Version 2.2/7/02) mandarines, oranges	ProCert Safety AG, Switzerland
Asociación Española de	UNE 155001-1:2001 artichokes, tomato, capsicum, cucumber, green beans, eggplant, melon,	

Transferring data from www.eurep.org...

Start FITS Administration - Mozilla Microsoft PowerPoint - [ve... EUREPGAP - fruit - M... 11:18

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EurepGAP Trainers Fruit and Vegetables

EurepGAP allows and encourages individuals that have attended a Train-the-Trainer course (or CB-Workshop) and passed the examination to conduct own public EurepGAP courses based on EurepGAP materials. Minimum qualifications for trainers apply (education and professional experience equivalent to EurepGAP Auditor), and trainers must be associated to a EurepGAP member organisation to have preferred access to latest material. Please see the base document for download: [Training Manual](#) (pdf, 69 KB)

Qualification for EurepGAP Fresh Produce Trainer, please download the [EurepGAP Trainer Checklist](#) (word_document, 66 KB). Applicants must complete and sign the checklist and forward it to the EurepGAP Secretariat, accompanied by a curriculum vitae and other suitable documents (copies of diplomas, certificates, etc.) to proof the required qualifications. Checklist entries must correspond to the documented details in the CV.

Please note that we only accept documents in english!

Register as EurepGAP trainer after completing the application requirement via the [Training Application](#) (word_document, 24 KB)

Name of Member Organisation, Website	Country of trainer	Name of Trainer, Email	Date of examination in
Agro Fair	Netherlands	Axmann, Heike	2002 Rotterdam
Agron SA	Greece	Papaoikonomou, Vasileios	4 February 2004
Albafruit	France	Soula, Virginie	4 February 2004
BSI Inspectorate	Argentina	Hübbe, Susana	November 2003, Buenos

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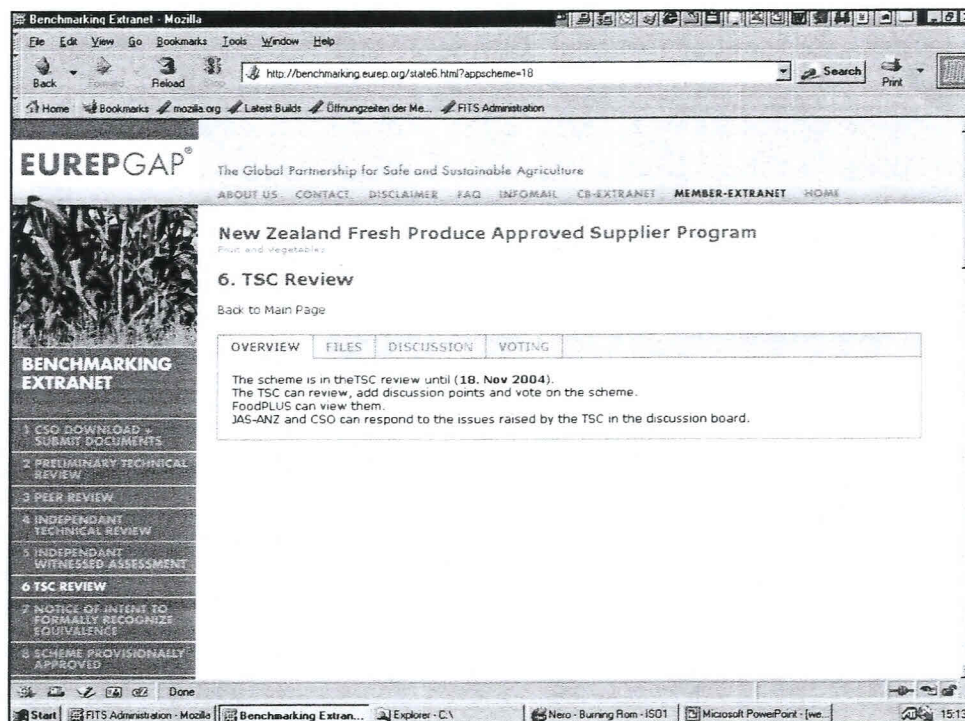
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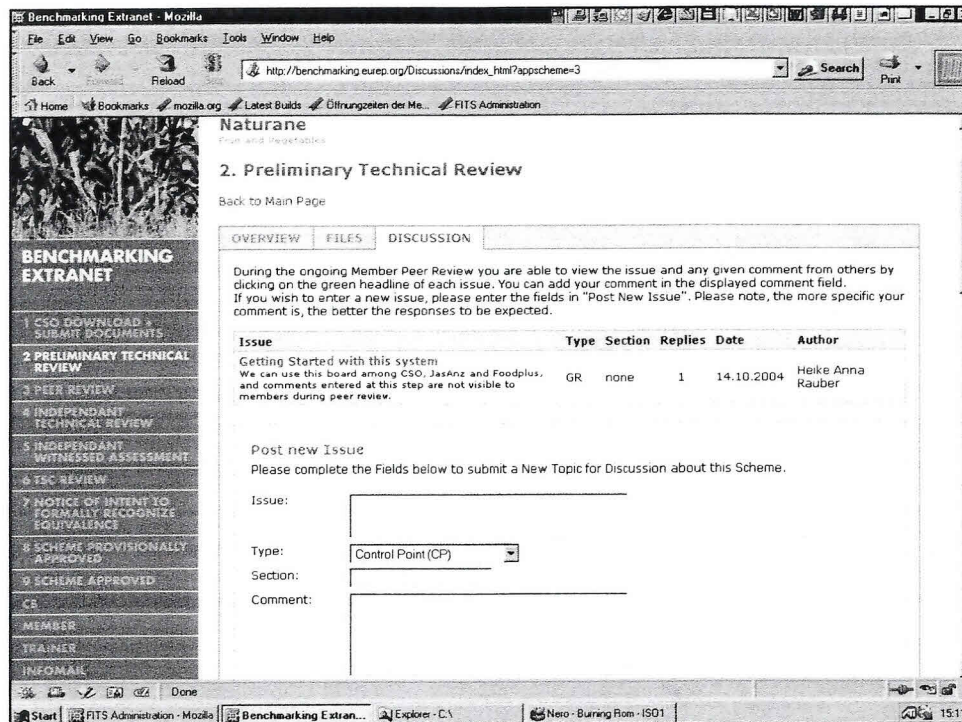
WELCOME Heike Anna Rauber, FoodPLUS GmbH to your individual certification scheme assessment site


Your last login was 2004-11-03 15:29:19

Certification Systems in Progress:

State	Applicant Scheme Name, Scope	Activities	Date of Application	Deadline
Preliminary Technical Review	SwissGap Fruit and Vegetables Qualiservice GmbH	OVERVIEW FILES DISCUSSIONS	2. Jun 2004	19. Nov 2004
Preliminary Technical Review	Noturane Fruit and Vegetables ANECOOP Spain COOP	1 New Document OVERVIEW FILES DISCUSSIONS	23. Aug 2004	18. Nov 2004
Preliminary Technical Review	Naturesense Fruit and Vegetables E. Martinagallo S.A.	1 New Document OVERVIEW FILES DISCUSSIONS	31. Aug 2004	18. Nov 2004
Preliminary Technical Review	Assured Produce Fruit and Vegetables Assured Produce	OVERVIEW FILES DISCUSSIONS	26. Oct 2004	5. Nov 2004
TSC Review	New Zealand Fresh Produce Approved Supplier Program Fruit and Vegetables New Zealand Vegetable Growers Federation (VegFed)	3 New Documents	12. Mar 2003	13. Nov 2004








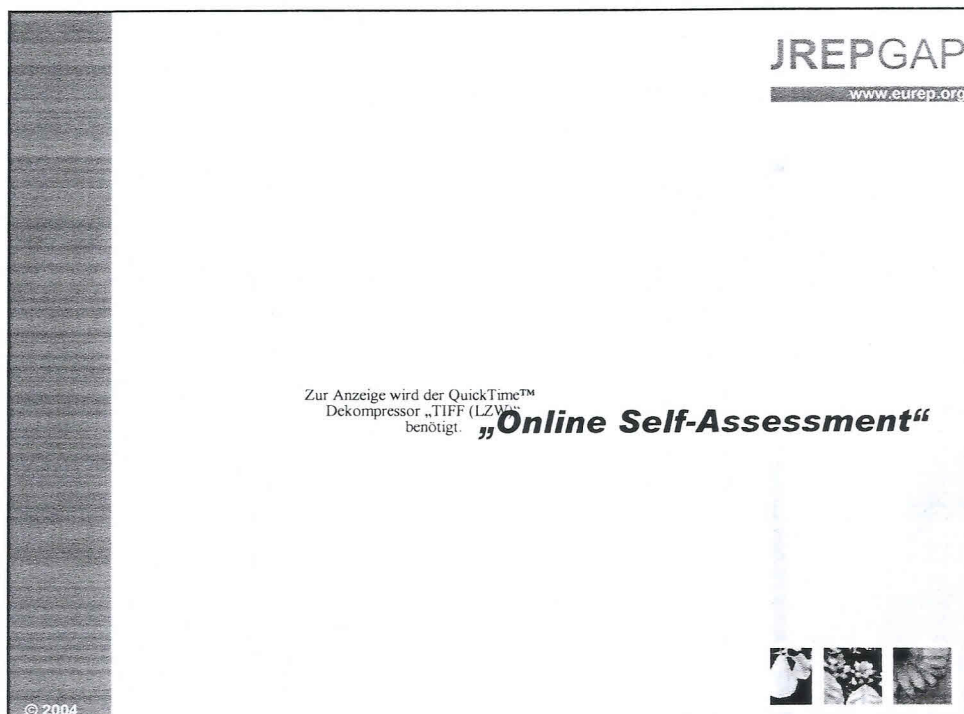
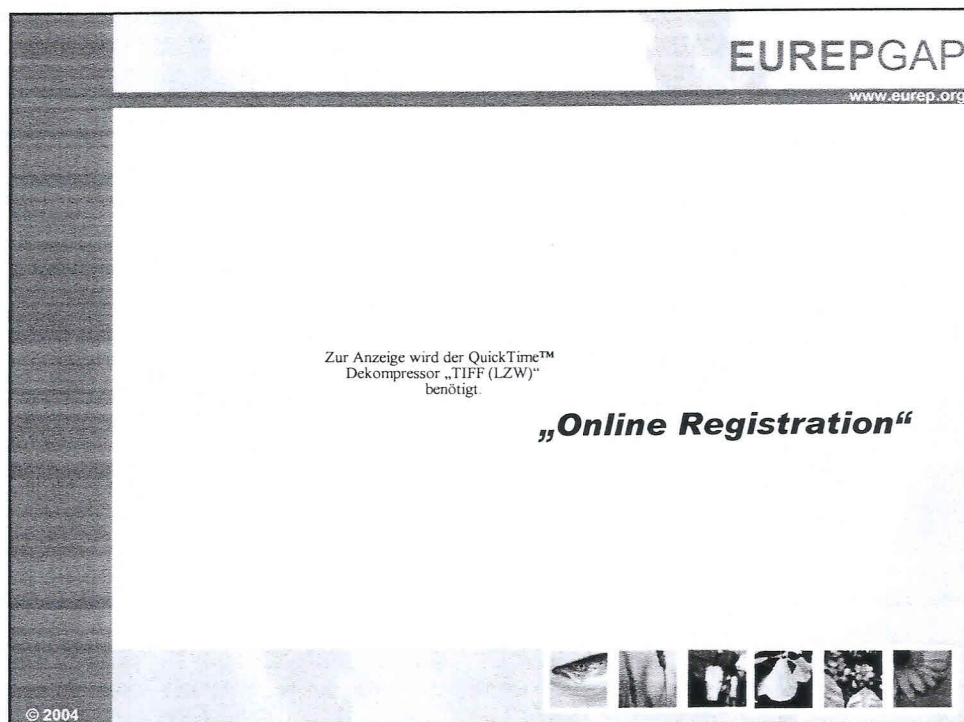
www.eurep.org

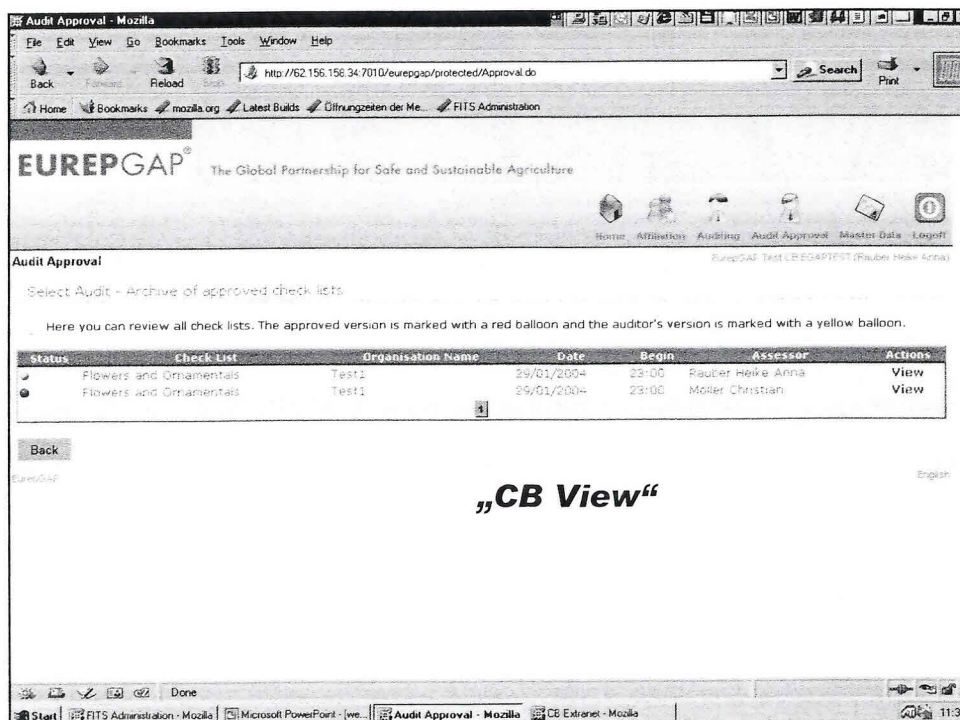
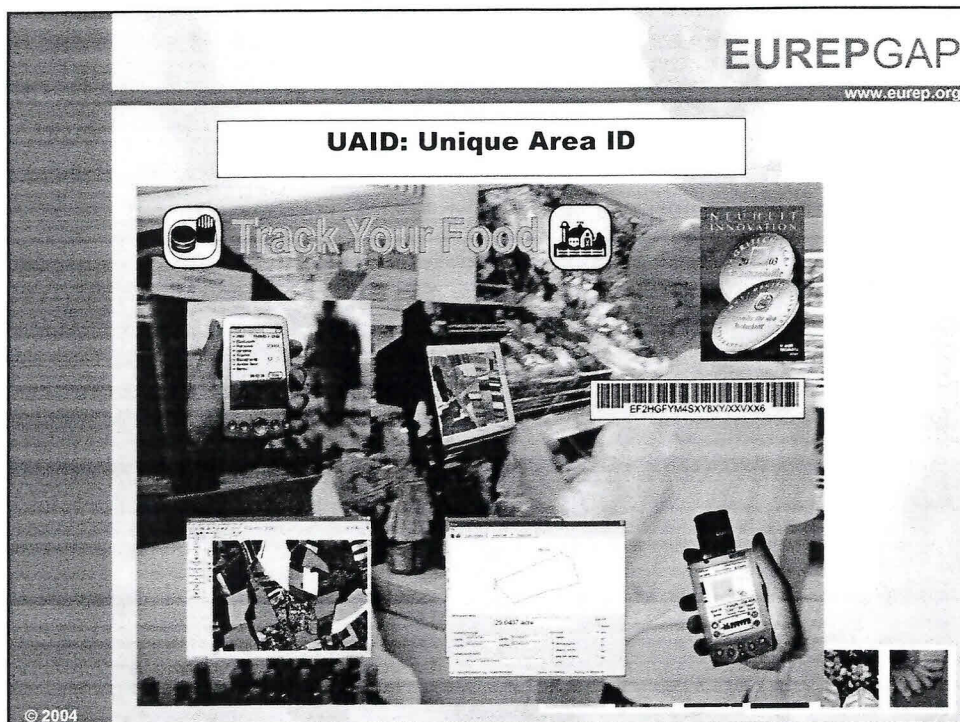
Performance

- **Transparent Farmer Status Information**
 - **Central Database with Open System Interfaces and high level of Data Protection**
 - ✓ All registered farmers / verification result holders
 - ✓ All relevant assessment details (status, scope, validity)
 - ✓ Unique Area ID available (www.uaid.org)
 - ✓ Data protection rules apply
 - ✓ Interface to databases of benchmarked schemes and national systems (and e.g. IFS)
 - ✓ Public registration number confirmation



© 2004





Audit Approval - Mozilla

File Edit View Go Bookmarks Tools Window Help

http://62.156.158.34.7010/eurepgap/protected/Approval.do?view=0&page=1

Home Bookmarks mozilla.org Latest Builds Öffnungszeiten der Me... FITS Administration

EUREPGAP® The Global Partnership for Safe and Sustainable Agriculture

Home MyEurepGap Auditlist Audit Approval MyData Logout

Audit Approval

View Entry

Auditor: Rauber Heike Anna
check list: Flowers and Ornamentals
location: Test1 Teo, Testhausen, GERMANY
date: 29/01/2004 23:00 - 23:30 (Duration: 0:30)

Language: english
Expand All Shorten All

„CB View“

No	Description	Compliance	Not applicable	Comments	Buttons
1	TRACEABILITY				
1.1	Is there a system in place to enable EUREPGAP registered product to be traced to the registered farm where it has been grown?	Yes			
2	RECORD KEEPING				
2.1	Are all records requested throughout the inspection accessible and kept for a period two years?	Yes			
3	VARIETIES AND ROOTSTOCKS				
3.1	Choice of variety or Rootstock				
3.1.1	Is the grower aware of the im...	No	N/A		
3.1.2	Is the grower aware of the cu...	Yes			
3.1.3	Have varieties or rootstocks...	No	N/A		
3.1.4	Where varieties or rootstocks...	No	N/A		
3.1.5	Do the crops grown match the...	No	N/A		

Start FITS Administration - Mozilla Microsoft PowerPoint - [we... Audit Approval - Mozilla 11:40

Audit Approval - Mozilla

File Edit View Go Bookmarks Tools Window Help

http://62.156.158.34.7010/eurepgap/protected/Approval.do?view=0&page=1

Home Bookmarks mozilla.org Latest Builds Öffnungszeiten der Me... FITS Administration

ENVIRONMENTAL ENHANCEMENT

13.1 Impact of farming on the Environment

13.1.1 Does the grower understand an...

13.1.2 Has the grower considered how...

13.2 Wildlife and Conservation Policy

13.2.1 Has an appropriate conservati...

13.2.2 Does grower have a management...

13.2.3 Is this policy compatible wit...

13.2.4 Does the plan contemplate the...

13.2.5 Does the plan contemplate tak...

13.2.6 Does the plan contemplate the...

13.3 Use of Energy

13.3.1 Has an energy management plan...

14 COMPLAINT FORM

14.1 Is there a complaint document...

14.2 Does the complaints procedure...

15 INTERNAL AUDITS

15.1 Does the grower undertake a m...

15.2 Is the internal audit document...

15.3 Are appropriate corrective ac...

Comment: corrective measures
Auditor comment: Auditor corrective measures

„CB View“

Back

Start FITS Administration - Mozilla Microsoft PowerPoint - [we... Audit Approval - Mozilla 13:38

The screenshot shows the EUREPGAP website interface in a Microsoft Internet Explorer browser window. The page title is "EUREPGAP" and the URL is "www.eurep.org". The navigation bar includes links for ABOUT US, NEWS, CONTACT, MEMBERS ONLY, REGIONAL OFFICES, and TRAINING. The main content area is titled "Registration number search" and contains a search form with the text "Enter registration number composed of the abbreviation of the Certification Body (CB Short) followed by a space and the alpha-numeric Code itself assigned by the CB". The search results for "INTEGRA 10583" are displayed in a table format:

EUREPGAP Registration Number	INTEGRA 10583
Date of latest Certification Audit/Inspection	30 Aug 2002
Certification Status	EUREPGAP approved
Certification Status valid until	09 Sep 2003
Scheme	EUREPGAP
Scheme Version	2001
SCOPE	(undefined)
Type of Organisation	Grower
Option	1
Country of Production	Belgium
Product	Potatoes

Below the table, there is a note: "For questions and more information, please contact the responsible Certification Body (Contacts on the www.eurep.org website under Certification Bodies)". A large text overlay on the right side of the screenshot reads: **„Available since October 2003“**. The footer of the page includes "© 2004" and a row of small icons representing various agricultural products.

The screenshot shows the "Performance" section of the EUREPGAP website. The page title is "EUREPGAP" and the URL is "www.eurep.org". The main content area is titled "Performance" and contains a list of measures:

- Measures
 - Statistics
 - Trend Analysis
 - User/Customer Feedback
 - ✓ Summary reports
 - ✓ Time Series possible
 - ✓ Complaint Form and Management

The footer of the page includes "© 2004" and a row of small icons representing various agricultural products.

The screenshot shows the 'FITS Administration' window with various search filters set. Below the filters is a 'Generate Report' button and a table of results.

Country	Product	Status	Option	Number of PMOs	Number of registered growers	Total Area	CB Short
Belgium	Potatoes	4	All	-	79	3238.4	All
Canada	Potatoes	4	All	-	1	25.0	All
Egypt	Potatoes	4	All	-	5	2259.0	All
France	Potatoes	4	All	-	76	1791.2	All
Germany	Potatoes	4	All	-	414	7619.93	All
Israel	Potatoes	4	All	-	9	3157.5	All
Italy	Potatoes	4	All	-	8	206.4	All
Malta	Potatoes	4	All	-	483	502.5	All
Morocco	Potatoes	4	All	-	1	200.0	All
New Zealand	Potatoes	4	All	-	1	16.0	All
Portugal	Potatoes	4	All	-	7	895.0	All
South Africa	Potatoes	4	All	-	8	628.4	All
Spain	Potatoes	4	All	-	20	897.7	All
The Netherlands	Potatoes	4	All	-	1024	24421.42	All
Total:				0	2136	45858.45	

The screenshot shows the 'Contact' page of the EUREPGAP website. A handwritten note in German, '„Complaint Form“', with an arrow points to the text 'our complaint form' in the contact information section.

„Complaint Form“

If you want to lodge an official complaint to the EUREPGAP Secretariat, please use [our complaint form](#).

EUREPGAP
www.eurep.org

EUREPGAP
COMPLAINTS PROCEDURE
ENGLISH VERSION

Issue No: 001/1/01/01
Version: 1.1
Page: 1/1

For the Attention of EUREPGAP Secretariat
 FAX: +49 (0)221 579 93 56

Complaint Presentation Format

PLAINT	
Name	
Official Legal Claim	
Company	
Address	
Telephone/Fax	
E-mail	
FOCUS OF OBJECTION	
Product/Service	A. E.g. EUREPGAP logo misuse, inadequate Certification Services etc.
Organization/Company	
Service/Subject	E.g. Certification, Accreditation, Monitoring, Communication, Training, Publicity, Logo use, etc.
Name of Receiver	
RECEPTION	
Name of Receiver	
Signature	
RATIONAL DESCRIPTION	
EVIDENCE	
Documentary Material	Please attach evidence (photos, samples, copies, prices, reasons etc.) and indicate which upon your objection.
Signature	

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EUREPGAP
www.eurep.org

Performance

- Complaints received

Year	Number of Complaints Received	Issues
2002	6	Logo misuse, Inadequate Certification Process, Certification Scope missused, Illegal CB Services.
2003	11	Logo misuse, certificate validity, CB conflict of interest, Inadequate Certification Services, Auditor Qualification, Grower Registration, Illegal CB services
2004	12	Certification scope missused, MRL exceed, Certificate validity, Logo missused, Grower registration, Illegal CB services, CB conflict of interest


© 2004

EUREPGAP
www.eurep.org

**It is YOUR opportunity and responsibility to
improve OUR system:**

Give us FEEDBACK!

THANK YOU




© 2004

EUREPGAP
www.eurep.org

EUREPGAP – integrated aquaculture assurance standard

- The story of EurepGAP Certified Salmon

Per Johan Røttereng, DVM
Vice president Quality & Environment
Fjord Seafood ASA



© 2003


EUREPGAP
www.eurep.org

This story has 3 parts.

Part 1: Retailer and Supplier partner case studies
Ahold/A.Heijn and Fjord Seafood

Part 2: Involvement of EurepGAP to make a draft

Part 3: Stakeholders consultation



EUREPGAP
www.eurep.org


The roles and characters in this story:

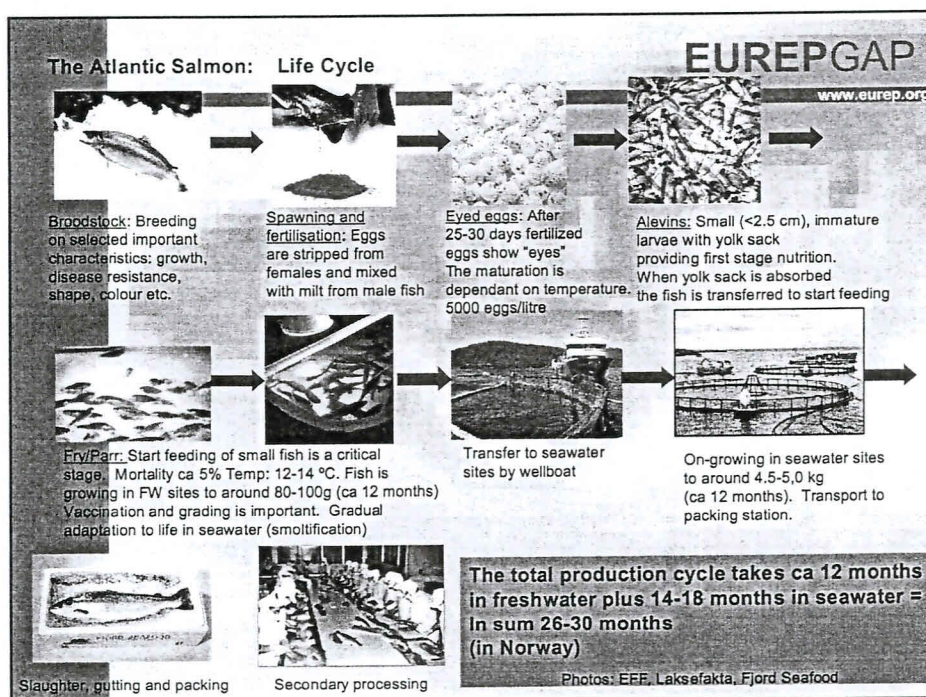
- in order of appearance

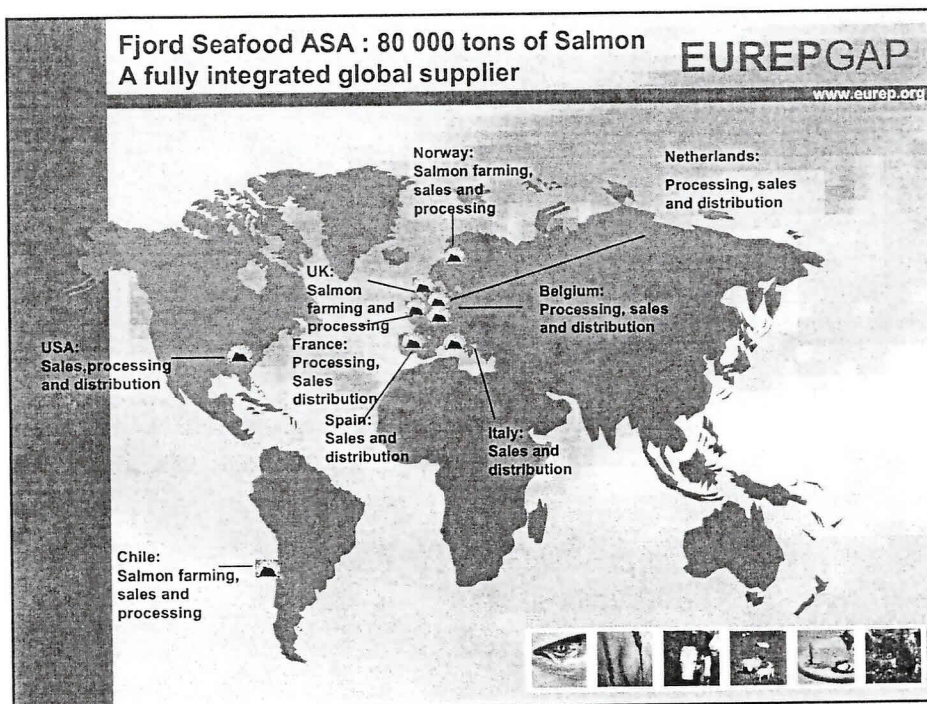
<u>Roles</u>	<u>Characters</u>
1. The Atlantic salmon	Playing himself
2. The customer focused seafood producer	Fjord Seafood /FS Pieters
3. The concerned retailer	Royal Ahold/ A.Heijn
4. The well organized EurepGAP org.	Food Plus
5. The knowledgeable Certifying Body	SGS

With great help in Part 3 from:

6. Other stakeholders, like NGOs in several countries
7. Other Major salmon producers: Nutreco, Panfish, Stolt Seafarm
8. Other farmed fish than salmon
9. Yourself and GFSI (Global Food Safety Initiative)







Part 1: 2001

EUREPGAP
www.eurep.org

Retailer and supplier Partner Case studies

"We deliver safe and healthy seafood."

How can we meet customers concerns, today and in the future?
Food safety, environment, animal welfare.....
How to communicate?

Ahold/A.Heijn and
Fjord Seafood work together

*Fjord Seafood Pieters, Brugge nov 2001

Part 2 : 2002 - 2003

EUREPGAP
www.eurep.org

Retailer and Supplier involve EurepGAP

- 1. Develop an open salmon farming standard
 - draft supply chain standard for farmed salmon:
Food safety, environment, OHS
 - pilot auditing in Scotland & Norway with SGS
- 2. Business to business initiatives go in parallel (not a part of EurepGAP):
 - i.e. quality, logistics, customer communication ...




Part 2: 2002 -2003

EUREPGAP
www.eurep.org

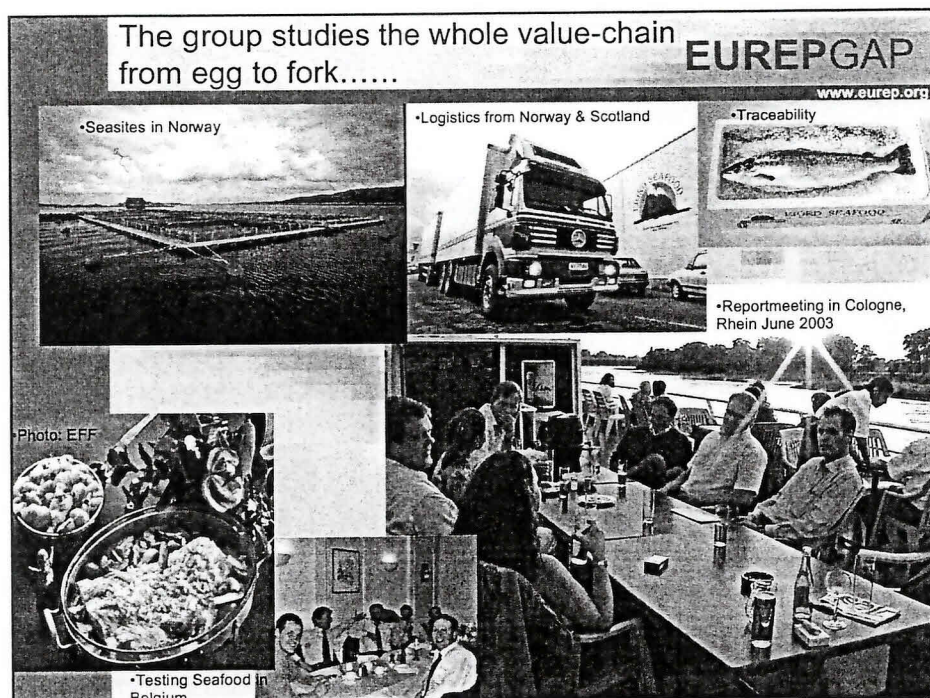
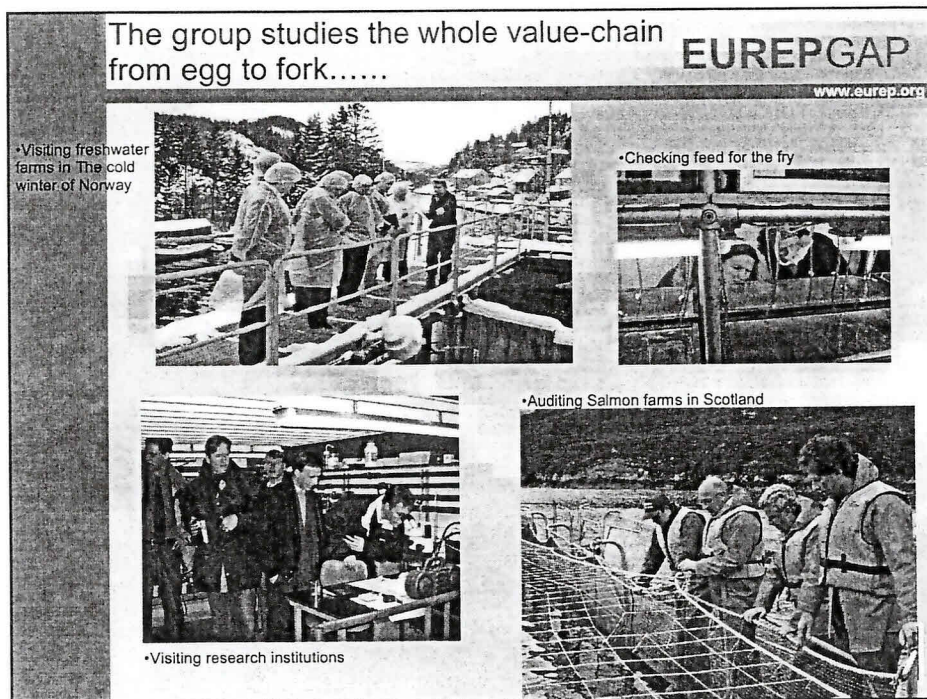
EUREPGAP Farmed Fish - Draft

- The technical working group, first meeting Aug 2002
 - Aldin Hilbrands - SGS
 - Kristian Möller, Valeska Weyman - Food Plus
 - Fons Schmid - Royal Ahold
 - Erwin R Steenbruggen, John Oosterhuis - A.Heijn
 - Anje Mattheeuws - Fjord Seafood Pieters
 - Steve Rex, Per Johan Røttereng - Fjord Seafood ASA

Several colleagues participated in different meetings.



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End of part 2:

EUREPGAP
www.eurep.org

**EUREPGAP Farmed Fish –
Draft by Sept 2003**

The two new documents are

- 1. Integrated Farmed fish assurance standard
 - after the model of EUREPGAP integrated farm assurance standard.
- 2. Salmonid species module
 - Following the value chain for the salmonids from egg to slaughtered fish.



© 2003


Last 12 months

EUREPGAP
www.eurep.org

Part 3: Stakeholders consultations

Several stakeholders have commented and made proposals for the draft

- * NGOs like WWF and others
- * Leading fishfarming companies like Nutreco, Stolt Seafarm and Panfish participated in two workshops in 2004.
- * Other stakeholders like SQS and Certifying bodies
- * Your self



•19. Oct 2004.

EUREPGAP

www.eurep.org

EUREPGAP Integrated Aquaculture Assurance

"Today EurepGAP launched the new EurepGAP Integrated Aquaculture Assurance Standard for the retail and food service market. This new standard provides Aquaculture Farms and retailers with a set of criteria for Good Aquaculture Practices.

The new standard follows the format of other EurepGAP codes, covering the critical areas from record keeping, chemicals/medicines management, worker health and safety and environmental and social issues."

.....
 "The EurepGAP Aquaculture Assurance Standard was developed in cooperation with Ahold NL and Fjord Seafood Pieters jointly with SGS at a first stage, and now also with participation of Stolt Sea Farm, Nutreco, Panfish and Scottish Quality Salmon.



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EUREPGAP

www.eurep.org

EUREPGAP Certified Salmon

- A safe and healthy product
 "From egg to fork"



- Enjoy your meal !



© 2003

IFA – CONFERENCE AMSTERDAM 09. / 10. November 2004

EurepGAP – Integrated Farm Assurance Conference Amsterdam 2004

09. / 10. November

Moving the Poultry Supplier Base towards EurepGAP

FEDERATION OF MIGROS COOPERATIVES, Zurich Switzerland

Johann Züblin

MIGROS _____

1

IFA – CONFERENCE AMSTERDAM 09. / 10. November 2004

Aim:

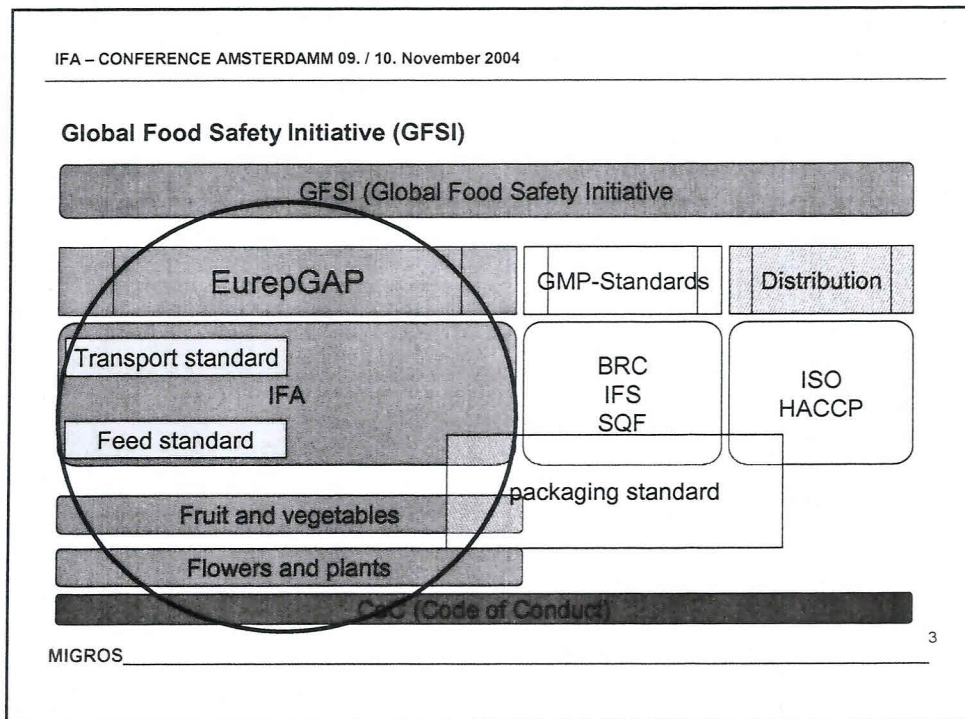
All poultry products are EurepGAP certified until 31. 12. 2006

- ▶ Including fresh poultry meat purchased via platforms and suppliers
- ▶ including processed poultry meat (fresh meat for Ham)

Not included at the moment, poultry meat for convenience products

MIGROS _____

2



IFA – CONFERENCE AMSTERDAM 09. / 10. November 2004

Existing systems

Migros has a highly integrated food Industry

Optigal is the Migros own poultry production unite based in Switzerland

- hatchery (1 unite)
- production (300 affiliated farmers)
- 1 slaughterhouse (Optigal)
- 1 production unite for organic fertiliser (Optisol)

Imports

Europe: D, F, DK, PL, H,

Future: Brazil

MIGROS

4

IFA – CONFERENCE AMSTERDAM 09. / 10. November 2004

Existing Q-systems

Migros own guide lines for food safety in meat and meat products

Swiss production runs under the M 7 – label program and Migros – Bio

Migros guide lines for poultry production for import products

Certification of the transforming industry (GFSI – standards)

MIGROS _____

5

IFA – CONFERENCE AMSTERDAM 09. / 10. November 2004

Problems for import products

Implementation of Migros guide lines is difficult

Efficient controlling is not possible

Migros guide lines are very similar to the EU guide lines

- ➡ Migros alone can not guaranty the safety of the products
- ➡ Migros does not want to accept the situation

MIGROS _____

6

IFA – CONFERENCE AMSTERDAM 09. / 10. November 2004

Implementation

All suppliers of poultry products have been informed about the approach EurepGAP

The M 7 program guidelines have been adapted (level II EurepGAP plus additional Migros conditions)

Defined an external certification for the M 7 program

Active participation of FoodPlus in the

After Amsterdam meeting

all suppliers will be informed about the implementation of EurepGAP poultry production for Migros

Define the organisation in-house for the management

MIGROS

7

IFA – CONFERENCE AMSTERDAM 09. / 10. November 2004

Focus points

- The control and certification bodies are not yet ready
- Big companies do often have their own standards possibility for benchmarking?
- Chain-of-Custody is a major issue, mainly for the transforming industry
- the poultry industry is not yet aware about the EurepGAP standard

MIGROS

8

*Passando per # entocobras (s'interessat la tessera Ricard
ES UN PROBLEMA MAJOR, ES DIFÍCIL.*

IFA – CONFERENCE AMSTERDAM 09. / 10. November 2004

Remarks 1

- Migros will implement the EurepGAP standard for poultry
- EurepGAP will be **THE** GAP standard for Migros

Next products or industries are:

- Fish (2005)
- Dairy (certain products, ex. imported cheese) (?)
- Eggs (?)
- Cattle and pigs (ex. Production not included in label programs)
- Coffee, tea, cacao, etc. (2005 / 2006)
- Combinable crops (?)

MIGROS _____

9

*No en faire + sheep
pour une révolution
de la production de lait.*

IFA – CONFERENCE AMSTERDAM 09. / 10. November 2004

Remarks 2

- Include the Migros Industry and their suppliers of agricultural products
- Include the convenience products
- Include other sectors ex. restaurants

MIGROS _____

10

IFA – CONFERENCE AMSTERDAM 09. / 10. November 2004

Remarks 3

Migros will be using standards where ever possible

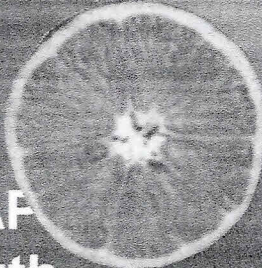

Migros does not develop own standards

Migros is actively participating in developing standards

Other retailers are welcome to join us !!!

MIGROS

11



Experience of EUREPGAP Implementation with South America beef suppliers

Jon Roe
Supplier Performance Manager
(Sainsbury's)

Annie Graham
Livestock System Manager (ABP)

Sainsbury's
making life taste better

Introduction to Sainsbury's

- **J Sainsbury plc is a leading UK food retailer with interests in financial services.**
- **Founded in 1869.**
- **721 retail outlets.**
 - **Comprises supermarkets and convenience stores (Bells and Jackson's Stores)**
- **Employs 150,000 people.**
- **14 million customers served each week.**

Sainsbury's
making life taste better

Mission

- Sainsbury's stands for great quality at affordable prices. Our objective is simple - to serve customers well.
- That means we continually improve our product ranges, develop new offerings and ensure we respect the environment and communities in which we operate.

Sainsbury's
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Sainsbury's quality heritage



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making life taste better

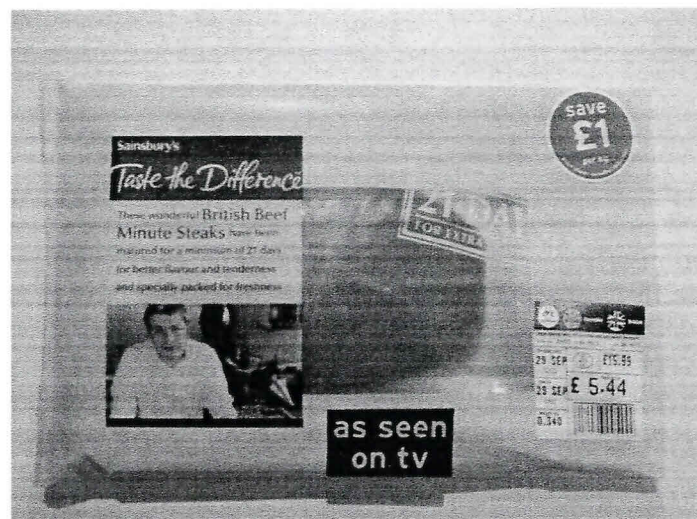


Partnership with ABP

- First supplied Sainsbury's in 1964 with carcass beef.
- Over two decades of experience with Producer Groups.
- Sainsbury's Partnership in Livestock scheme started with farmers supplying cattle for Traditional beef
- Track record of innovation and product development:
 - ☐ Premium (extra matured) *Traditional* beef developed in 1980s
 - ☐ Centrally packed (modified atmosphere) meat launched 1996.
 - ☐ DNA traceability applied to all Traditional cattle from 1999.
 - ☐ Taste the Difference 21 day matured beef launched 2003.
- ABP is Sainsbury's largest red meat supplier.

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making life taste better

Innovation in practice



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making life taste better

Technical Policy for Meat Sourcing

SAINSBURY'S

PRODUCT INTEGRITY AND SAFETY

TECHNICAL POLICY FOR MEAT SOURCING

A sourcing policy for all meats used in Sainsbury's own-brand foods (excluding pet foods)

Sainsbury's				
Reference	Issue Number	Authorised by	Date	Page Number
CD005	3	Gedif Sprengel	November 01	Page 1 of 9

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General requirements for meat supply

- **Supplier approval**
- **Specifications**
- **Traceability**
- **Livestock assurance**
- **Health Marking**
- **Control of Specified Risk Materials**
- **Sourcing of beef**
- **Sourcing of ovine and caprine meat**
- **Mechanically recovered meat (MRM)**

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Specific requirement for suppliers of Sainsbury's pre-packaged and service counter meat

- **Must only come from Sainsbury's visited and approved slaughterhouses and cutting plants.**

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Sainsbury's Partnership in Livestock Scheme

- **The long term sustainable production, processing and supply of high quality product for the consumer in an open working relationship of good communication and co-operation throughout the supply chain.**

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Sainsbury's Agricultural Technical Policies

- Sainsbury's is committed to sourcing all agricultural livestock products, including meat, to the same standards irrespective of country of origin.
- All primary meat must sourced through Partnership in Livestock agreements and in compliance with relevant Sainsbury's Agricultural Technical Policies.
- Agricultural Technical Policies drawn up in conjunction with experts from ADAS.

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Policy scope and content

- Cover all livestock species relevant to Sainsbury's and encompass standard (intensive) and premium ('free range') husbandry methods.
- Issues covered include:
 - general scheme operations
 - introduction
 - origin of stock
 - health and biosecurity
 - nutrition and feedstuffs
 - housing
 - training
 - handling and transport
 - slaughter
 - environmental management

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Application of Sainsbury's Agricultural Technical Policies

- Scale of challenge eg more than 20,000 UK farmers supply livestock for Sainsbury's beef and lamb.
- When Partnership in Livestock started, all had to be inspected by processor personnel.
- As industry farm assurance schemes have evolved, ongoing dialogue has permitted schemes that can demonstrate high compatibility with Sainsbury's Policy to be 'endorsed'.
- 'Premium' standards still require independent farm auditing.

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What red meat livestock schemes have been endorsed?



	Country			
	UK	Eire	Denmark	Holland
Beef	All AFS (Red Tractor) qualifying schemes	Bord Bia		
Pork	All AFS (Red Tractor) qualifying schemes		DBMC UK Contract	IKB + additions
Lamb	All AFS (Red Tractor) qualifying schemes			

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Why Sainsbury's decided to sell 'imported' beef

- Availability of British beef limited. CAP reform will place further restrictions on supply.
- Utilisation issues. Seasonal carcass imbalance as customer demand for steak meat exceeds fore-quarter/roasting cuts.
- To satisfy customer demand for value for money.

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The plan

ACTION	Retailer + Sainsbury's	Supplier + BRC	ADN + Consultant	Processor	Certification Body + EFSA
Evaluate and select countries					
Decide assurance standards to be applied					
Benchmark EUREPGAP Level 2 vs Sainsbury's Agricultural Code of Practice					
Shortlist processors willing and capable of meeting required standards					
Higher Level Certification to BRC Global Standard - Foods					
Supplier evaluation of processor facilities, farm base and supply chain					
Sainsbury's Technologist audit of processors and agricultural assessment					
Corrective action programme					
Product assessment and specifications confirmed					
Audit of farms vs EUREPGAP level 2					
Non-conformance closure					
Certification of selected farms					
Commence supply					
Post implementation review					

Sainsbury's
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The Plan 1

- Evaluate and select countries
- Decide assurance standards to be applied
- Benchmark EUREPGAP Level 2 vs Sainsbury's Agricultural Code of Practice
- Shortlist processors willing and capable of meeting required standards
- Higher Level Certification to BRC Global Standard - Foods

Sainsbury's
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The Plan 2

- Supplier evaluation of processor facilities, farm base and supply chain
- Sainsbury's Technologist audit of processors and agricultural assessment
- Corrective action programme
- Product assessment and specifications confirmed
- Audit of farms vs EUREPGAP level 2
- Non-conformance closure
- Certification of selected farms
- Commence supply

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The Countries – Issues considered

- **Cost and quality**
- **Disease**
- **Traceability**
- **Welfare/National standards**
- **Sector relationships**
- **Processing Technology/Appearance**
- **Standards in Abattoirs**
- **Environmental Degradation**
- **Corporate Social Responsibility**

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The decision

- **Brazil and Argentina identified as providing greatest opportunities.**

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Why did Sainsbury's decide to use the EUREPGAP standard?

- **Sainsbury's success in fresh produce sector – all sources EUREPGAP certified.**
- **No national standards in place and processor reluctance to apply retailer bespoke standard.**
- **Rigorous framework for benchmarking. Opportunity for harmonisation of assurance standards.**
- **Opportunity to influence and improve the standards and their implementation.**
- **Cost effective.**

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Benchmarking Sainsbury's Agricultural Code of Practice vs EUREPGAP and ABM (FABBL)

In depth review of the three standards undertaken in conjunction with experts from ADAS.

Heath Warning : Benchmarking performed against original EUREPGAP Standard which has been subsequently modified.

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Benchmarking results

Contents	EUREP	Key
GENERAL SCHEME OPERATIONS		Absent
INTRODUCTION		Some COP control points not covered
ORIGIN OF STOCK		Compliant
HEALTH AND BIOSECURITY		Exceeds COP
NUTRITION AND FEEDSTUFFS		
HOUSING		
TRAINING		
HANDLING AND TRANSPORT		
SLAUGHTER		
ENVIRONMENTAL MANAGEMENT		
GENERAL		

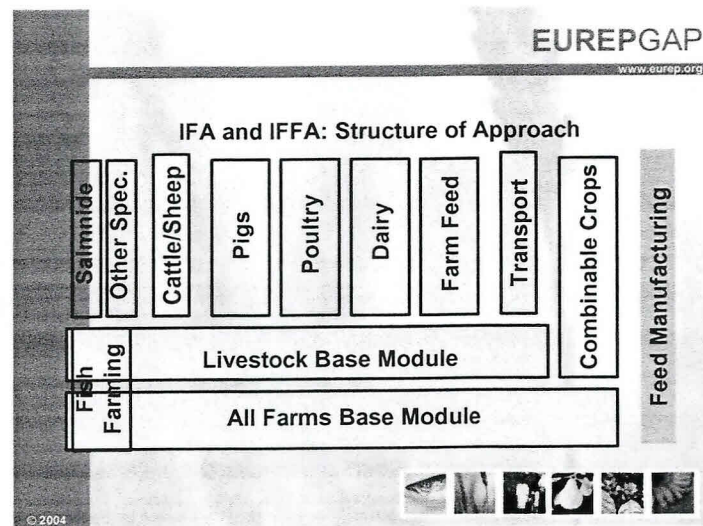
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Conclusion

- **Not perfect but good starting point.**
- **Reinforced importance of participating in EUREPGAP Steering Group to increase compatibility.**

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EUREPGAP INTEGRATED FARM ASSURANCE MODULES



The History

- Ambition to deliver Sainsbury's own label imported beef
- To the equivalent standard of UK farm assurance
- EUREPGAP Level 2 identified as comparable
- EFSIS identified as auditing body
- Key partners identified in South America

Gap Analysis

- Pre-vetting undertaken by ABP in Nov 2003
- To evaluate current farm and factory standards
- To judge the potential for independent auditing
- Farm and Factory considered i.e. whole chain assurance
- Representative factories and farms visited in:

☐ Argentina

☐ Brazil

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Argentina - Processors



1. Processor A
2. Processor B

Part of the same Group

Situated in the Buenos Aires region

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making life taste better

Processor Assessments

Processor A

- slaughtering 900 head of cattle per day
- de-boning approximately half of this
- the remainder shipped to their sister plant

Processor B

- slaughters 2000 head of cattle per day
- de-bones approximately 4,500 fore and hindquarters

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Processor Assessment

- Hygiene standards were generally good
- Equipment and fabric was to a high standard
- Carcass quality and consistency was high
- Animal welfare standards were very high
- Prepared to apply Sainsbury's specification to enhance eating quality eg hip suspension

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Argentina - Farm Assessment



- Generally family run breeder/finishing units
- Main breeds Angus & Hereford
 - Animals slaughtered at 24 months
 - Average weight 260 – 280 kg
 - Animal welfare standards very high
- Enhanced by extensive, outdoor production methods

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Brazil - Processors



1. Processor C
situated in the
Mato Grosso Do Sul region
2. Processor D
situated in the
Sao Paulo region

Sainsbury's
making life taste better

Processor Assessments

Processor C

- slaughtering 930 head of cattle per day
- de-boning all product on site

Processor D

- slaughtering 930 head of cattle per day
- de-boning all on site
- approved for EU export

Sainsbury's
making life taste better

Processor Assessments

- Hygiene standards were generally good
- Equipment and fabric was good
- Animal welfare standards were high
- Both plants have achieved BRC Higher Level
- Prepared to apply Sainsbury's specification to enhance eating quality eg hip suspension

Sainsbury's
making life taste better

Brazil - Farm Assessment

- Large scale businesses, corporately owned
- Visit to breeder farm and feed lot
- Main breeds Nelore
20% of national herd crossbred with beef breeds
Animals slaughtered at 36 months
Average weight 240 – 280 kg
- Animal welfare standards good

Sainsbury's
making life taste better

Farm Non-Conformances

- Selection of breeder / finishing units imperative to ensure traceability and lifetime farm assurance (Level 2)
- Predominantly Farm Module 1
- No recognised transport assurance scheme
- No recognised feedstuffs assurance scheme
- Lack of local legislation

Sainsbury's
making life taste better

Farm Non-Conformances

- 2.1 Record keeping
 - Health & Safety / Training
 - Plans & inventories
- 2.2 Chemical Storage
- 2.3 Medicine Storage
- 2.4 Feedstuffs
- 2.5 Transport

All could be rectified with documentary evidence

Sainsbury's
making life taste better

Issues with the EUREPGAP standard

- Transport module undeliverable
- Some of the standard is 'Not Applicable' which was not an option for inspectors
- Due to the natural system of production:
 - Livestock Housing
 - Feedstuffs are often not applicable
- Lack of local legislation
- Translation of standards

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The Results

- All partnering factories BRC Higher Level
- 8 farms certified in Argentina
- 5 farms certified in Brazil
- Argentina rolling out to further 15 farms
- Brazil rolling project out to further 15 farms

Sainsbury's
making life taste better

Conclusion

- EUREPGAP is a viable means of assuring livestock in South America.
- Local Certification Body resource currently limited but expanding.
- The standard is sound but needs to be modified in some areas.
- Distinct benefits in retailers standardising their agricultural assurance requirements by reference to EUREPGAP/benchmarked equivalent.

Sainsbury's
making life taste better

How does EurepGAP fit into the McDonald's Quality Standard?

Dr. Reinhard Kaepfel

Head of Quality Assurance - McDonald's Europe

Amsterdam, 9 November 2004

EUREPGAP



McDonald's and Agriculture

- How do we fit together?
- beginning and end of chain
- a long way between the green fields & the Golden Arches
- difficult for both to always keep the needs of the other in mind

EUREPGAP



McDonald's ...



EUREPGAP



McDonald's

- Global leader for Quick Service Restaurants
- very strong BRAND
- directly linked to the consumer
- serving 47 million customers every day world wide, over 10 million in Europe
- 1.5 million employees system wide



EUREPGAP



2003 results



- Sales
 - Franchised and affiliated sales \$ 33.137
 - Company-operated sales \$ 12.795
 - Total system wide sales \$ 45.932
- Restaurants
 - USA 13.609
 - Canada 1.339
 - Europe 6.186
 - Japan, Asia Pacific, Middle East 7.475
 - Latin America 1.578
 - Partner Brands (Boston Market, Chipotle) 942
 - Total system wide restaurants 31.129

EUREPGAP



2003 volumes Europe



- Large quantities of agricultural products used last year (ca.):
 - 150.000 tons beef
 - 100.000 tons chicken
 - 120.000 tons wheat
 - 1.000.000 tons potatoes
 - 80.000 tons produce

EUREPGAP



Agriculture



- Very decentralised, millions of individual farmers
- going through many changes:
 - technical: high yield production methods, new growing areas for same crop, many more new varieties, GMOs, etc.
 - political, social and financial: subsidies, WTO, CAP, etc.

EUREPGAP



Agriculture



- Social changes re income and image
- many food scandals were related to agriculture and feed
- agricultural practices in focus of media interest, see animal welfare
- paradigm shift in process:
 - from looking at the next in the chain to having the final consumer in mind

EUREPGAP



McDonald's and Agriculture

- Common link is the final customer - the BOSS !
- everybody along the chain must have this focus
- we have a large base of farmers producing our raw materials (over 500.000 just for beef)
- must follow common quality systems



EUREPGAP



McDonald's Quality Standard

- How can agricultural quality systems be part of the Quality Standard of a restaurant chain?
- our founder gave us the direction: "Quality, Service, Cleanliness & Value"
- evolution over the years, going up the chain
- working with our direct suppliers as partners



EUREPGAP



McDonald's Quality Standard

- Ensuring that our customers consistently get safe and high quality food, in compliance with legislation
- proactive quality and food safety systems along the complete chain
- applying principles of risk assessment, management and communication
- validating system and verifying function

EUREPGAP



McDonald's Quality Standard

- Besides the basics, today's consumers want more:
- full transparency of what is in the products, and full traceability of products history
- this includes to make sure that origin and production are aligned with high ethical and environmental standards

EUREPGAP



McDonald's Quality Standard

- Logically, the standard was expanded to include agricultural production
- started our McDonald's Agricultural Assurance Programme (MAAP) in 2001
- original goals were
 - to improve agricultural production of raw materials used in our products,
 - to fully include food safety & quality systems right from the beginning

EUREPGAP



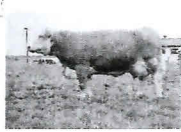
MAAP



- MAAP is more than a quality system for agricultural production, or about having more influence on primary SC
- it gives us the opportunity to support sustainable agriculture
- to ensure ethically acceptable growing conditions for animals and crops
- to demonstrate social responsibility

EUREPGAP





MAAP



- MAAP is our internal reference
- screening existing quality schemes for coverage of our requirements
- increasing % of raw materials from compatible schemes over time
- working with scheme owners to increase common areas with MAAP

EUREPGAP



Standards for Agriculture



- Standards must be clear and transparent, for users to follow and to communicate, in order to build customer confidence
- verification through audits by credible third party is required
- long term view must be applied, with opportunity for training and improvement
- all above covered with IFA standard

EUREPGAP



EurepGAP & MAAP

- IFA is very compatible with our internal MAAP standards
- therefore, we welcome the Integrated Farm Assurance Standard for livestock and combinable crops
- we are supporting to make IFA the reference standard for benchmarking
- differences with existing national schemes need to be made transparent

EUREPGAP



EurepGAP & MAAP

- MAAP standards are in 3 levels
 - 1. legal requirement
 - 2. required McDonald's target
 - 3. future requirements
- when screening other schemes, we compare with 1 + 2
- similarly structured like IFA requirements

EUREPGAP



EurepGAP & MAAP

- EurepGAP and IFA belong to the preferred schemes/standards for our raw material sources
- as a result, we see more supplies coming from EurepGAP approved sources
- need multilateral recognition of standards and alignment of interpretation what compliance means

EUREPGAP



EurepGAP & MAAP

- EurepGAP guidelines for accreditation are role model
- many certification bodies accredited for IFA standard
- will include important module on feed
- future goals are included in the IFA standard, the objective of supporting a sustainable agriculture must be visible

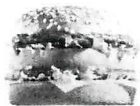
EUREPGAP



Changes at McDonald's

- Our customers want more choice
- more new products needed, however, there needs to be a strategy
- want to remain best in class in the hamburger category, but need to open up ... with a new concept:

EUREPGAP



More choice - Salads Plus

VITALITY

TASTE

CHOICE

salads
plus

EUREPGAP



Why more choice is needed

- Improve perception about **nutritional quality** of McDonald's food
- address the growing 'fat' & 'obesity' issues' - doing 'the right thing'
- give people 'permission' to come to us more often
- strengthen leadership position

EUREPGAP



More choice

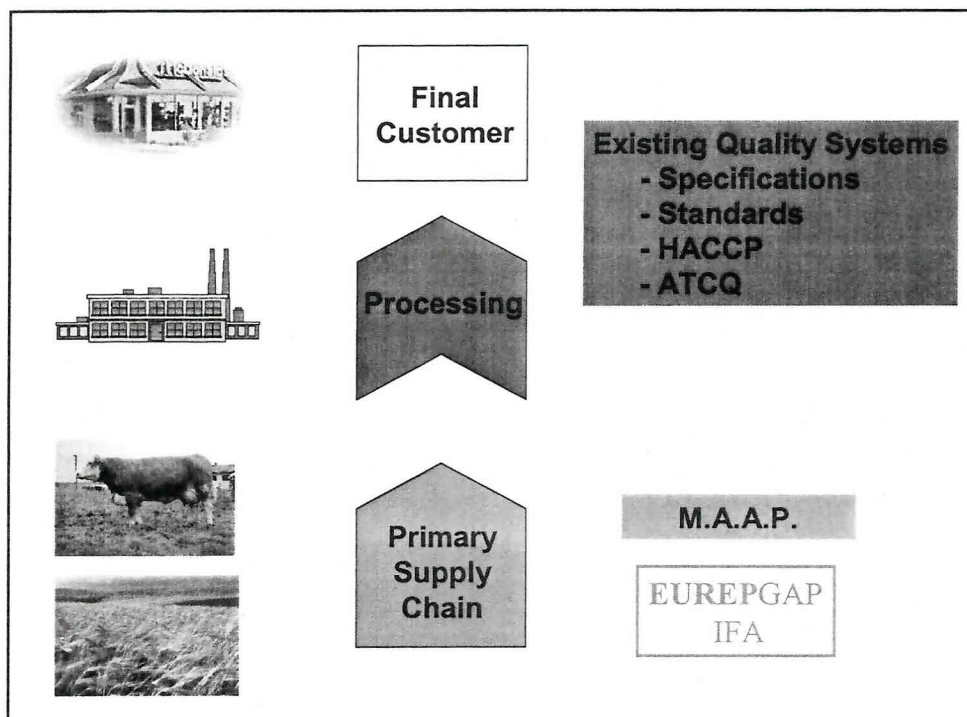
EUREPGAP



Future wishes

- To have less audits per producing unit
- harmonising, combining audits
- promote IFA as strong audit standard, as model for pre-farm gate area
- covering general objectives of social accountability
- recommendations for sustainable agriculture changing into requirements

EUREPGAP





Thanks EurepGAP

&

Thanks for your attention!

EUREPGAP

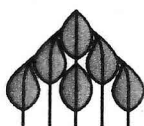


Food safety certification schemes arable crops

The Netherlands (NL)

dr. ir. A. Dewi Hartkamp
Product Boards Arable Products
Product Board GSP

ir. Irma Schönherr
Q-point BV



Hartkamp EurepGAPIFA 101104

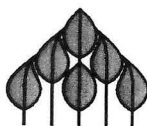
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Food safety certification schemes arable crops

The Netherlands (NL)

Part 1:

dr. ir. A. Dewi Hartkamp
Product Boards Arable Products
Product Board GSP



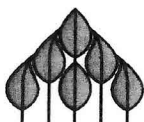
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2

Product Boards Arable Products

Characteristics

- decentralisation → self-regulation
- under public law: Statutory Trade Organisations / Public Regulatory Bodies
- established by farmer, trade, industry
- employers and employees
- implementation CAP regulations
- autonomous tasks (info, food safety, quality, collective projects: research, working conditions)

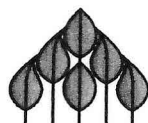


Hartkamp EurepGAPIFA 101104

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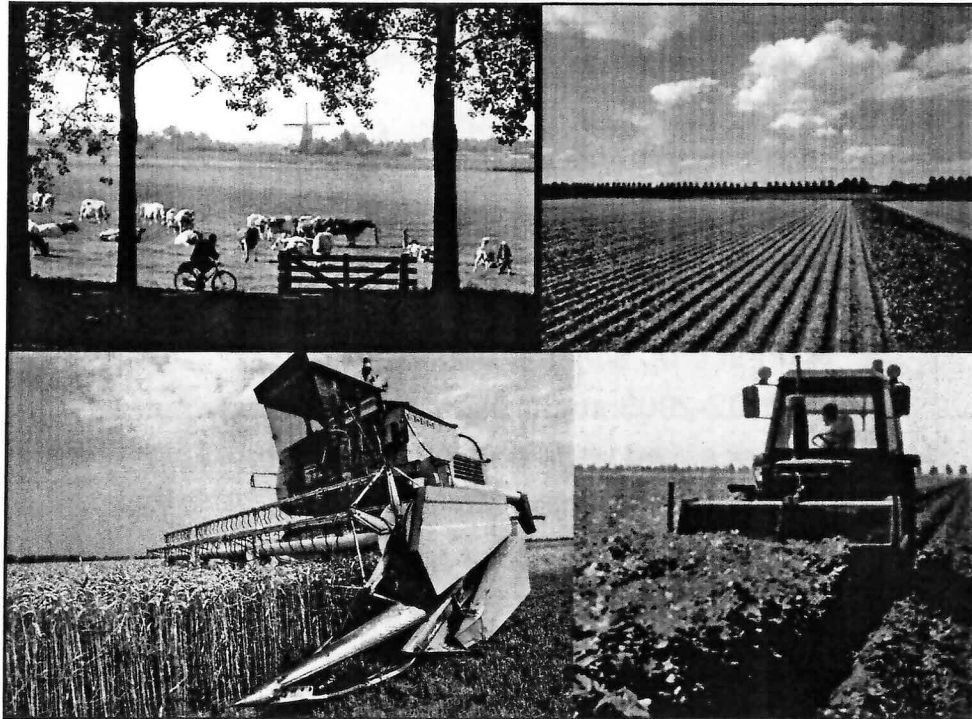
Product Boards Arable Products

- Main Board Arable Products
 - Committee on Potatoes
 - Committee on Coffee and Tea
 - Committee on Flax
 - Committee on Arable Affairs
- Product Board Grains, Seeds and Pulses
- Product Board Animal Feed
- Product Board Wine



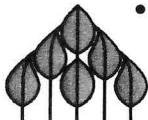
Hartkamp EurepGAPIFA 101104

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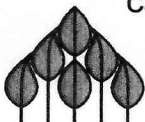
Arable Crop Sector NL

- 2 million ha under cultivation (60%)
1 m ha grassland; 0.8 m ha arable crops
- Potatoes, grains, sugar beets
- 25 000 Enterprises
production, trade, processing
16 b €; added value 5,5 b €; export 5,8 b €
- Long production chains
- Strong feed sector by-products



History FSCS arable crops NL

- Bottom-up initiative: farm quality assurance 1997
Uniform recording, agricultural regulations; first certificate: 1999
- HACCP arable crop farms 2001
- First crop scheme potatoes 2002
2002-2003 sugar beets, grains/seeds/pulses
processed vegetables, feed GMP
- Whole production chain
- Scope: HACCP based, food safety, hygiene, calamities, uniform registration, regulation



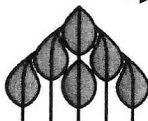
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7

Implementation

Crop	Goal	Status 2004
Potatoes (chips..)	100% harvest 2003	100%
Potatoes (starch)	100% harvest 2005	65%
Sugar beets CSM	100% harvest 2003	100%
Sugar beets COSUN	100% harvest 2005	85%
Grains/seeds/pulses	100% harvest 2005	15-20%
Proces Vegetables	100% harvest 2005	100%
GMP feed PS	100% harvest 2006	

→ Awareness developed in early stage
Certification process in full progress



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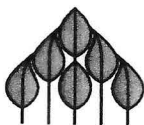
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Activities and developments

- FSCS arable crops consultation group
- Regulation
 - General Food Law 178/2002/EG ao 2005
 - Integrated crop protection ao 2005
 - Food Hygiene 2004/852/EG ao 2006

Harmonisation

- Towards 1 FSCS scheme NL
- GFSI / EurepGAP IFA (farm+CC)
 - Member; active in technical committee
 - Primary focus to ensure food safety in IFA

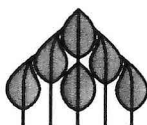


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FSCS and EurepGAP IFA

- Content matter minimal
 - FSCS food safety, hygiene, regulation
 - EurepGAP IFA food safety, hygiene, welfare, working conditions, environment
 - Relevancy Netherlands, regulation
- Audit structure and certification
 - FSCS all required; EN45004, 1 or 3 years
 - EurepGAP IFA % conformity; EN45011; PMO; yearly



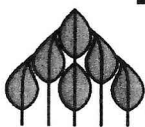
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10

Part 1: Conclusions and future

- NL: awareness+certification FS advanced stage
- FSCS or EurepGAP IFA?
 - production chains
 - market demand } place for both !
- GFSI 'Certified once accepted everywhere'
- EurepGAP IFA as GFSI standard
- Benchmark FSCS - EurepGAP IFA

→ Part 2: The case of potatoes...





"Food safety certification systems for arable crops in the Netherlands". Part 2: The case of potatoes

Irma Schönherr, Q-point (The Netherlands)

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1



Programme

- Potato growing for processing
- The food safety certificate for potato processing
- Why an interest in EUREPGAP?
- Benchmark results with EUREPGAP IFA

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2

Q-Point:



Mission and Products

- Q-Point is an independent advisory organisation, specialised in food safety, traceability, marketing and quality systems in agri-business
- Customers: growers, suppliers, traders packers, supermarkets, government, product boards
- HACCP, ISO 9000, BRC, IFS, EUREPGAP, QS

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Q-Point and EUREPGAP



- EUREPGAP associate member
- TSC-meetings EUREPGAP Fruits and Vegetables and review in 2003
- TSC EUREPGAP IFA for All farm and Combinable Crops modules
- NL national platform Fruits and Vegetables and IFA
- Benchmarking food safety certificate potato processing certificate with EUREPGAP and GFSI

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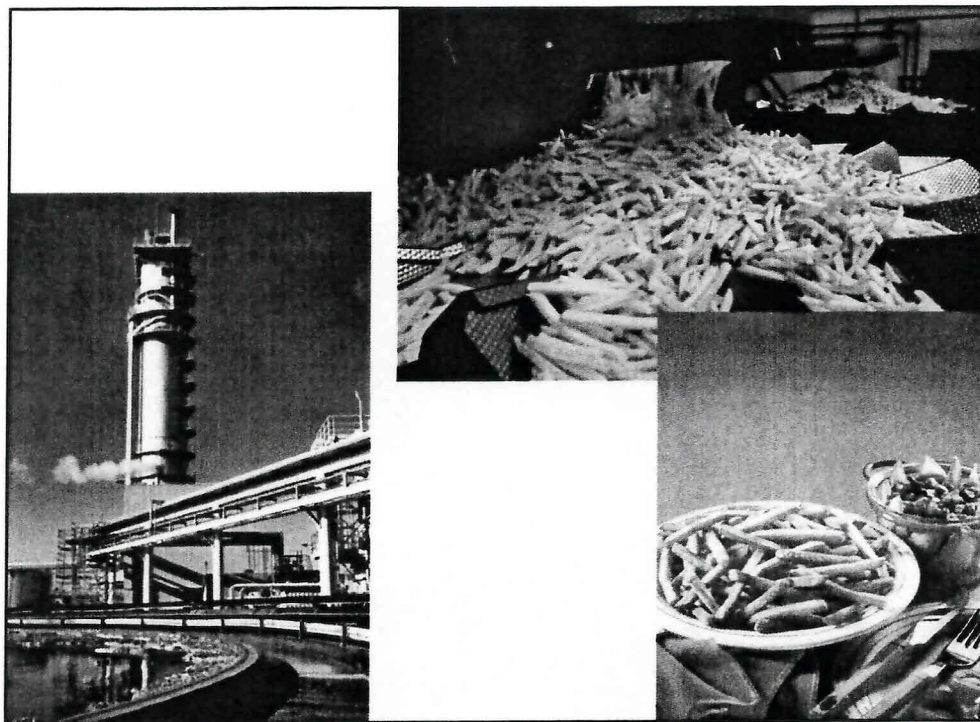


Potato processing

- A Dutch base; about 12 processors
- 3 million tons potatoes/year
- Export oriented business: 90% abroad
- In NL: 50% of potatoes into processing
- International sourcing: growers in NL/B/Fr/Germany

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VVA/food safety certificate

- History: started in 2001
- Based on risk analysis (Codex)
- 2004: 95%, 2005: 100%
- 2005: adjusted to EUREPGAP and General Food Law

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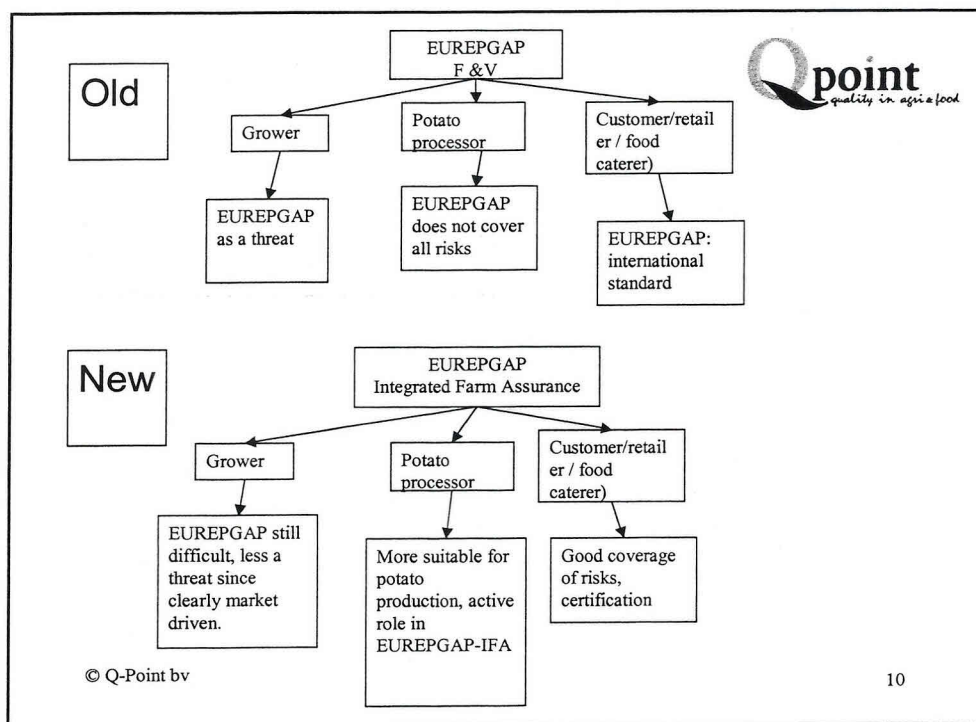
Benchmark results VVA- EUREPGAP IFA



- VVA covers 80% of EUREPGAP, in 2005 more
- Differences:
 - Scope!
 - Training and safety workers
 - Waste management
 - Storage pesticides/fertilizers
 - Cleaning records
- But: in NL many criteria already in legislation
- VVA+: compost, storage: cooling equipment, thermometers, pets/birds

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Important retail/food service members for potato processing



METRO Group



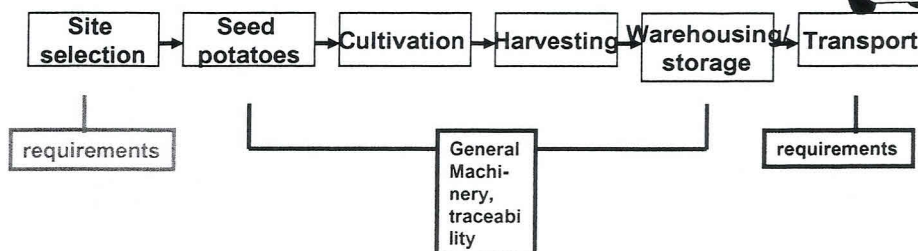
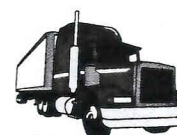
McDonald's Europe



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Risks related to processes



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Auditing and monitoring process



- Inspection (EN 45004) by independent inspection bodies
- 1,1 physical inspection, 1 documentary inspection (crop records)
- Residue monitoring (15% of growers)
- Crop records to be sent to IB by grower

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Bottlenecks EUREPGAP



- Acceptance/motivation of arable growers
- Costs of certification
- Administrative "burden"
- Really based on risk assessment?

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Conclusion

Implementation of food safety standard
for growers:

- Requires a period for acceptance
- Communication to growers needed
- Equivalence to EUREPGAP is possible

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15



Information

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16

Implementation of the Quality Assurance System „EurepGAP IFA Dairy“

Results of a Dairy Pilot Audit in Bavaria, Germany



— Bayer, Landesanstalt für Landwirtschaft —

Results of a Dairy Pilot Audit in Bavaria

Anton Kreitmeir

The organization

Bayerische Landesanstalt für Landwirtschaft



Bavarian State Research Center for Agriculture,
Department for Quality Assurance and –Management in
Agriculture and Food Economy



— Bayer, Landesanstalt für Landwirtschaft —

Results of a Dairy Pilot Audit in Bavaria**Anton Kreitmeir**

The pilot facility

Achselschwang

Bavarian training-, testing- and knowledgecenter
for livestock husbandry
in dairy and cattle production on grassland



— LfL — Bayer. Landesanstalt für Landwirtschaft —

Results of a Dairy Pilot Audit in Bavaria**Anton Kreitmeir**

The project

- 56.000 dairy farms with 1.300.000 dairy-cows in Bavaria
- Milk is the major branch of production in Bavaria (28% of the production value of all in Bavarian farms)
- 25 % of Bavarian dairy-farms already join QM-Milch (up to 50 % estimated in 2005)
- 14.000 farms join Q&S (Qualität und Sicherheit - Rindfleisch) and GQ (Geprüfte Qualität – Bayern bei Rindfleisch)



— LfL — Bayer. Landesanstalt für Landwirtschaft —

Results of a Dairy Pilot Audit in Bavaria**Anton Kreitmeir****Operation breakdown**

1. Presentation of modules 1, 3 and 9 to the responsible farm manager
2. Discussion about criterias between our department and the responsables for livestock husbandry (Mr. R. Höfler) and safety (Mr. G. Gretz)
3. Pre-Audit by our department with afterwards identification of major issues together with the management
4. Consultance on the major issues by the department
5. Collaborative discussion and review on specific and unsolved problems with Dr. K. Möller
6. Next step is an certification-audit by a cb within the next 4 months

**LfL**

- Bayer. Landesanstalt für Landwirtschaft

Ernährungswirtschaft

Results of a Dairy Pilot Audit in Bavaria**Anton Kreitmeir****Major issues spotted in the pre-audit**

- Staff-trainings on health, safety and hygiene on food and work are not implemented yet
- Documentations (VHP, health, safety and hygiene, written risk assessment, ...) are not carried out yet or only managed fractional
- Missing things according to the issues above:
 - warning signs at hot spots (safety, hygiene, health, staff welfare)
 - health and safety guides
 - manufacturers data sheets
 - contingency plan (loss of power, water, ...)
 - staff training and training records
 - field documentation
 - documentation about maintenance and calibration from machines for chemical substances

**LfL**

- Bayer. Landesanstalt für Landwirtschaft

Ernährungswirtschaft

Results of a Dairy Pilot Audit in Bavaria

Anton Kreitmeir

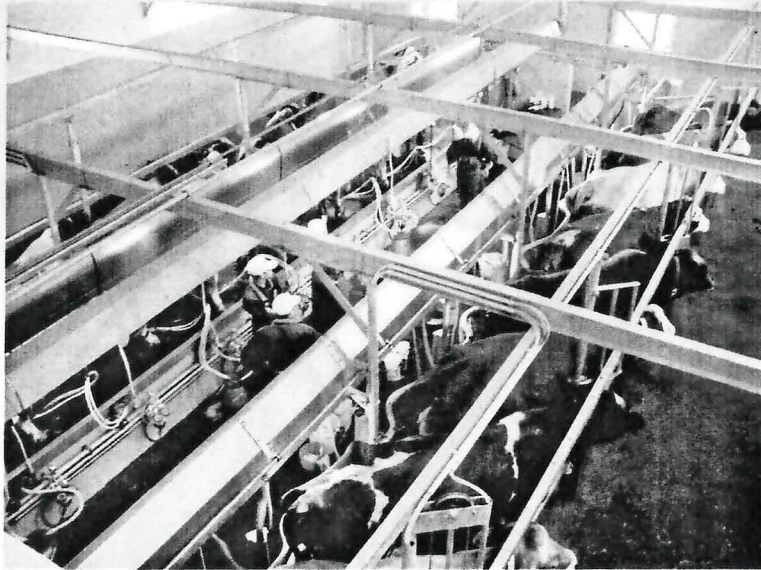
Solutions

- Safety training will be held in cooperation with consultancy from the agricultural accident prevention & insurance association
- Written risk assessment will be created in cooperation with an engineering consultant
- Food safety and hygiene records and instructions are getting enlarged according to new laws (traceability!) The responsible persons will hold employee trainings at regular intervals (1/2 hour weekly during off-harvesting-time)
- Other records have to be built up
 - e.g. manufacturers data sheets, calibration records, extended field documentation

The new stable (visitors wearing in-house hygiene protective clothing)

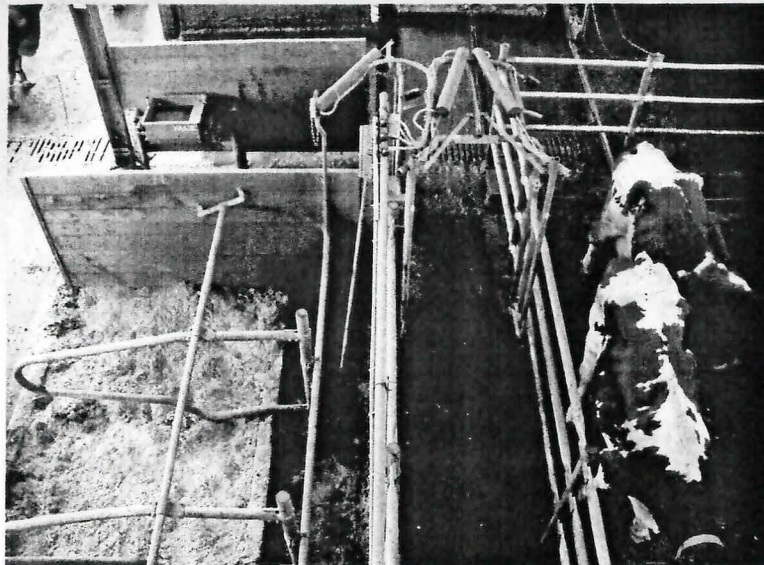


Milking parlour and students (with in-house hygiene protective clothing)



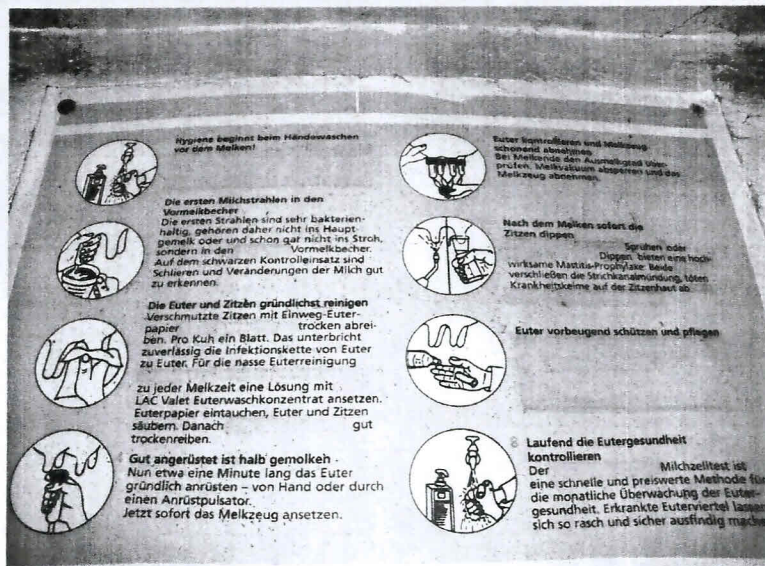
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Ernährungswirtschaft

Electronic separation gates with compartments (illness, insemination)

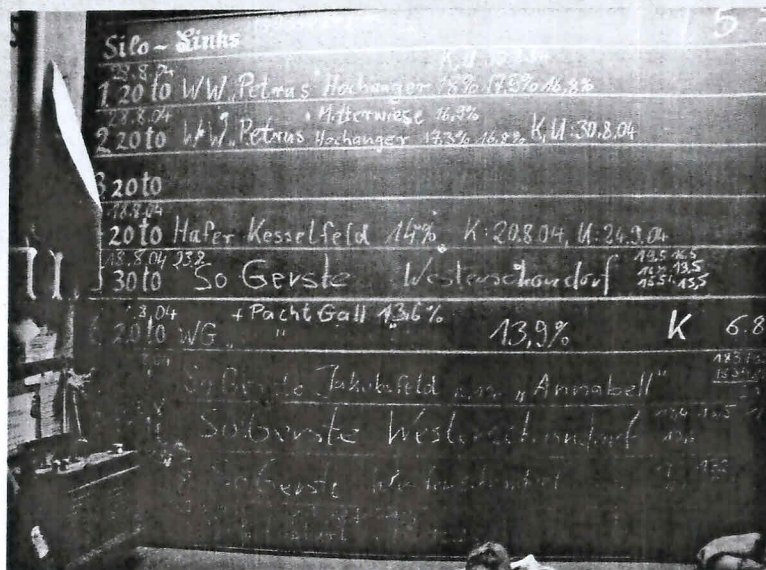


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Ernährungswirtschaft

Hygiene instructions in front of the milking parlour (students learn to milk)



Grain silo management (traceability, records about field, amount, values)



Results of a Dairy Pilot Audit in Bavaria**Anton Kreitmeir****Outstanding Questions:**

- Very large documentation, especially for family farms (typical in bavaria)
- Fractional a hard understandability (based on translation – these problems will be solved by-and-by)
- Rather high costs compared to the present situation (dairy companies ask for QM-Milch, which is not certificable but with audits every three years, costs taken over by dairy companies)
- Many farms already join QM-Milch, Q&S, GQ – Bayern and in case of mixed farming for example EurepGAP potatoes and/or regional market programs – the need of harmonization to economize costs is at an all time high

Results of a Dairy Pilot Audit in Bavaria**Anton Kreitmeir****What is extra helpfully – a practitioner's valuation**

- Staff training to improve work quality and working conditions
- Records about machinery service and calibration
- Systematisation of quality management
- Documentation might be helpful for new standards (new legislation)
- The total-farm-view can help to get better contexts between livestock, tillage, food-safety and staff-health

Results of a Dairy Pilot Audit in Bavaria

Anton Kreitmeir

Conclusion

- Need of harmonization at least on the level of certification to economize costs
- Harmonization also on the level of documentation to economize efforts on working time (especially in – Bavarian typical - family farms)
- Need of preprints to ease and lighten documentation (perhaps from the CB themselves)
- IFA-documents have to get easier to understand (will solve by-and-by)
- Overall many issues can be helpful instruments for practitioners



Bayer. Landesanstalt für Landwirtschaft

Results of a Dairy Pilot Audit in Bavaria

Anton Kreitmeir

Forecast

- Our department works on a detailed comparison between QM-Milch and EurepGAP IFA Dairy
- We plan to implement IFA Dairy in 10 Bavarian family-farms to get solutions for this typical farms
- Further we are part of a German working group about a total farm documentation system including documentations and criterias of all relevant quality system



Bayer. Landesanstalt für Landwirtschaft

Results of a Dairy Pilot Audit in Bavaria

Anton Kreitmeir

Advance notice:

first market forum

**„quality assurance and –management
in agriculture and food economy -
from variety to one scheme“**

Landshut, Germany, 25th November 2004

Bavarian State Research Center for Agriculture,
Institute for Food-Economy and Market,
www.lfl.bayern.de



— LFL — Bayer. Landesanstalt für Landwirtschaft —



Bayer CropScience

Reduction of mycotoxins in cereals through an Integrated Crop Management approach

Dr. Alfons Sagenmüller

EUREPGAP – Integrated Farm Assurance Conference
Amsterdam, The Netherlands
November 9th - 10th 2004

• Slide 1

Content

What is Fusarium

What does Fusarium affect

What are Mycotoxins

What can be done in the field - ICM

How can Bayer CropScience help

Conclusions

Presentation • November 9, 2004 • Slide 2



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1 - What is Fusarium

General characteristics

Fusarium head blight: an important disease

- most prominent on cereals
- A complex of several fungal pathogens
- Can damage different parts of the plant such as the seeds, leaves and ears
- With a long period of potential infection
- Can produce mycotoxins

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 Bayer CropScience

1 - What is Fusarium

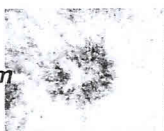
Fungal species associated with Fusarium head blight

Mycotoxin producers

Fusarium graminearum



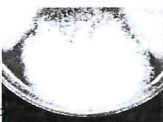
Fusarium culmorum



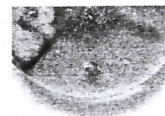
Fusarium avenaceum



Fusarium poae



Microdochium nivale



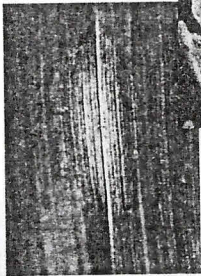

Non - mycotoxin producer

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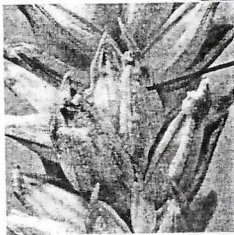
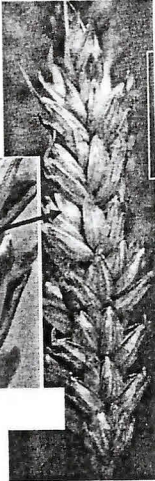
Presentation • November 9, 2004 • Slide 4

1 - What is Fusarium

Symptoms in wheat


*Microdochium
nivale*
- ear -

*Fusarium
graminearum*
- ear -

*Microdochium
nivale*
- leaf -

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 Bayer CropScience

1 - What is Fusarium

Important factors influencing infection

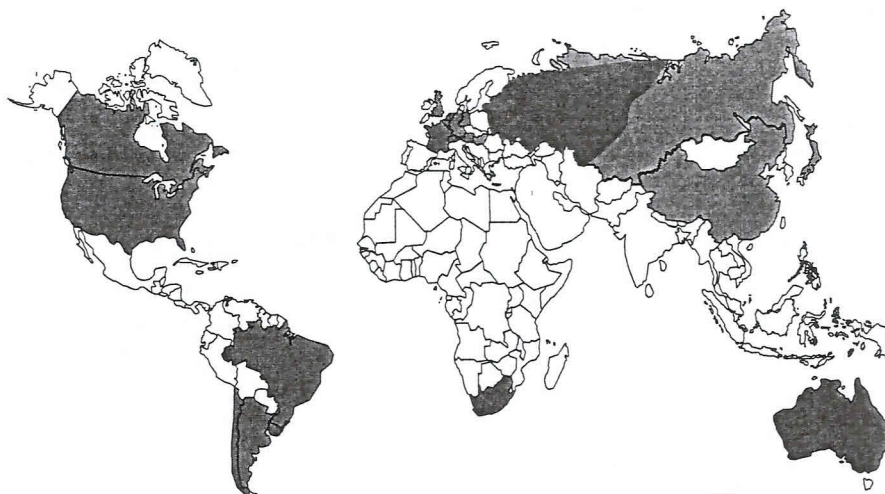
- Humidity and temperature
- Rain at flowering stage
- Disease pressure

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 Bayer CropScience

1- What is Fusarium

Worldwide occurrence

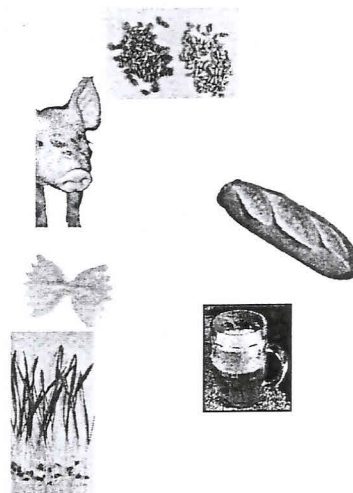


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 Bayer CropScience

2 - What does Fusarium affect

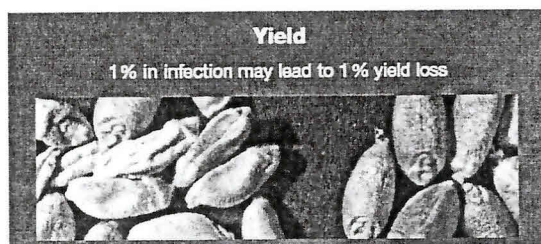
- ⇒ yield and grain weight
- ⇒ food & feed quality
- ⇒ baking performance
- ⇒ pasta-cooking quality
- ⇒ malting and brewing performance
- ⇒ seed germination



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2 – What does Fusarium affect



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3 - Mycotoxins

Fusarium species	Mycotoxins
"Fusarium" <i>Microdochium nivale</i>	none
<i>Fusarium graminearum</i>	Deoxynivalenol (DON), Nivalenol (NIV), Zearalenon (ZON)
<i>Fusarium culmorum</i>	Deoxynivalenol (DON), Nivalenol (NIV), Zearalenon (ZON)
<i>Fusarium avenaceum</i>	Moniliformin
<i>Fusarium poae</i>	T-2-Toxin and derivatives, Nivalenol (NIV)
<i>Fusarium sporotrichoides</i>	T-2-Toxin and derivatives

Mycotoxins are metabolic products of fungi with known adverse effect

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3 - Mycotoxins *Regulatory aspects*

❖ New regulation on mycotoxin concentrations in Germany* as DON in µg/kg or ppb

- in wheat max 500
- in bakery: max 350
- in baby food : max 100

* valid since Feb 13, 2004. Transitional phase until Sep, 1st, 2005

❖ Regulation in Europe expected for 2005/6

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3 – Mycotoxins *Issues*

- Establishment of maximum levels on European level
- Assessment of contamination in grain
- Storage, blending and traceability
- Allocation of costs

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Content

1 What is Fusarium

2 What does Fusarium affect

3 What are Mycotoxins

4 What can be done in the field - ICM

Presentation • November 9, 2004 • Slide 13



Reducing the problems through ICM (Integrated Crop Management)

location

crop
rotation

variety

soil
preparation

sowing
date

fertilizer

IPM

growth
regulator

harvest
date

storage

Being in line with EUREPGAP® principles;

EUREPGAP is a means of incorporating Integrated Pest Management (IPM) and Integrated Crop Management (ICM) practices within the framework of commercial agricultural production.

Adoption of IPM/ICM is regarded by EUREPGAP members as essential for the long-term improvement and sustainability of agricultural production.

• Slide 14

4 – What can be done in the field

Main influences of agricultural practice on ear fusarioses

- **crop rotation and soil cultivation / tillage** - > (EUREPGAP CCM *section 8.2.)
- **choice of varieties:** - > EUREPGAP CCM *section 8.1.
- **N-fertilisation** - > EUREPGAP CCM *section 8.3.
- **fungicidal application** - > EUREPGAP CCM *section 8.6.

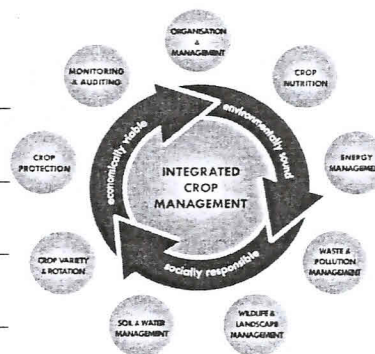
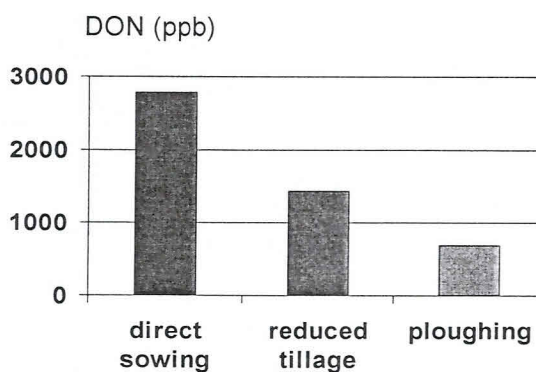
*Combinable crops module draft 2005

Presentation • November 9, 2004 • Slide 15



4 - What can be done in the field

Influence of soil preparation on mycotoxin levels in wheat

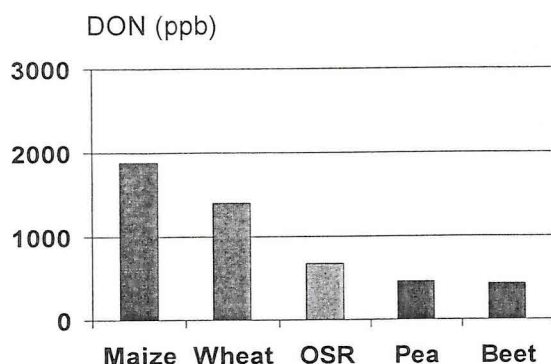


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4- What can be done in the field

Influence of crop rotation on mycotoxin levels in wheat



....Crops preceding wheat



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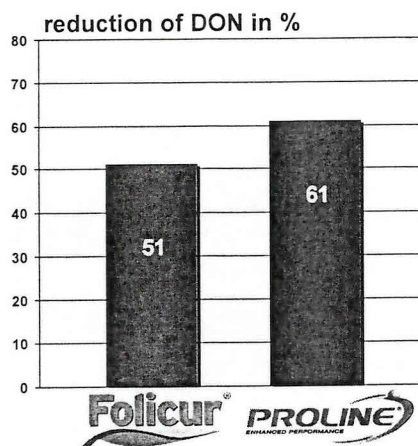
5 - How can Bayer CropScience help

Efficacy against Fusarium head blight in wheat

UK, France and Germany, 1999 – 2002
(18 trials)



Untreated

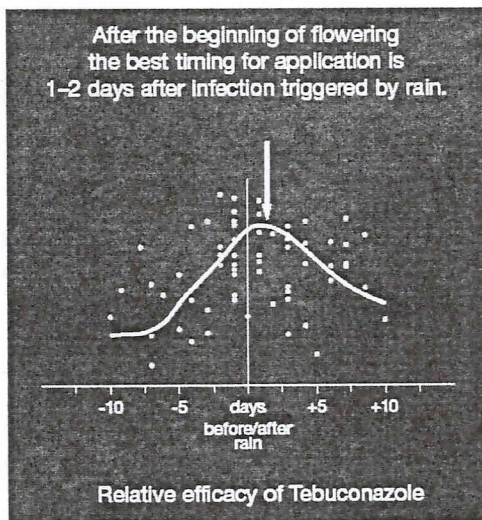


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5 – How can Bayer CropScience help

Timing of application



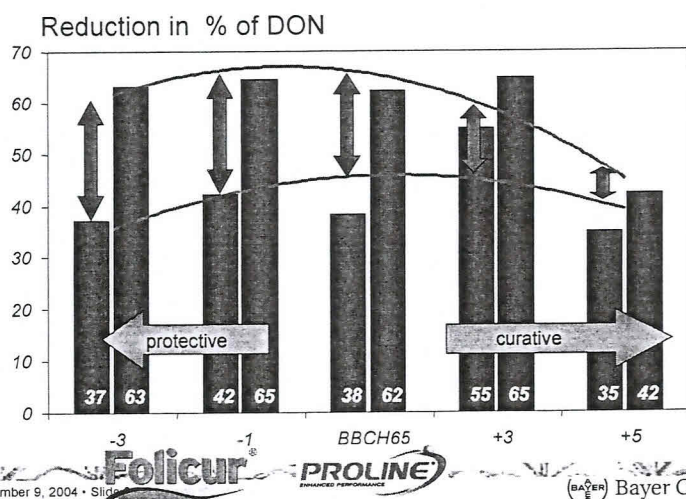
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5 - How can Bayer CropScience help

Folicur and Proline efficacy against Fusarium in wheat

Artificial infection (without fungicide = 5443 µg/kg DON)




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6 - Conclusions

- The occurrence of Fusarium head blight can be reduced through an ICM approach
 - to a large extent through crop rotation, variety choice, adequate soil preparation
- Fungicide treatment is part of the solution in an IPM approach taking into account
 - Good prognosis
 - Appropriate timing of application
 - Appropriate application technique

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6 – Conclusion

- Fungicides, especially Proline and Folicur control all important Fusarium species
- Mycotoxin contamination can be reduced by 50 - 60 % in average

PROLINE
ENHANCED PERFORMANCE

Folicur[®]

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Bayer CropScience

Your Partner for Growth

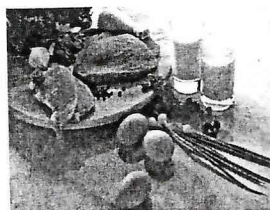
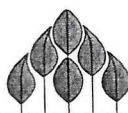
Thank you very much for your kind attention.

• Slide 23

Interfaces between Feed and Food Safety Assurance

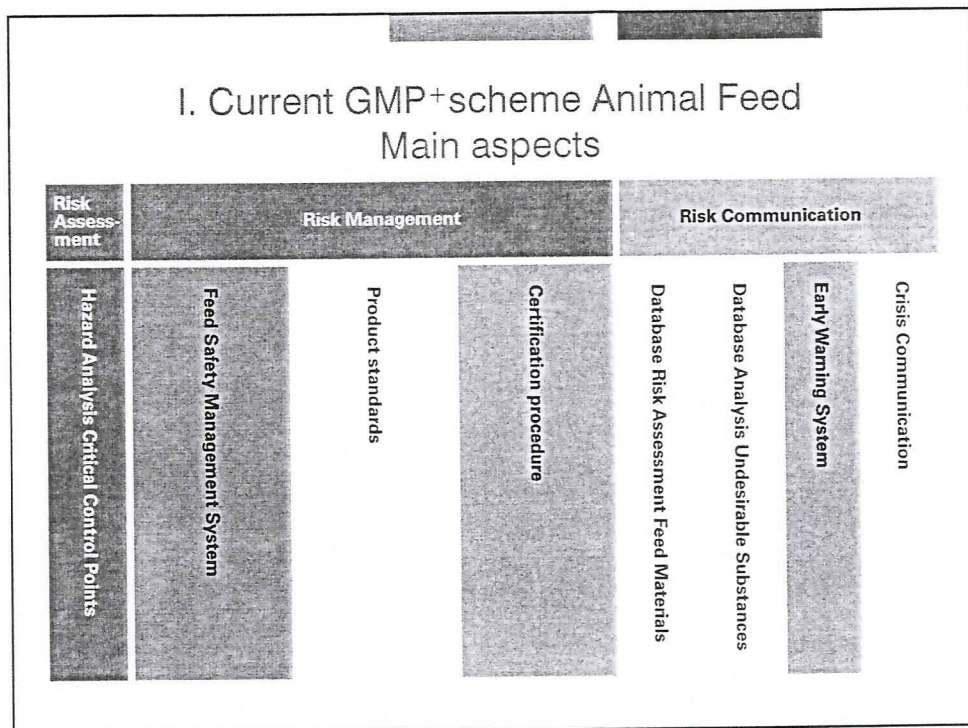
Product Board Animal Feed, The Netherlands
Johan den Hartog | *Secretary-General*

EUREPGAP Conference
Amsterdam, November 2004




Content

- I. Current GMP+ scheme Animal Feed
- II. International developments Feed & Food
Safety Assurance
- III. Possible interconnections GMP+ and
EUREPGAP



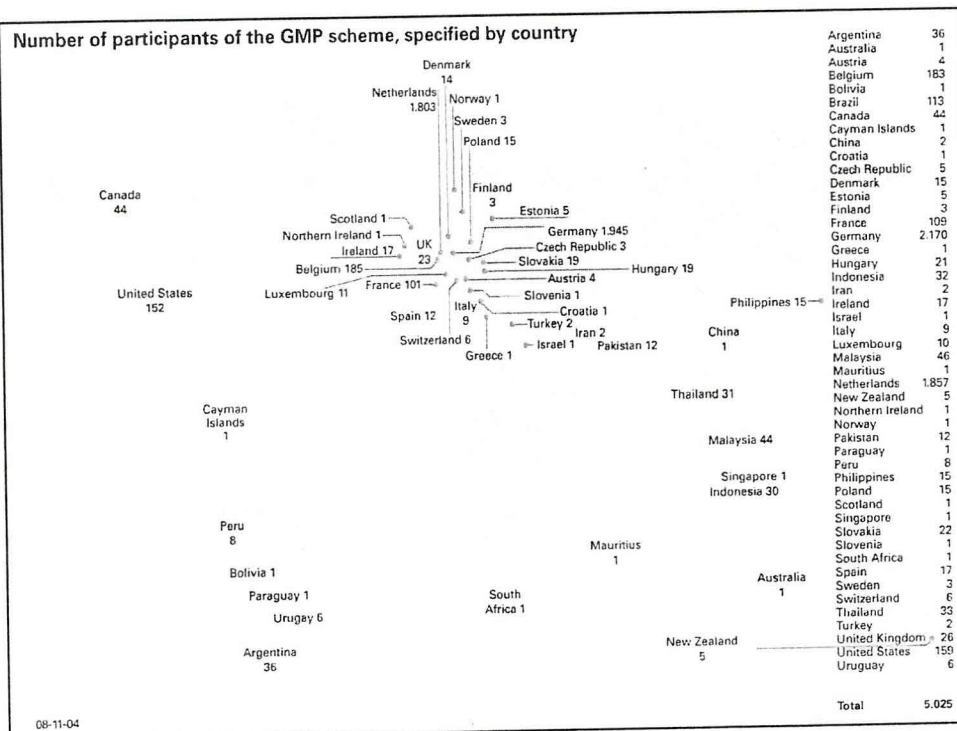
I. Current GMP+scheme Animal Feed
Characteristics after redesign

- ☐ Structure of and management requirements according ISO 9001:2000
- ☐ HACCP ~Codex, Principles of Food Hygiene, CAC/RCP 1999
- ☐ Additional generic control measures (pre-requisite programs)
- ☐ Contains all elements of General Food Law (HACCP, T&T, recall)
- ☐ Covers whole feed chain from cultivation till feeding and all stages in between



I. Current GMP+scheme Animal Feed Characteristics after redesign

- ☐ Third party certification (accreditation according EN 45011) by independent certification bodies
- ☐ Harmonisation / technical training auditors / uniform certification criteria, etc
- ☐ Supporting activities: databases
 1. Analytical results
 2. Risk assessments feed materials
 3. Early warning system
 4. Crisis communication
 5. Companies / certification bodies
- ☐ *Benchmark procedure for acceptance other feed standards / schemes*



II. International developments General

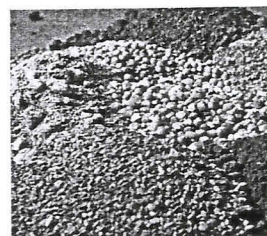
International initiatives feed and food safety assurance:

- ☐ Feed & Food Safety Assurance initiatives
- ☐ EU feed and food hygiene regulation



II. International developments Feed / food safety assurance initiatives

- ☐ EUREPGAP Integrated Farm Assurance
- ☐ BRC
- ☐ Qualität und Sicherheit
- ☐ Global Food Safety Initiative
- ☐ GMP+ scheme Animal Feed
- ☐ OVOCOM
- ☐ AIC / UKUSTA
- ☐ *International Feed Safety Alliance*
- ☐ *European Feed manufacturers code - FEFAC*



II. International developments International Feed Safety Alliance: IFSA



Dvocom



Qualität und Sicherheit



Productschap Diervoeder



F E F A C

II. International developments IFSA

The IFSA brings together feed assurance system experts with the aim of:

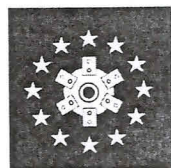
Setting up a *common* safety assurance standard for the supply of **feed ingredients** internationally (including rules of certification)

II. International developments FEFAC

Fefac published:

European Feed Manufacturers Code (EFMC)

as guideline to support harmonized
application of safety assurance
in the compound feed industry
in EU member states, including
Application of IFSA feed
ingredient standard



F E F A C

II. International developments EU regulation

EU Feed Hygiene Regulation (based on the
European Food Law):

- ☐ Requires a mandatory HACCP based risk analysis as part of a own-control system implemented, excluding home-mixing
- ☐ Encourages the development of voluntary code of good practice for all feed businesses



III. Interconnections Feed - EUREPGAP General

- ☐ Feed assurance indispensable part of IFA
- ☐ Avoiding duplication of current feed safety assurance systems
- ☐ Promoting development of international co-operation and international harmonisation regarding feed safety assurance
- ☐ Keep open possibility to co-operate with other (inter)national farm assurance schemes
- ☐ Using present infra-structure and expertise

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III. Interconnections Feed - EUREPGAP Proposal to link schemes

- ☐ Accept IFSA and its partners as important schemes owners as (highest) reference and its benchmark procedure (after review)
- ☐ Participation of EUREPGAP in IFSA expert committee
- ☐ Participation of IFSA in EUREPGAP expert or steering committee
- ☐ For co-ordination: joint working group

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III. Connections GMP+ - EUREPGAP Proposal to link schemes

Actions:

- ☐ Get green light of boards of both organisations (1-1-2005)
- ☐ Establish Joint working group
- ☐ Carry out a review and
- ☐ Appoint members of steering / expert groups
- ☐ Finale agreement: 1 October 2005

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Experience of the first four IFA Combinable Crops Certificates

(in Lower Saxony, Germany)

Dr. Friedrich Lüdeke

Marketinggesellschaft für niedersächsische Agrarprodukte e.V.
(Consulting Agency for Lower Saxonian Agricultural Products)

Legal requirements for Farmers (extract)

The farmer is :

- Part of the EU farm to table policy
- Food business operator
- Responsible for complying with legislation
- Responsible for traceability
- Liable for his products

Marketing  **Gesellschaft**
für niedersächsische Agrarprodukte e. V.

Safety

Freedom from unacceptable risk of harm

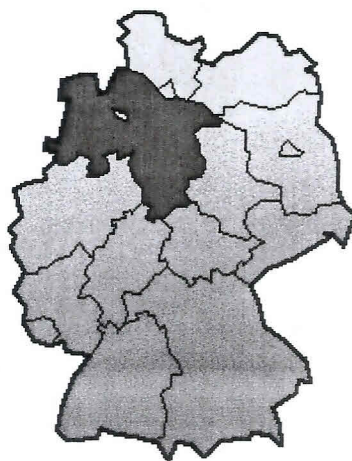
DIN EN 45020:1994

State in which the risk of harm (to persons)
or damage is limited to an acceptable level

DIN EN ISO 8402:1995

Marketing  Gesellschaft
für niedersächsische Agrarprodukte e. V.

Lower Saxony



Marketing  Gesellschaft
für niedersächsische Agrarprodukte e. V.

Lower Saxony:

Arable total	1.805.000 ha
Cereals total	1.060.000 ha
Winter Wheat	400.000 ha
Winter Barley	200.000 ha
Potatoes	123.000 ha
Sugar Beet	117.000 ha

Marketing  Gesellschaft
für niedersächsische Agrarprodukte e. V.

Lower Saxony:

- Highest milling capacity in Germany
- Mills audited suppliers (traders) via a Consulting Company
- Traders are “encouraged” by the mills to audit their suppliers (farmers)

Marketing  Gesellschaft
für niedersächsische Agrarprodukte e. V.

Project:

Quality Assurance Combinable Crops

- Farmer Co-operative with 12 members
- Farm size from 300 ha to 1.300 ha

Marketing  Gesellschaft
für niedersächsische Agrarprodukte e. V.

Project:

Quality Assurance Combinable Crops

Steps:

- Introduction to Standard
- Standard, Forms, Legislation, etc. on CD
- Pre-Audit on one farm for all members
- 3-4 hours consulting on each farm
- Certification Audit

Marketing  Gesellschaft
für niedersächsische Agrarprodukte e. V.

Project:

Quality Assurance Combinable Crops

Problems:

- New Standard
- Farmers skeptical about necessity of IFA
- First time (legal) requirements are checked
- First audit for the farmer

Marketing  Gesellschaft
für niedersächsische Agrarprodukte e. V.

Project:

Quality Assurance for Combinable Crops

Situation on the Farms:

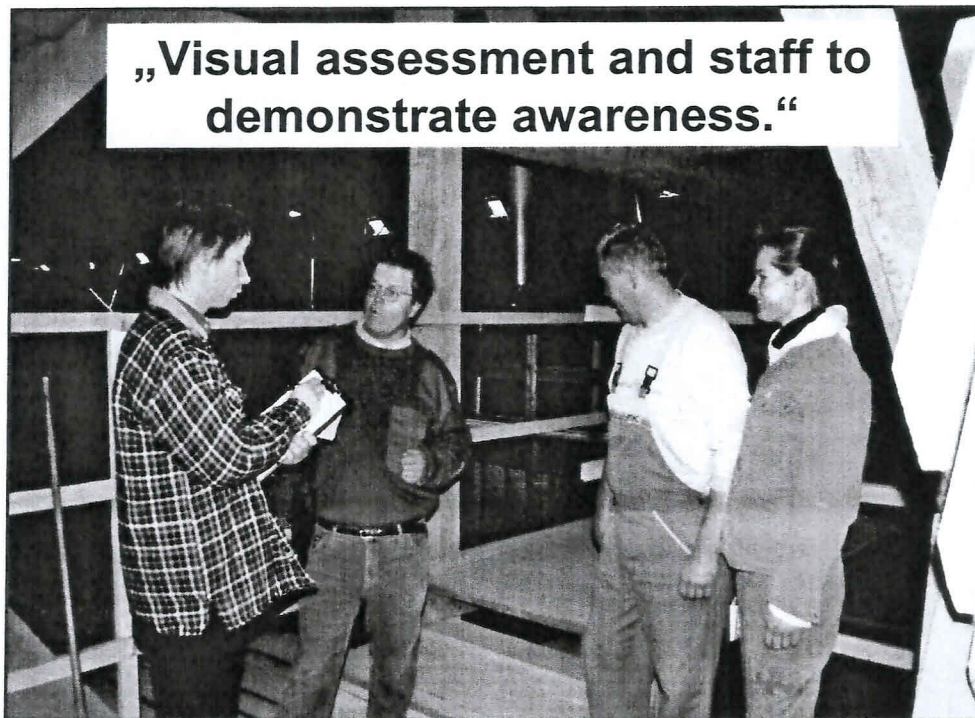
- Records with **most** information available
- Plant Protection Storage to be improved
- Signs and First Aid information to be introduced
- Self inspection: a new procedure

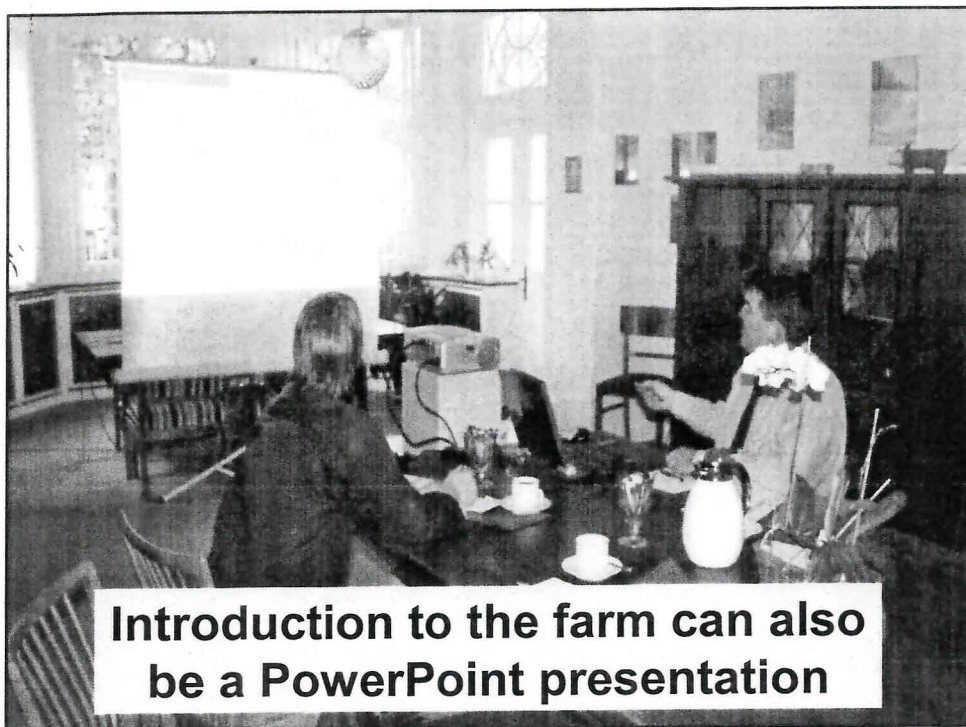
Marketing  Gesellschaft
für niedersächsische Agrarprodukte e. V.

Records must be available.....



„Visual assessment and staff to demonstrate awareness.“





**Introduction to the farm can also
be a PowerPoint presentation**



**Plant
Protection
Product Store:**

- sound
- secure
- frost resistant
- **fire resistant**

Marketing Gesellschaft
für niedersächsische Agrarprodukte e. V.



Plant Protection Product Store:

- sound
- secure
- frost resistant
- fire resistant

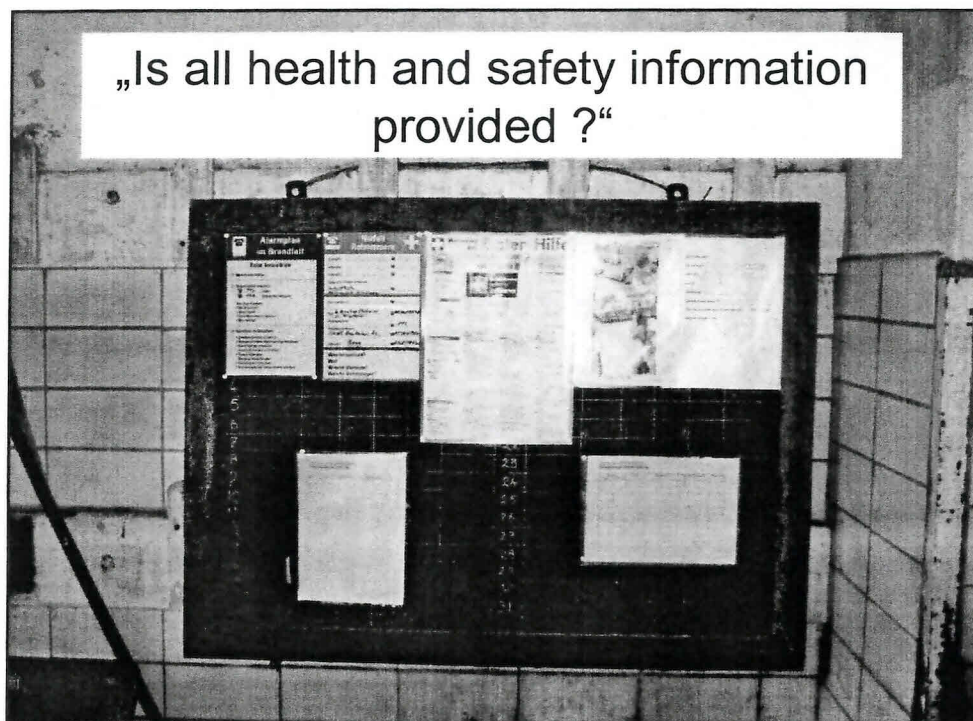
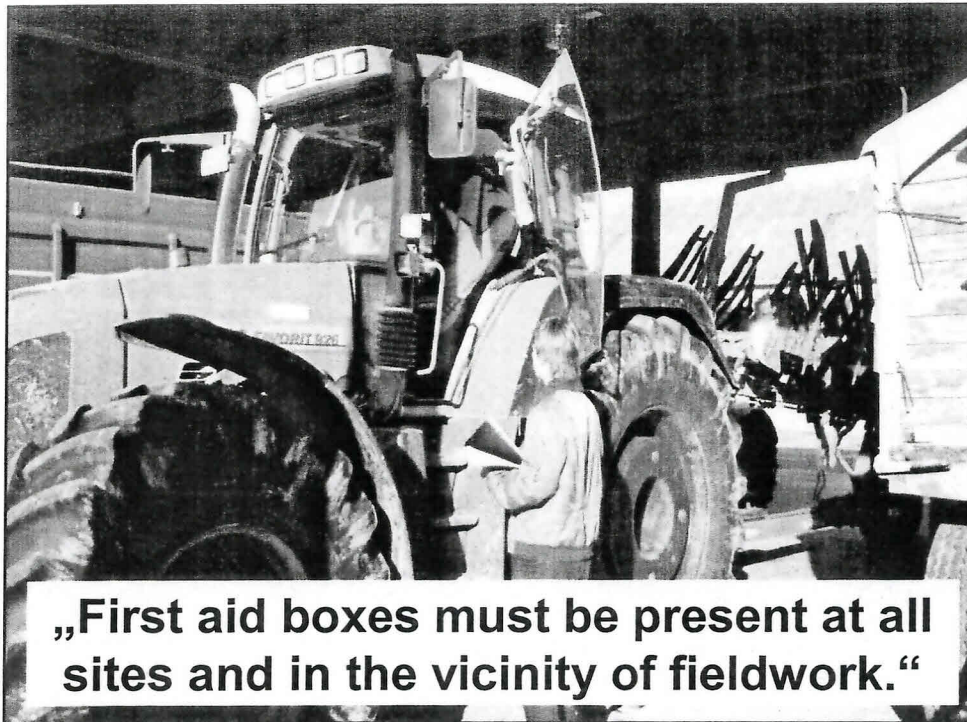
Marketing  Gesellschaft
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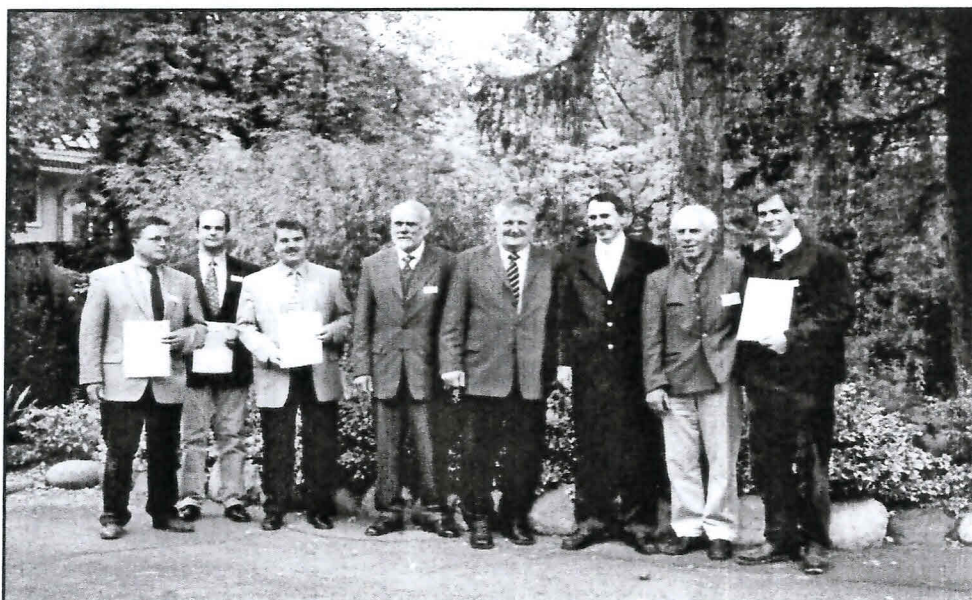
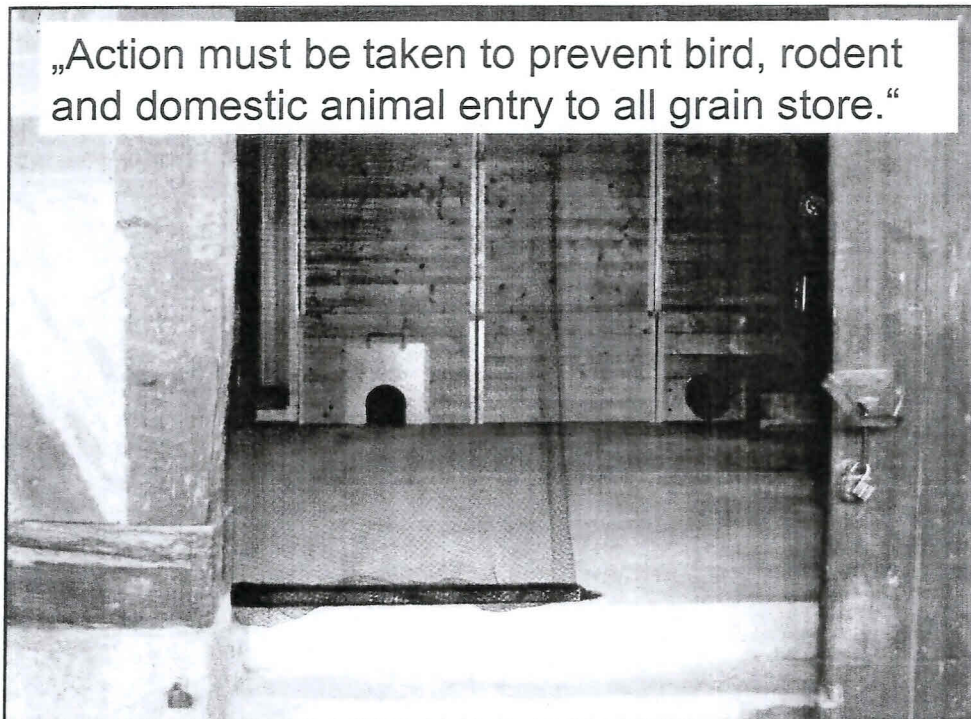
Plant Protection Product Store:

- well lit
- away from other materials
- shelves made of non-absorbent materials.....

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für niedersächsische Agrarprodukte e. V.



„Action must be taken to prevent bird, rodent and domestic animal entry to all grain store.“



The reward: Certificates presented by the Lower Saxsonian Minister of Agriculture

General Situation and Outlook

- Around 20 Certificates IFA
Combinable Crops in Germany
- Mills are looking very closely at IFA
- Sugar Industry is looking very closely at IFA
- One audit for all farm products is the future

Marketing  Gesellschaft
für niedersächsische Agrarprodukte e. V.



Thank you for your attention !

Dr. Friedrich Lüdeke

Marketinggesellschaft für niedersächsische Agrarprodukte e.V.

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D-30161 Hannover

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Fax ++ 49 – 511 – 34 57 68

e-mail: f.luedeke@marketing-agrar.de

**“Quality Assurance for
wheat farmers: linking the
North Dakota Perspective
to EurepGAP”**

Who am I?

- Catherine Pfennig – Kate
- Co-Owner with my husband of
KAP Custom Ag Services,
Driscoll, ND, USA
- We have an agronomy centre that offers
 - Contract spraying
 - Contract fertilizer spreading
 - Retail of agricultural inputs
 - Consulting using Intensive Crop Management on
 - Wheat, Barley, Soybeans, Corn
 - Wife and mother to 2 young boys 6 & 3 years old

WHY ME?

- Have an Ag & Horticultural background from NZ, which depends heavily on export
- My grandfather farmed after returning from WW1 till his retirement
- Attended Lincoln University
- Extensively traveled as a young person in my twenties
- Came to the US in 1994 on holiday and met my now husband
 - We married
 - Invested in his business, personally and financially
 - Now try to keep it on the cutting edge of the industry
 - Passionate about our future, the children's and future of the Ag industry.
- So I look into the box from outside.

So Quality Assurance

- Is the North Dakota Farmer Ready for EurepGAP?

- The quick answer

NO North Dakota farmers are not ready
for EurepGAP

- Quick response to how to motivate

\$\$\$\$

If only it was all that simple

- It can be that simple but here are some of the points to understand about ND farmers.

- ND farmers believe & the consumer believe they already have the safest food supply in the world!

- EPA
- AG Dept
- Health Dept
- Food inspectors

- Right or wrong the USDA has done an excellent spin doctor effort on the public, that QA is already here, i.e.

- Mad Cow – came from Canada, so not a USA problem, a Canadian problem, US solution close the border.

- Rural attitudes towards mandated regulations are often not well received.
 - Freedom to think, act on the move is done with pride
 - Their own judge and jury
- Officials are treated with suspicion
 - Regulations prevent efficiency & common sense in an effort to protect ourselves from ourselves
 - Law suits are rife in the US
 - And yet, farmers will however, farm the government programs, often better than their own farms
- The US has a competitive advantage by the sheer volume of its crop, thus keeping the cost of production & transportation low.
QA potentially negates this competitive edge.

Responses from farmers I talked to about QA

- Why has the US in particular not been asked or encouraged to participate, as much as other countries, Mexico etc
- We don't export to Europe anyway
- Europe doesn't like GMO so can't export
- Know it needs to be addressed but don't have any idea what to do, when we did test for a QA readiness, we failed miserably

- Don't feel anything will be done until the issue is forced
- We are too distracted with the issue of GMO wheat at the moment, not even looking at the issue of QA
- Not a domestic concern as the US economy is so big it feels it doesn't have to export
- We need to watch that the industry doesn't become over regulated and drive farmers away.

A capitalistic economy

- Our farmers are less motivated by social and consumer issues than Europe and more by the price they will receive for their crop.
- Also their exposure to liability i.e. lawsuits
- It all comes down to price and dependability of market

On the topic of price

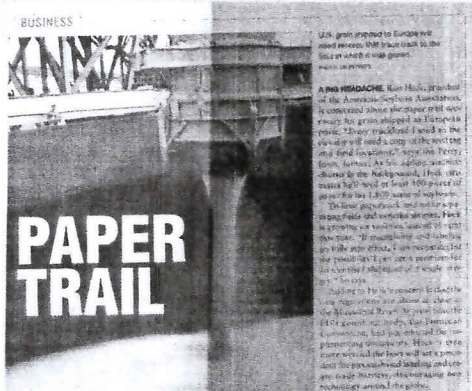
- There are direct new costs to the ND farmer if the EurepGAP protocols are implemented, some voluntary, others to meet protocols such as,

- Liability Insurance
- Analysis of organic fertilizers (8.3.2.3)
- Analysis of heavy metals and contaminants (8.3.2.4)
- Annual testing for leaching into groundwater (8.3.2.5)
- Annual verification of fertilizer calibration (8.3.3.1)
- Risk assessment of organic fertilizers (8.3.5.1)
- Cost of the inspectors (8.6.4.2)
- Keeping the crop segregated for export
- And of course the paperwork.

- WHO WILL PAY OR ABSORB THESE COSTS?

Examples of what the media is reporting in Ag Magazines

BUSINESS




PAPER TRAIL

The EU's new traceability and labeling laws could become a bureaucratic and economic nightmare for U.S. farmers.

By Susan R. Davis

The European Union's new traceability and labeling laws are expected to put a lot of pressure on U.S. farmers. The regulations require that all food products sold in the EU must be traceable to the source of the product. This means that farmers must keep detailed records of all inputs and outputs of their operations, from seeds and fertilizers to harvest and distribution. The regulations also require that all food products be labeled with the name of the producer and the country of origin. This means that farmers must be able to provide this information to consumers. The regulations are expected to be implemented in 2005, and farmers are already beginning to feel the pressure. Some farmers are already investing in new equipment and software to help them keep track of their operations. Others are already beginning to feel the financial burden of the regulations. The regulations are expected to be a major challenge for U.S. farmers, and many are already beginning to feel the pressure.



UK farmers' keen quest for GMOS

UK farmers are keen to plant genetically modified crops, despite opposition from some groups. The farmers argue that GM crops can help increase yields and reduce the need for pesticides. They also argue that GM crops can help reduce the environmental impact of farming. However, some groups, including the Greenpeace organization, oppose the use of GM crops. They argue that GM crops are unsafe and could harm the environment. The issue of GM crops is still a controversial one, and farmers are still working to convince the public that they are safe and beneficial.

ND Shoppers Unaware Of Modified Foods

Even though grocery stores carry a number of genetically modified food products, North Dakotans know very little about them.

Sixty-four percent of the North Dakotans questioned in a recent survey didn't know what genetically modified organisms are. Even after the questioner told them, only 37 percent said genetically modified food is available at grocery stores, although it is estimated that up to 70 percent of items on grocery store shelves contain genetically modified ingredients.

These are among the findings in a 26-page report on North Dakota shoppers' perceptions about genetically modified organisms and food, Cheryl Wachenheim, an associate professor of agronomy and applied economics at North Dakota State University in Fargo, and William Lench, a marketing professor at the University of North Dakota in Grand Forks, are the study's authors.

The survey defines genetic modifications as adding genes to plants or animals to change the makeup of the original organism. It moves genetic material from one organism to another to produce plants or animals with desired characteristics faster than through traditional cross-breeding.

The study is based on a telephone survey of 407 adults who said they had done most of their household's grocery shopping in the previous month. The survey was conducted between Nov. 20 and Dec. 8. It has a margin of error of plus or minus 5 percent.

The North Dakota Farm Bureau's Young Farmers and Ranchers Committee commissioned the project.

The survey also found that:

- 83 percent think food labels should note whether the product contains genetically modified ingredients.
- More than half would prefer to buy genetically modified hamburger or noodles if they had more vitamin and minerals or better flavor than conventional hamburger or pasta, provided both varieties were the same price. However, respondents would be less willing to buy the genetically modified product if the modifications were to improve its texture or give it a more attractive color.
- Those surveyed would approve of scientists using genetic

modification to develop health benefits such as more nutritious grains to help poor countries (72 percent), hormones to help combat diabetes (65 percent), and wheat with vitamin A to prevent blindness (63 percent), while hormones for cows to produce low-cholesterol beef came in last at 45 percent.

Two-thirds of those polled approved of plants created using genetic modification, while 75 percent disapproved of genetically modified animals.

• 63 percent said they are not adequately informed about biotechnology and more than moderate regulation is necessary on genetic modification.

• The U.S. Department of Agriculture and university scientists ranked highest as sources of information about genetically modified organisms, while grocery stores were considered least credible.

Researchers say the survey results are consistent with national study findings, except that the North Dakota shoppers tended to be more accepting of genetically modified plants than other Americans.

For a copy of the study, contact Carol Jensen at the Department of Agronomy and Applied Economics, North Dakota State University, P.O. Box 5636, Fargo, ND 58105-5636, or e-mail at cjensen@ndsu.edu. The study also is available online at <http://agecon.lib.umn.edu>.

Steels Ozone Press
Steels, North Dakota
Wednesday, Oct. 27, 2004 10

In our local paper

This is a 26 page report, which shows a huge lack of general knowledge about GMO by even the shopping public in ND.

<http://agecon.lib.umn.edu>

Then type in for the search

North Dakota Shoppers Perceptions of Genetically Modified Organisms and Food: Results of a winter 2003 survey

THE NON-GMO SOURCE

Information and resources to help you capitalize on the market opportunities for non-genetically modified products.

International grains conference highlights IP, non-GM grains

About 178 grain industry experts from around the world gathered at the International Quality Grains Conference in Indianapolis to learn about enhancing grain quality. Preserving the identity of value-added grains, including non-GMO, was a dominant theme of the conference.

While some speakers expressed the fear that genetically modified grains, many of the current solutions based on strategies to keep them from contaminating non-GM grains. At Charles Kurth's, president of the Agricultural and Biochemical Engineering in Iowa State University, was "Maximizing the genetic diversity of the grain and keeping it in the center of the market."

The US Quality Grains Research Consortium organized a conference. Participants and speakers included scientists, engineers, economists, and processors involved in grain production, handling, and processing from around the world.

IP grains panel discussion

One of the key sessions was a panel discussion "Managing the Grain Supply Chain: From Farm to Fork." The panelists included representatives from

US attorney bashes Europe over GM food labeling rules

Keynote speaker at international grains conference says EU regulations create insurmountable problem for US food producers

In a keynote address at the International Quality Grains Conference, Matt Mansueti, an attorney with Morgan & Lewis & Bockius LLP, bashed the European Union's new GM food labeling and traceability regulations, saying, "If you're from Europe, you'll be happy," referring to Charles Kurth, who supplies non-GM grains that fall below EU requirements for labeling.

Open space is enforcing

Mansueti, who is a member of the U.S. Department of International Policy Task Force on Biotechnology, accused the EU of "pushing the accuracy of the GM label as far as it can stretch it to the limit."

The EU regulations are not designed to be enforced, said Mansueti. Instead, he said, Europe is enforcing the rules "by forcing the retailers' who in turn require a non-GM grain supply."

"We're losing money here"

Mansueti believes the regulations are creating an "insurmountable problem" for US grain and food processors and producers that will affect other countries. "It's about keeping international markets and not losing money here," he said.

Mansueti doesn't see the US World Trade Organization complaining against the EU's solution. "The WTO is not for


In Conclusion

- There is a huge lack of accurate information available to the farmer and public
- The farmers are willing to participate in the EurepGAP protocols so long as they are compensated for their efforts
- A delegation to ND to explain and promote the concept with concrete proposals
 - The specifications needed for the crop
 - Expectation of protocols
 - Transportation information
 - Contracts to secure the supply of crop.
- The concept and motivation behind EurepGAP are excellent and just need to be fine tuned.

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Parallel Session B

Achievements and Challenges towards global harmonization of farm assurance schemes: sharing first experience for implementation



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ds: Henrik Baekström, Denmark

- We do welcome the EurepGAP initiative to make a global farm assurance. As a global exporter it has been the Danish model for the last 10 years to focus on all aspects of the meat production and in that way meet the requirements of the global market
- Being part of and integrated supply chain we do believe that the IFA is one of the best ways forward to provide a level playing field for farming on various continents.
- With more than 10 years of experience working with Quality Assurance in an integrated supply chain we do believe that this is the model to produce safe food that in a transparent way – from stable to table.
- As a consequence we participate actively in the EurepGAP IFA committees to be prepared for a market requirement to benchmark national schemes.




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IKB: Hans Schouwenburg, The Netherlands

- The Dutch Product Board for Livestock, Meat and Eggs is actively involved in the EurepGAP IFA committees because we want to contribute to a global harmonisation of quality assurance standards from farm to fork. Farm assurance standards are an important part thereof.
- We are ready to stimulate the international benchmark and accept EurepGAP as an international platform for harmonisation of farm assurance standards.
- IKB Pig and IKB Poultry is willing to enter into the benchmarking process with EurepGAP IFA under the following prerequisites:
 - > there must be a clear support from retail EU-wide for the standards
 - > our industry stakeholders must support the IFA content
 - > EurepGAP IFA standards must also apply in full to non-EU producers
 - > a good integration with QA-systems in other parts of the chain have to be developed




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VLAM: Marleen Daenen, Belgium

- The different quality systems that are created under the auspices of VLAM will support a international recognized standard if a commercial demand for this standard exists in the market and if it is required by our customers.
- The Certus IKB system for pork will orientate his strategy according to the demands of the internal market and export markets. Because 60% of the Belgian pork is exported abroad the demands of our foreign customers are of great importance to us.
- In this light, Belpork fully supports the aim to benchmark the existing national quality standards for pork and to work together towards a European of international comparable structure, norms, inspection and certification of each quality system. This is why we are involved in the EMA (European Meat alliance) and EUREPGAP working groups.
- Belpork (owner and certification body of the belgian quality standard for pork) has already shown his flexibility to change and adapt his system to customers demand in the past. This has resulted that Certus is a quality standard with requirements for food safety, animal welfare but also a better intrinsic meat quality. Therefore Certus can fulfill the high demands of the Belgian retailers.




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BordBia: John Keane, Rep. of Ireland

- Bord Bia-Irish Food Board has been active in developing and operating quality assurance programmes in the meat, egg, and horticultural sectors in recent years. Currently a number of schemes are being operated to the EN45011 standard and we are currently working towards achieving EN45011 accreditation for all our schemes. Bord Bia, under the Quality Assurance Governing Board is an accredited certification body in its own right.
- Bord Bia has participated in the development of the EurepGAP standards through our involvement in the Technical Advisory Committee (TAC).
- We see EurepGAP as a useful initiative that will enhance production standards at farm level and will enable Farm Assurance standards to be compared and benchmarked worldwide.




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AFS: David Clarke, UK

- UK
 - accredited, product certification schemes in all production sectors
 - most UK production comes from assured producers.
- Welcome a system which will allow others to begin the same journey.
 - But, how does it relate to established programmes?
- Does 'Harmonisation' = Rounding down?
 - take established standards backwards
 - 'benchmarking' is NOT 'mutual recognition'
- International standard or focus on local requirements?
- Credibility & integrity versus Cost?
 - Affordable? Cost effective? Who benefits? Who pays?
- How to integrate along the chain?
 - Critical inputs before & after farm e.g. feed, transport, contractors, etc.
 - Traceability




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CBL: Marc Jansen, The Netherlands (1)

- Dutch retailers want to work with harmonized standards worldwide. The benchmark standards for EurepGAP IFA is the instrument we want to work with.
- We recognize that EurepGAP IFA is focused on the farm and does not comprise the whole chain. For the different parts of the chain we demand the post farm-gate standards that are recognized by GFSI.
- For the links between standards in the chain we have to find solutions but this should not pollute the discussion of EurepGAP IFA. The example is that Dutch retailers want animal transport to be covered by a certificate. Exchange of information between standards in the chain has to be done on a pre-competitive base and that needs an open mind of standard owners.




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CBL: Marc Jansen, The Netherlands (2)

- Dutch retailers do not want the discussion of consumer labels of EurepGAP. Labelling is marketing and therefore a matter of private businesses. Local standards with a positive EurepGAP benchmark can not claim the logo to be adopted.
- The time table of introduction has to be discussed within CBL. Benchmarking is more easy to do than certifying 30000 farmers so by the end of 2005 this process might be completed.
- If necessary CBL can facilitate harmonisation meetings between CB's.




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Q&S: Marc Rutten, Germany

- QS supports the harmonisation of quality assurance schemes
- A close co-operation of national standards would be very useful
- QS is willing to make international agreements with our international partners on the basis of the EMA criteria
- A quality system over all stages of production based on the EMA criteria can be a role model in Europe
- We are open to discuss principles of national farm assurance schemes with EurepGAP.




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Metro: Hans-Juergen Matern, Germany

- EurepGAP is the platform for us for global harmonisation of pre farm gate standards
- IFS (and BRC) is our standard(s) for post farm gate
- National schemes like Q&S are the back-bone of a vertically integrated QA System throughout the supply chain. They must use the knowledge of the market including the international standards like EurepGAP and IFS.
- Metro prefers an internationally harmonised QA System, and we are engaged in these activities, but if there is no possibility to achieve an internationally harmonised approach in a short term, we are committed to implement our own Metro system.
- We take care of our responsibilities on store level and participate in third party certification systems in our distribution centres and retail outlets.




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REWE: Guido Siebenmorgen, Germany

- EurepGAP is the basis for globally harmonised farm assurance standards also for REWE
- The owners of national schemes like Q&S, IKB, ds, Certus etc. must get together on existing platforms like EurepGAP and agree on terms of harmonisation and mutual recognition in order to reduce duplication of audits and conflicts on farmer level
- REWE needs a pre-farm gate and post-farm gate integrated system that goes beyond any existing open scheme of today, which must include processed meats and sausages.
- Such a scheme should be built on a European platform integrating schemes like Q&S, KAT, IKB etc.
- Content of such a scheme should cover recipe control, product integrity (safety, declaration of content, special makings), and traceability based on input-output analysis



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Healthy Animals Supply Safe Food

Gosse Smid
Elanco Animal Health

EUREPGAP®

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In the Business of Delivering Health

2

Lilly

Providing
Human Health

ELANCO

Providing
Animal Health

Lilly : Provide research-based innovation to enable people to live longer, healthier, and more active lives.

Elanco: Provide research-base innovation to foster animal health and food safety

Eli Lilly And Company (Elanco)

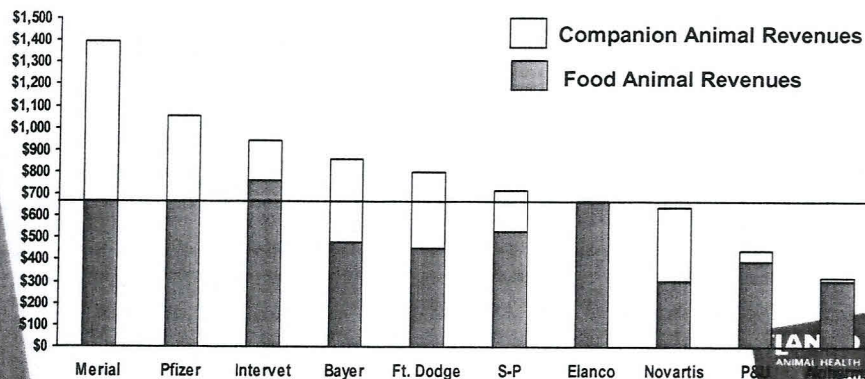
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Elanco is a major player in Food Animals

3

2000 Food Animal and Companion Animal, Sales by Company

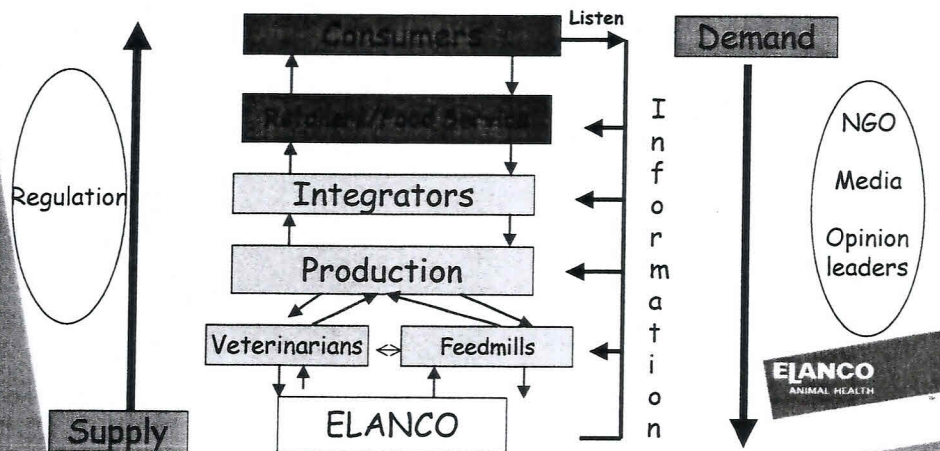


Source: Wood Mackenzie

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The Food Chain

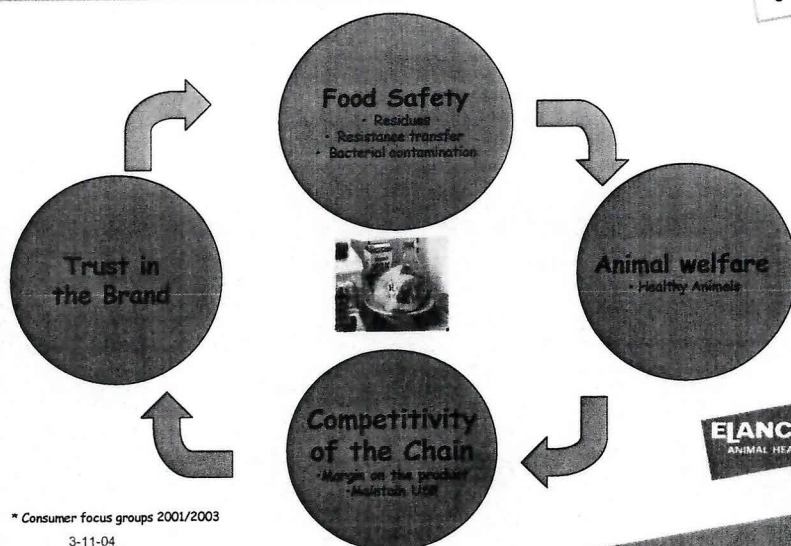
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3-11-04

Consumer* and retailers concerns on meat

5



* Consumer focus groups 2001/2003
3-11-04

Animal Health in Food Animals

6

- **Why need for antibiotics in Animal Health for food animals? ***
 - Treat and control disease
 - Stop the progression of the disease, arrest a disease
 - Reducing or eliminating pathogens improves food safety and food quality. Healthy animals supply safe food.
 - Animal Welfare: Healthy animals are more comfortable animals



* Responsible Use of Medicines in Animals Alliance (RUMA). Responsible Use of Anti-microbials in Pig Production February 1999

** Russell SM. The Effect of airsacculitis on bird weights, uniformity, fecal contamination, processing errors, and populations of *Campylobacter* spp and *Escherichia coli*. Poultry Science 2003; 82:1326-1331.

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Residues 2 separate issues

7

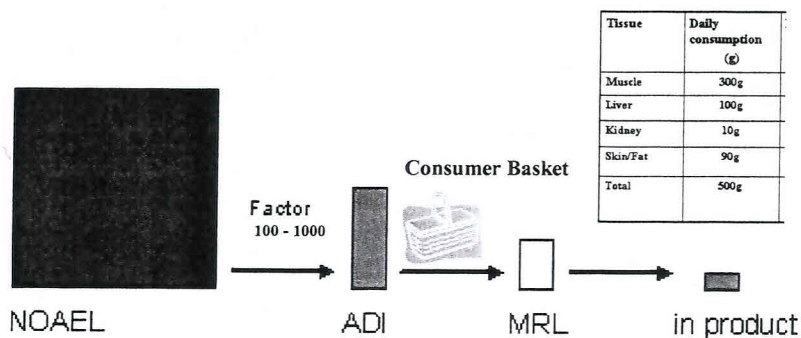
- **Licensed products**
 - A MRL has to be established
 - Residues have to stay under the MRL
- **Non licensed products should not be used**
 - All detected residues are unacceptable
 - LOD is critical
 - Example: Nitrofurans, Chloramphenicol etc.

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Residues and MRL

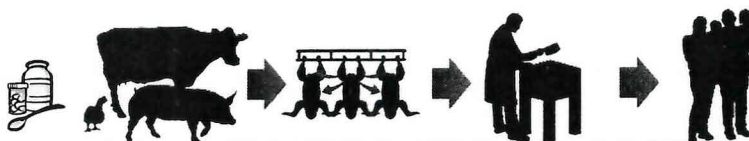
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**Residues under the MRL are safe****ELANCO**
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Public Concern and Perceptions

9



- Antibiotics may select for resistant bacteria in the intestine of the animal.
- Meat may get contaminated with intestinal bacteria.
- Resistant bacteria may be transferred to humans by eating contaminated food.

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Judicious Use



10

Goal of Judicious use guidelines:

Maximise Animal Health while minimizing selection for resistant bacteria *



Precision Therapy

- Diagnosis
- Use targeted spectrum
- Evaluation

- Early intervention with narrow/limited spectrum:
 - Stop progression of the disease
 - Intervene to preclude the need for broad spectrum later

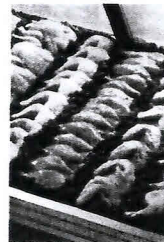
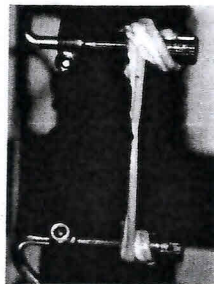
*American Veterinary Medical Association. Judicious Therapeutic Use of Antimicrobials. Approved by the Executive Board, November 1998.
 *Responsible Use of Medicines in Animals Alliance (RUMA). Responsible Use of Anti-microbials in Pig Production. February 1999.
 *World Health Organization. WHO global principles for the containment of antimicrobial resistance in animals intended for food. Report of a WHO Consultation, June 2000.
 *Office International des Epizooties. Terrestrial Animal Health Code – 2003. Appendix 3.9.3: Guidelines for the responsible and prudent use of antimicrobial agents in veterinary medicine.
 **Philips, I., Castwell, M., Cox, T., et al. Does the use of antibiotics in food animals pose a risk to human health? A critical review of published data. *J Antimicrob Chemother* 2004; 53:28-52

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Healthy Animals supply Safe Food

11

Results of a recent study demonstrated that the absence of airsacculitis in flocks of chickens (when compared to the presence of airsacculitis in comparable flocks) at the time of slaughter resulted in less variability in the weight of the birds, fewer torn digestive tracts, less fecal contamination of the carcasses, and **fewer *Campylobacter* spp recovered from the carcasses ***


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* Russell SM. The Effect of airsacculitis on bird weights, uniformity, fecal contamination, processing errors, and populations of *Campylobacter* spp and *Escherichia coli*. Poultry Science 2003; 82:1326-1331.

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AB strategies and associated consequences

12

AB strategy

ReductionManage and control

Confirm bad practice

Limit resistance development

Welfare risk

Maximise animal health

Risk of contaminated meat

Safe & quality meat

Continuous crisis management

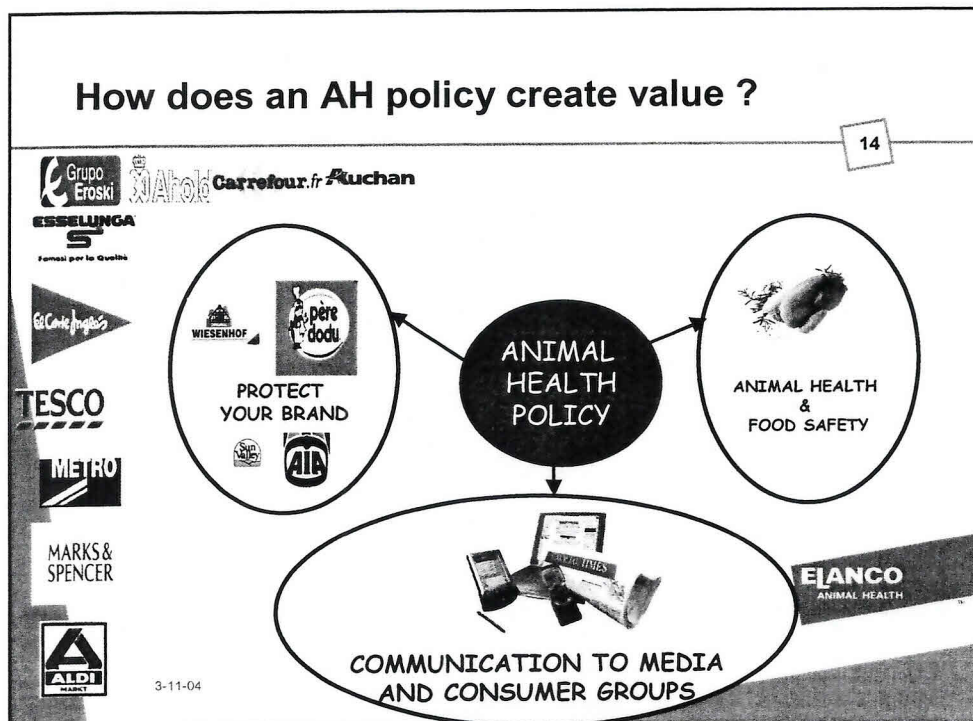
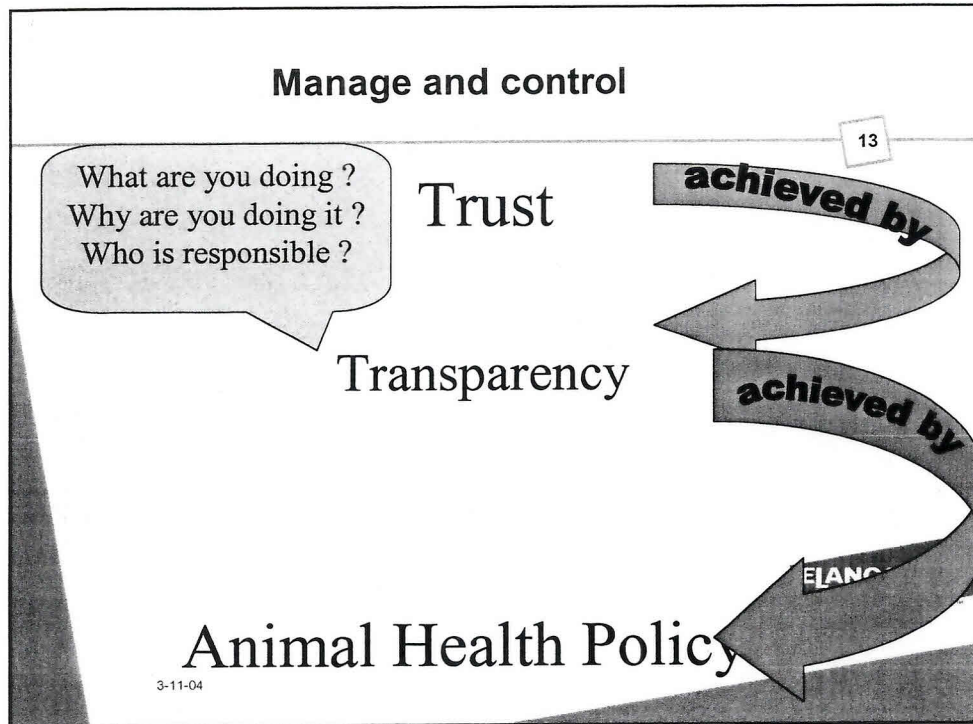
Build trust
Transparent process

Brand Consequences

Risk of crisis

Brand protection

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Summary antibiotics and food safety

15

- As an industry we need to address the key concerns in the food chain
- Residues: Establish MRL
 - All residues under MRL are safe
- Resistance transfer: Precision Therapy
 - Judicious use guidelines
 - Diagnose
 - Treat targeted spectrum antibiotics
 - Evaluate
- Brand Protection
 - Animal Health policies to create trust and transparency

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3-11-04


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Why EUREPGAP Integrated Aquaculture Assurance (IAA)?

Erwin Roetert
Expert Committee Member
for EUREPGAP

Amsterdam
10th of November 2004

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Why EUREPGAP standards for IAA?

- History of the Standards
- Background
- Sustainable Aquaculture
- Conclusions
- Objectives
- Contents of the Standard
- Present Status of the Standards


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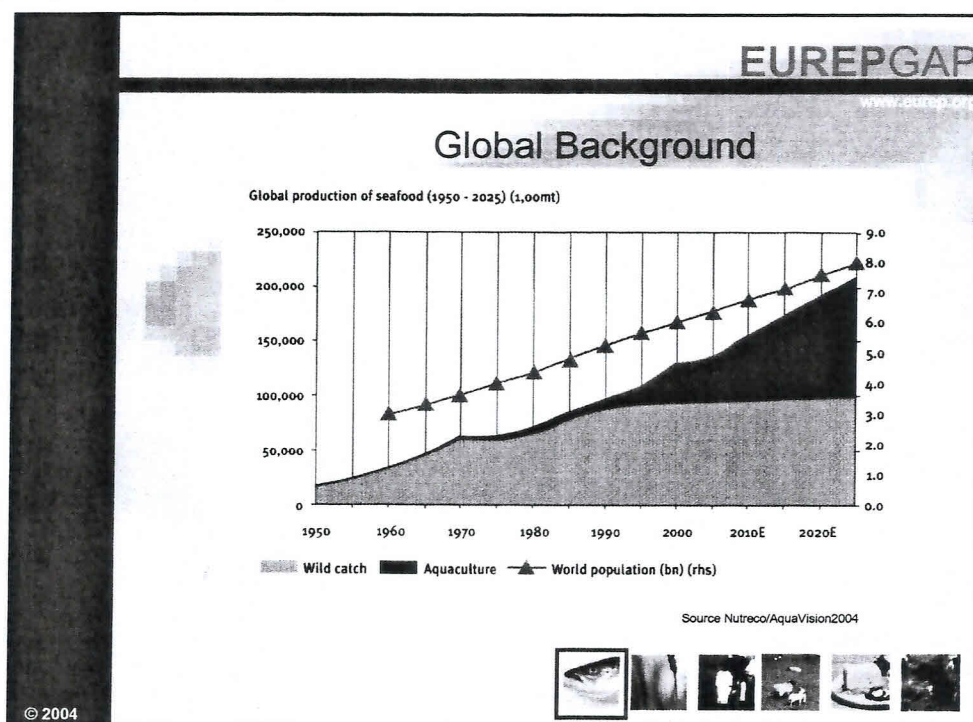
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History of EUREPGAP in Aquaculture standards

- 1999. **EUREPGAP** hosting meetings for Aquaculture standard
- 2001. **EUREPGAP** participates in Dutch research subsidy project for salmon products
- 2003. **EUREPGAP** decides to add Aquaculture standards (announced Madrid Conference) to their program
- 2004. **EUREPGAP** IAA and Salmonoid Standard ready for publication



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Global Background(2)

Obvious that:

- Seafood is an important source of food
- Future asks for Sustainable Aquaculture




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Sustainable Aquaculture(1)

Sustainability will be achieved if next issues will be addressed:

- Health and Safety Issues
- Environmental impact (Biodiversity, Predator protection, waste discharge)
- Sustainability of fish feed.
- Animal welfare, (way of stunning, density, harvesting methods, and treatments)
- Social issues (e.g. labour safety, working hours)




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Sustainable Aquaculture(2)

The best way to address these issues

- To have common standards in place general supported by all stakeholders.
- To create a platform for best practise discussions in order to set realistic aspiration levels.




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Why EUREPGAP Integrated Aquaculture Assurance (IAA)?

Conclusions:

- There is an urgent need for a standard to assure sustainable aquaculture
- **EUREPGAP** will be the ideal platform where Producers, Retailers and NGO's meet each other in mapping out a route to the future in sustainable aquaculture production.




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Objectives of the IAA Standard

- To facilitate mutual recognition through transparent benchmarking.
- To boost world-wide participation in aquaculture farm assurance.
- To encourage continuous improvement.
- To provide performance and integrity measurement for assurance schemes (e.g. certification, accreditation).
- To have modules based on sound and realistic best practises.




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Contents of the IAA Standards

- 1.0 Base Module for Aquaculture**
- 1.1 Staff**
- 1.2 Legislative Framework**
- 1.3 Management of Production sites, Land, Buildings and Facilities**
- 1.4 Fish Welfare, Management and Husbandry**
- 1.5 Machinery and Equipment**
- 1.6 Environmental Management and Husbandry**
- 1.7 Fresh Water**
- 1.8 Sea Water**
- 1.9 Record keeping and Internal Self-Inspection**
- 1.10 Complaint Form**
- 1.11 Sampling and testing techniques**



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Present Status of the Standards

- Available All Farm + Salmonoid Modules
- All-Farm and Salmonoid modules have been finished for Publication
- But "It is not a cleared job!"
- New TSC participants will be very welcome
- Open for improvements to be addressed in and to the TSC.
- New Modules need to be developed
- Next TSC meeting will be planned in January 2005





IAA Pilot Audit Results On-Farm & Chain-of-Custody

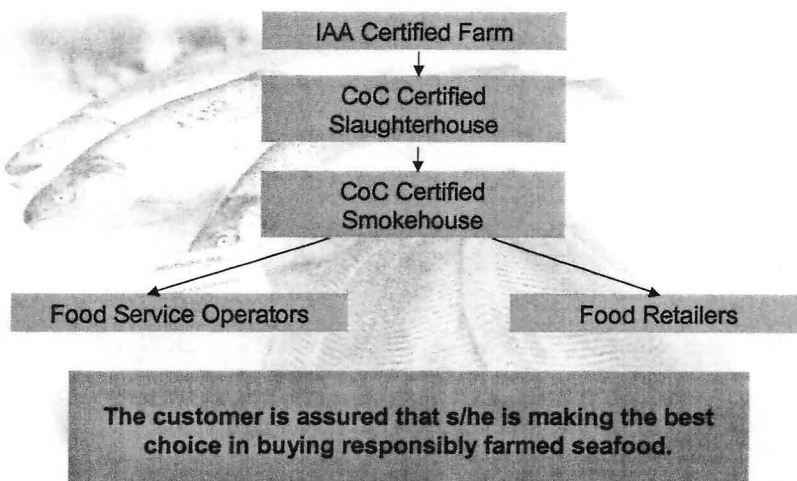
*EUREPGAP IFA Conference – Amsterdam 09 & 10 November 2004
by Aldin Hilbrands (M.Sc.) – Global Food Technical Sales Manager*

WHEN YOU NEED TO BE SURE

SGS

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Supply Chain of Farmed Salmon



2



Goals

- Assess auditability of two new EUREPGAP standards:
 - Integrated Aquaculture Assurance (IAA) for salmon farming
 - Chain of Custody (CoC) for salmon processing assuring traceability from farm to end-consumer (retail store)
- Identify overlapping criteria in standards and find cost-effective auditing solutions for aquaculture operations with multiple farming sites
- Measure compliance of Fjord Seafood salmon farms (UK & Norway) and Fjord Seafood Pieters (Belgium) with these standards

3



Methodology

- Audit selected farming sites in Scotland & Norway (freshwater and seawater) against IAA salmon farming standard
- Audit selected processing site in Belgium against Chain of Custody standard

4



Results

- Subjective / overlapping criteria in IAA farming standard were modified / taken out after pilot audits
- IAA Standard was refined further by consultation with WWF, SQS and other industry members (Marine Harvest, Stolt Sea Farm and Panfish)
- CoC audit checklist for farmed salmon traceability was trialled without problems as standard has been used in other certification programmes with similar content
- CoC standard can be audited in conjunction with BRC or IFS
- Multi-site certification is possible when a centralised management system is applied through sample audits of production sites

5



Current issues

- Create awareness with buyers and suppliers of farmed salmon for the baseline IAA and CoC standards to create a level playing field for food retailers
- Additional food retail requirements can be added as specific add-ons to the IAA checklist for verification by CBs annually
- Develop benchmark criteria for salmon feed assurance management systems

6

SGS

Thanks for your attention!

Aldin Hilbrands (M.Sc.)

Global Food Technical Sales Manager

SGS Consumer Testing Services

E-mail Aldin.Hilbrands@sgs.com

Website www.sgs.com


7

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EUREPGAP Integrated Aquaculture Assurance Standard – IAA

How to develop other Species Modules?

- Valeska Weymann
EUREPGAP c/o FoodPLUS GmbH
weymann@foodplus.org



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EUREPGAP Integrated Aquaculture Assurance Standard – IAA


PRESENT

All Farm Module
 +
Salmonids Module → **Salmonids Species Certification**

By the word salmon, we mean Atlantic salmon (*Salmo salar*), pacific salmon (*Oncorhynchus spp*) and rainbow trout (*Oncorhynchus mykiss*)



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EUREPGAP Integrated Aquaculture Assurance Standard – IAA

PRESENT


All Farm Module: Base module for all Aquaculture Farms

Is it possible to be EUREPGAP Certified **only** with All Farm Module?
 No, needs the specific module for each specie (related species)

Why?
 Individual HACCP to be implemented, Food Safety and Animal Welfare are species specific

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EUREPGAP Integrated Aquaculture Assurance Standard – IAA

GOAL


Develop new modules for other species
 Based on demand of Retailers and/or Producers

All Farm Module
 +
Specie A Module → Specie A Certification

All Farm Module
 +
Specie B Module → Specie B Certification

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EUREPGAP Integrated Aquaculture Assurance Standard – IAA


RESOURCES

- FoodPlus Coordination
- Working Team:

Voluntary work from representatives of: Retailers,
Producers, CB's, NGO's, other interested parties



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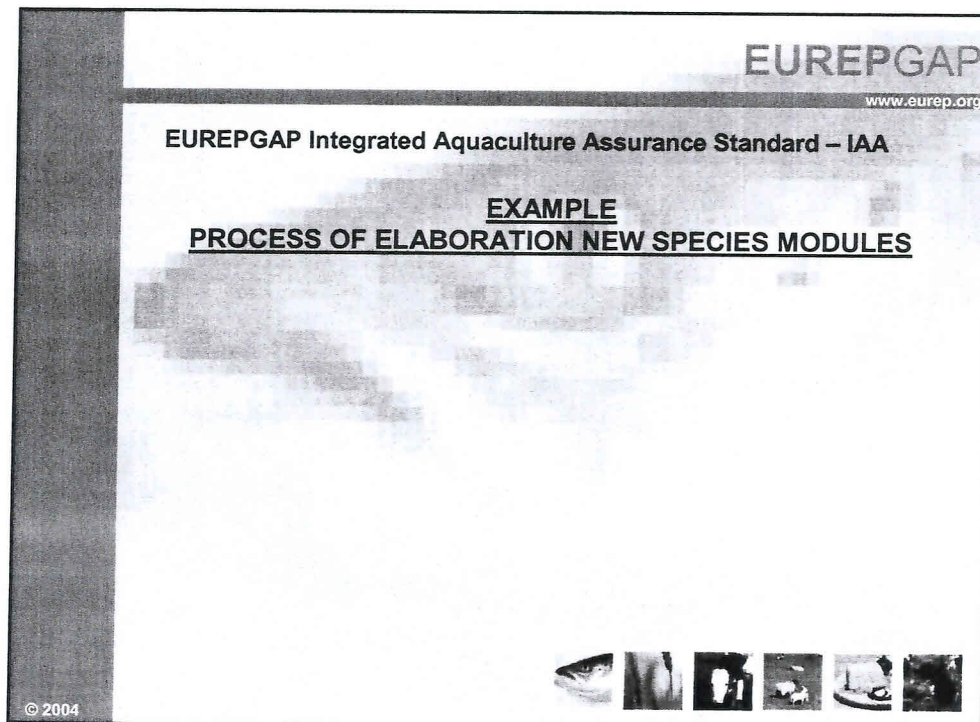
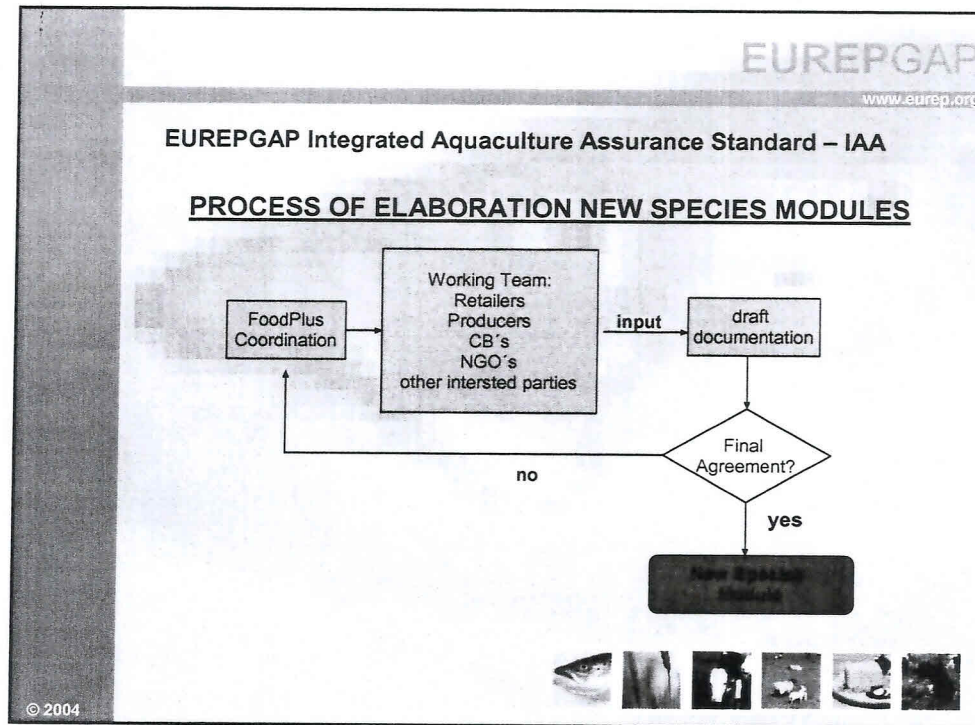
EUREPGAP Integrated Aquaculture Assurance Standard – IAA



**HOW TO PARTICIPATE ON NEW SPECIES MODULES
ELABORATION?**

- EUREPGAP member
- Experience on specific subject
- Availability on all stages of development (mainly communication via email, as possible travel costs to be diminished)



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EurepGap Aquaculture in practice

EurepGap Conference
Amsterdam


John Oosterhuis
Quality Manager Albert Heijn
10 th of November 2004



Why is EurepGap Aquaculture important for Albert Heijn ?

1. We need a generic basic production standard for aquaculture
2. Minimum level: Food safety and quality
3. Satisfying the expectations of consumers on food safety and quality
4. Possibility to purchase from suppliers all over the world
5. And....., on top of the Aquaculture Assurance Criteria:
Discussion about consumer issues with our suppliers and NGO's

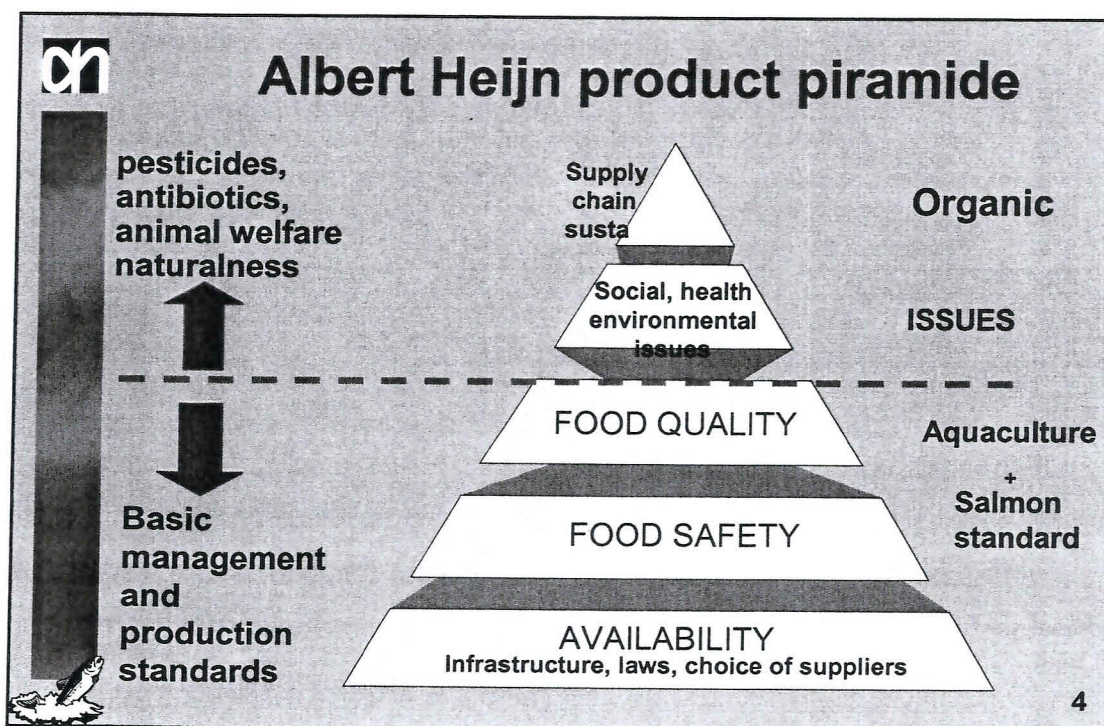
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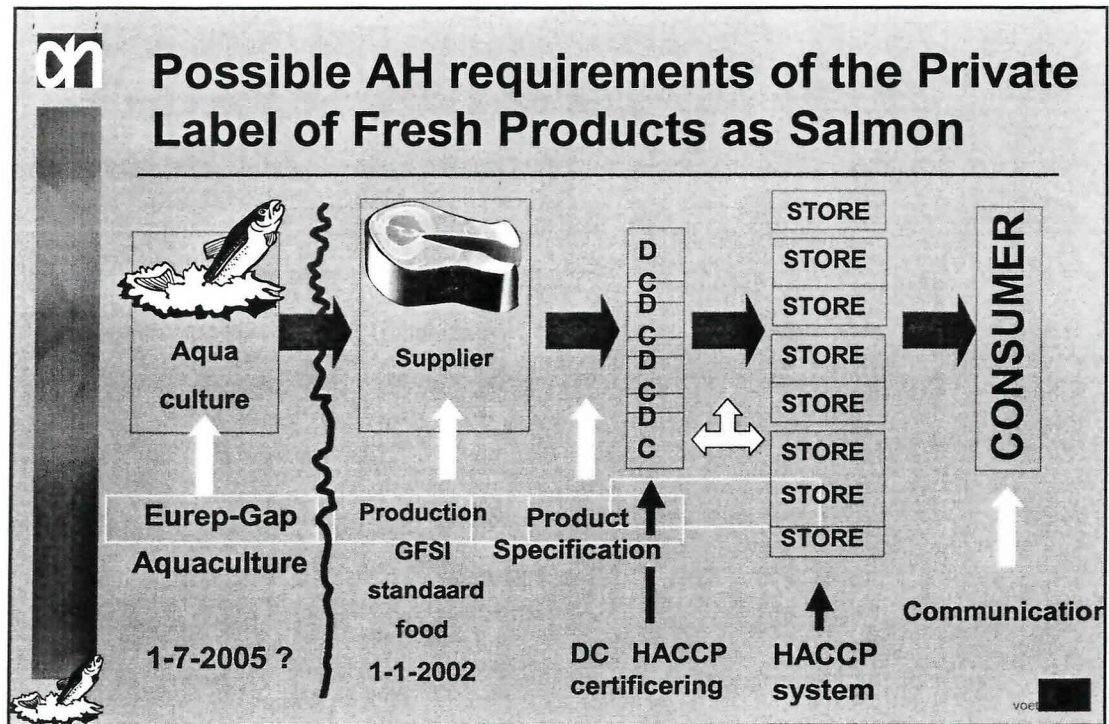


Strategy Albert Heijn

- **Baseline standards**
for primary and industrial producers,
like the Integrated Aquaculture Assurance Scheme
- **Focus on consumer issues**
 - Nutrition and Health
 - Animal welfare
 - Health and nature

3





Consumer issues

1. Food and Health
2. Animal Friendliness
3. Naturalness
4. Environment

6



Example issue in EurepGap

2.4.6. Assessment of stocking density

Control point:

The stocking density should not exceed the maximum load per meter cubed (m3), taking actual volume as the total.

Compliance criteria:

The maximum density is the recommended maximum density set by recognised authorities as a fish welfare issue or else by retailer contract conditions and/or scientific evidence. Legislation sets minimum requirements.

Level:

Minor must

Reality: Legislation = max. 25 kg / m3

Animal Welfare organisations say: max 15 kg / m3

Conclusion: improvements after (scientific) research and discussions with NGO's

7



Discussions between retailer and supplier

1. Inventarisation of consumer and NGO issues

2. Inventarisation of the status quo of the issues

3. Set up of book of agreements.

Description of situation and

- if possible - policy statement

8



Next steps

1. Certification of system
2. Experience with Inspection of protocol
3. Reporting back in the Aquacultural Technical Commission
4. Inventarisation of costs per check and certification
5. Start with certification of sites
6. Other retailers on board



Quality & Environmental management system for agricultural activities : the French experience

EUREPGAP Global Conference for Integrated Farm Assurance and Aquaculture

Amsterdam, 10.11.2004

Olivier de CARNÉ (COOP DE FRANCE) - odecarne@coopdefrance.coop

History of the Agri Confiance mechanism



- **1992**: set-up of the Agri Confiance mechanism by CFCA which translates the requirements for the quality management and contractualises the relationship between the member producer and its co-operative
- **July 2000**: standardisation of the approach by AFNOR: the NF V 01-005 standard becomes accessible for every Organised Structure of Agricultural Production or OSAP (holding for collection, transformation, commercialisation...)
- **2004**: revision of the NF V01-005 standard and integration of the environmental management system in a new standard (NF V01-007)

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2

Description of the NF V 01-007 draft standard



The NF V 01-007 draft standard is an approach :

- Collective of quality management of the agricultural productions
- Common for all agricultural and agro-food channels but also for forestry, salt, tobacco, linen...
- Complementary to the ISO 9001 approach. The enterprises that follow the two approaches are able to guarantee a follow-up of the quality and the traceability of the whole food chain, from the agricultural upstream up to the downstream transformation workshops
- Voluntary and reciprocal between farmers and OSAP holding regarding the control over agricultural productions
- Certified by a third party body: SGS-ICS, AFAQ, BVQI

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3

Description of the NF V 01-007 draft standard



But also:

CONSIDERATION FOR THE ENVIRONMENT

The Quality-Environment reference: The double Quality-Environment certification allows for an enlargement of the field of application to the environmental concerns and the integration of the requirements for a rational agriculture

THUS, THE AGRI CONFIANCE APPROACH ALSO PROVIDES AN ANSWER FOR THE MAJOR CONCERNS OF SOCIETY IN THE FIELD OF FOOD SAFETY, TRACEABILITY, TRANSPARENCY AND THE CONTROL OF THE ENVIRONMENTAL IMPACTS.

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4

Description of the NF V 01-007 draft standard



Structure of the draft NF V 01-007 standard

- **Listening to its customer and environmental aspects**

↪ review of the client's contract, environmental analysis, communication

- **Reciprocal engagement contract**

↪ engagement of the parties and contract feasibility

- **Documentation and responsibilities of the different parties**

↪ policy, planification, permanent improvement, management of competences

- **Surveillance, measuring and improvement**

↪ traceability, internal audit, control, corrective and preventive action

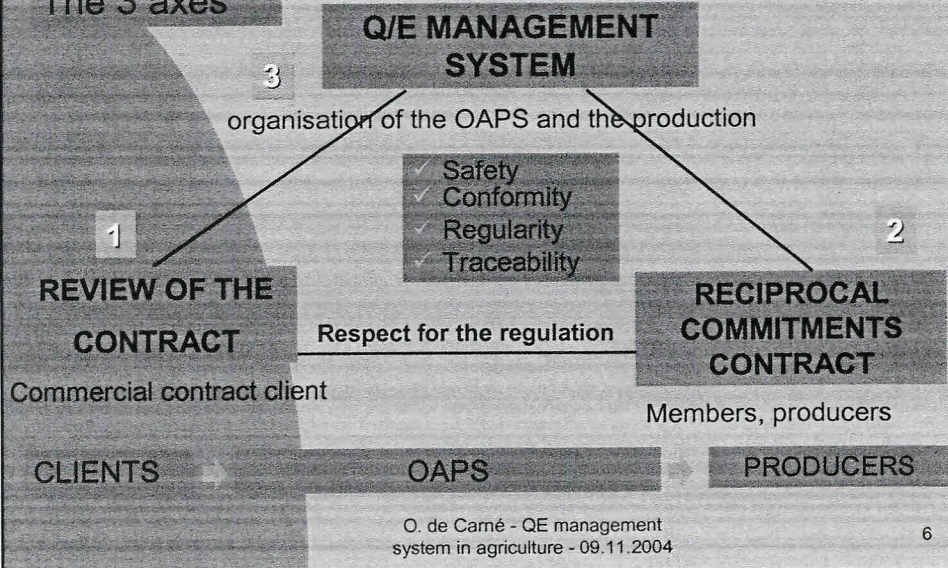
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Description of the NF V 01-007 draft standard

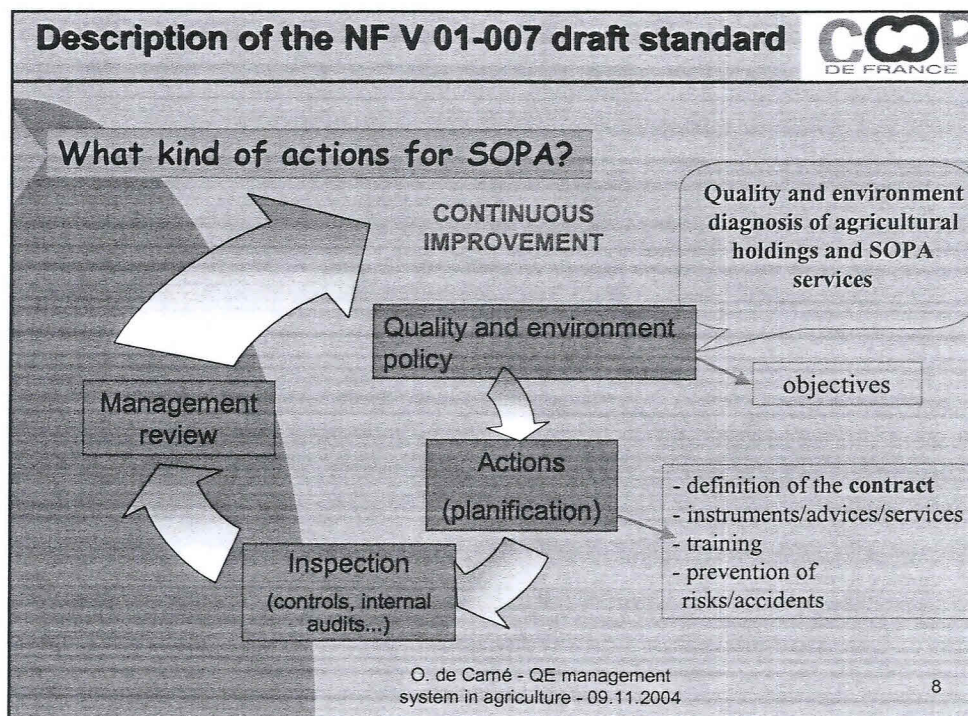
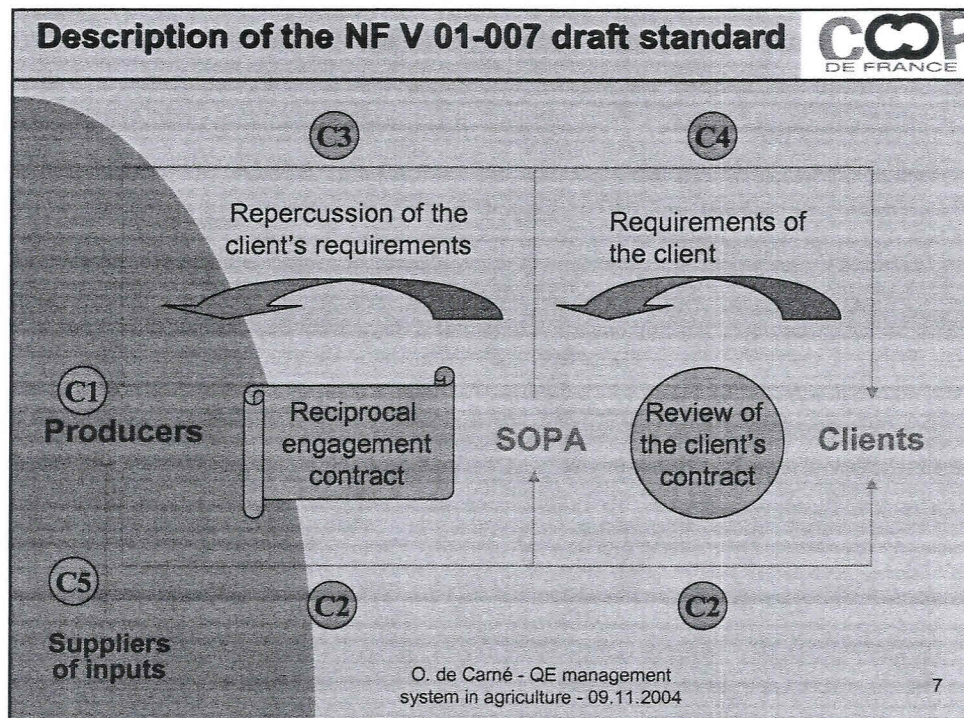


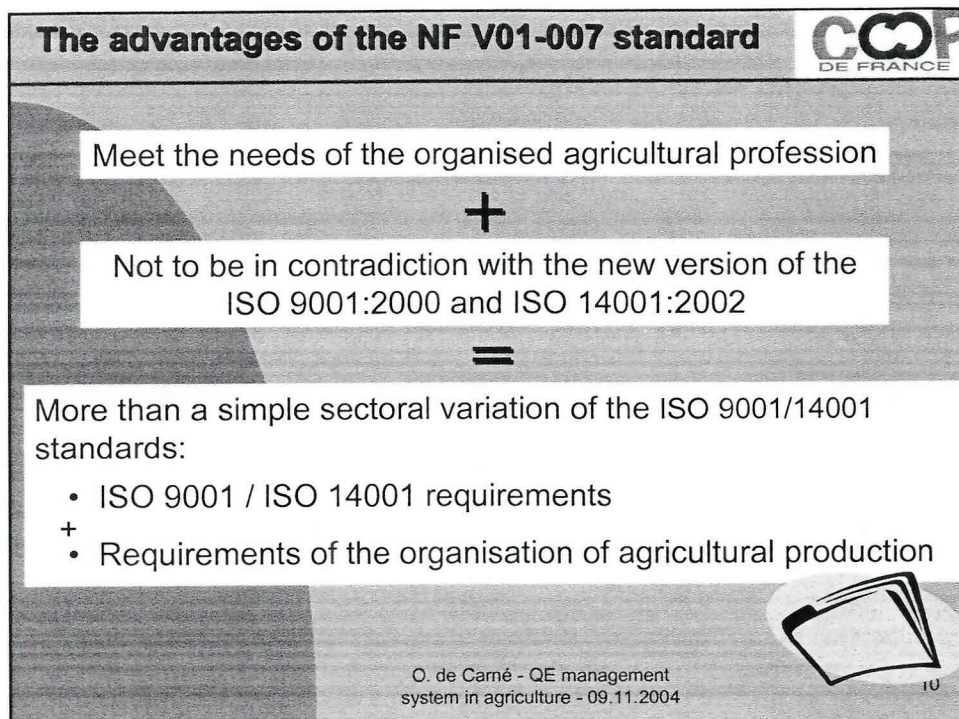
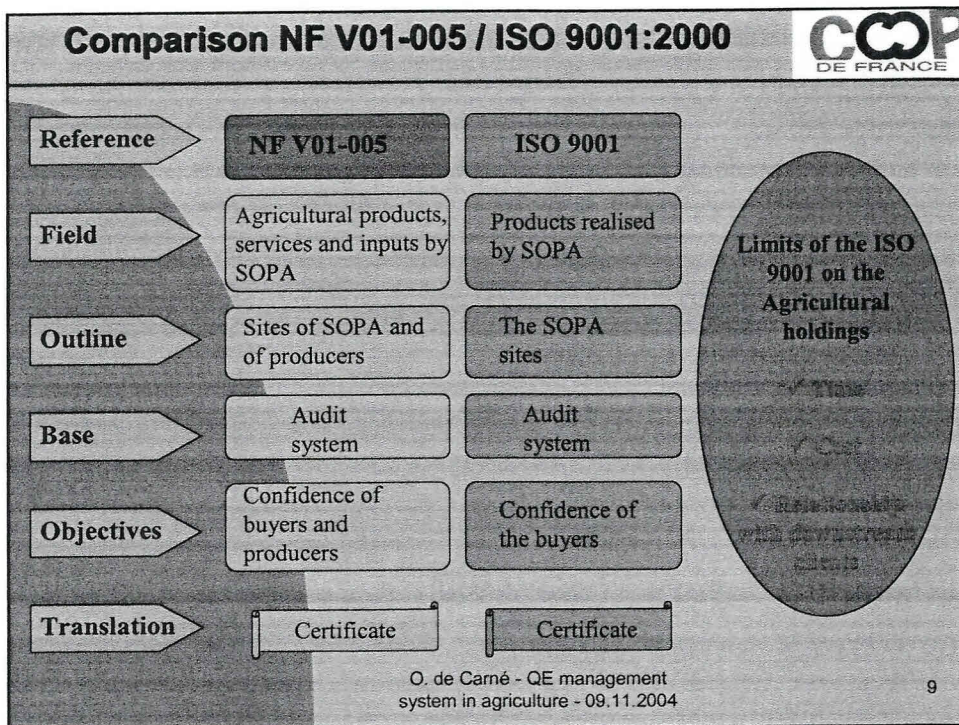
The 3 axes

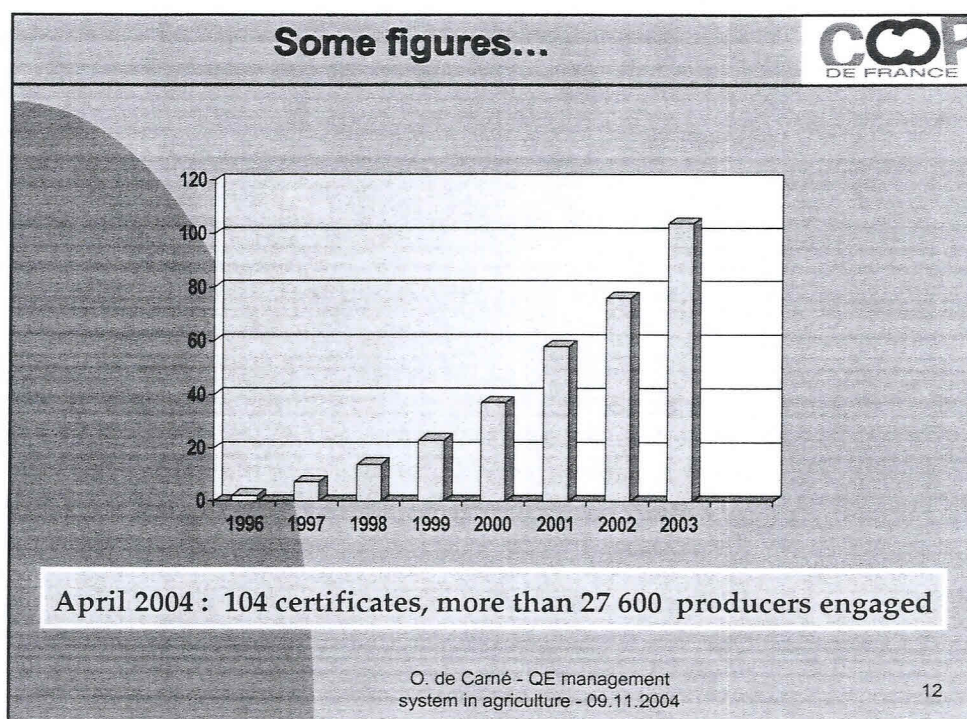
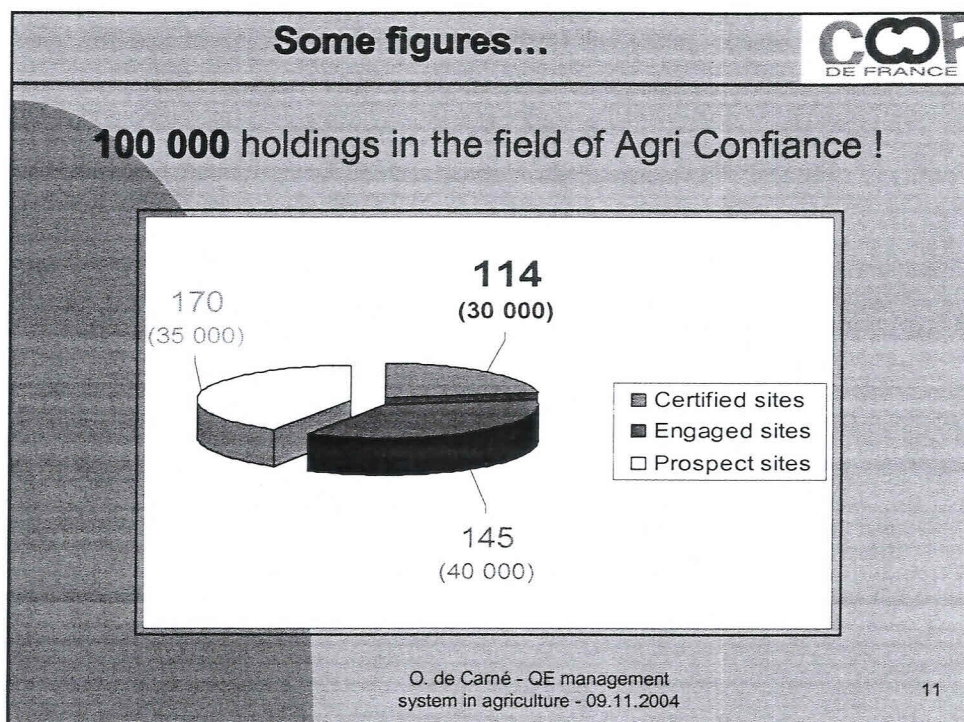


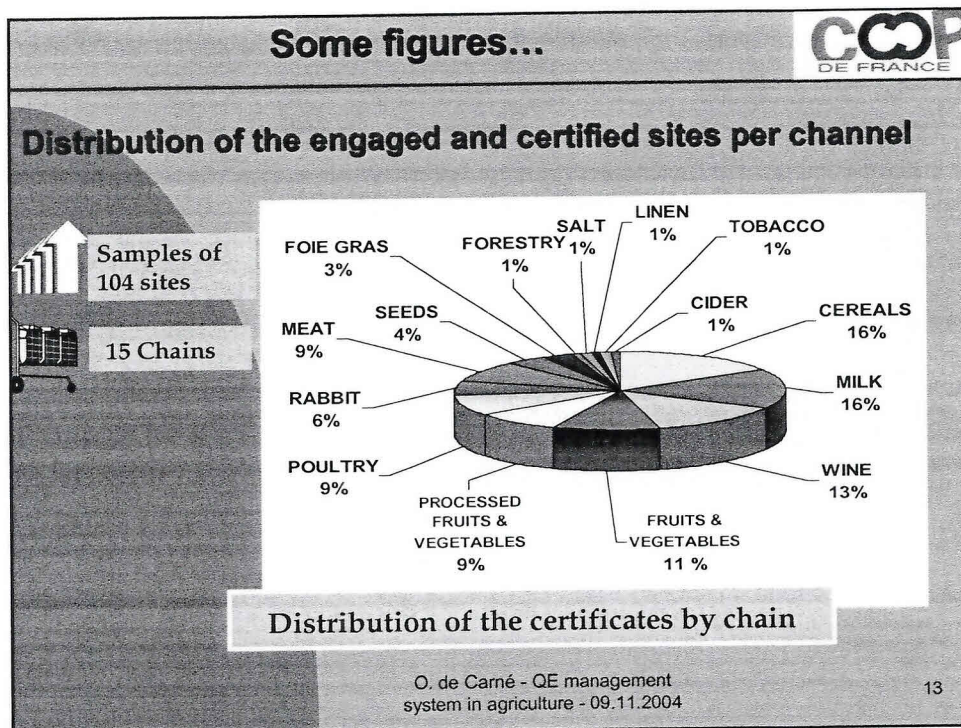
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6









Draft European standardization

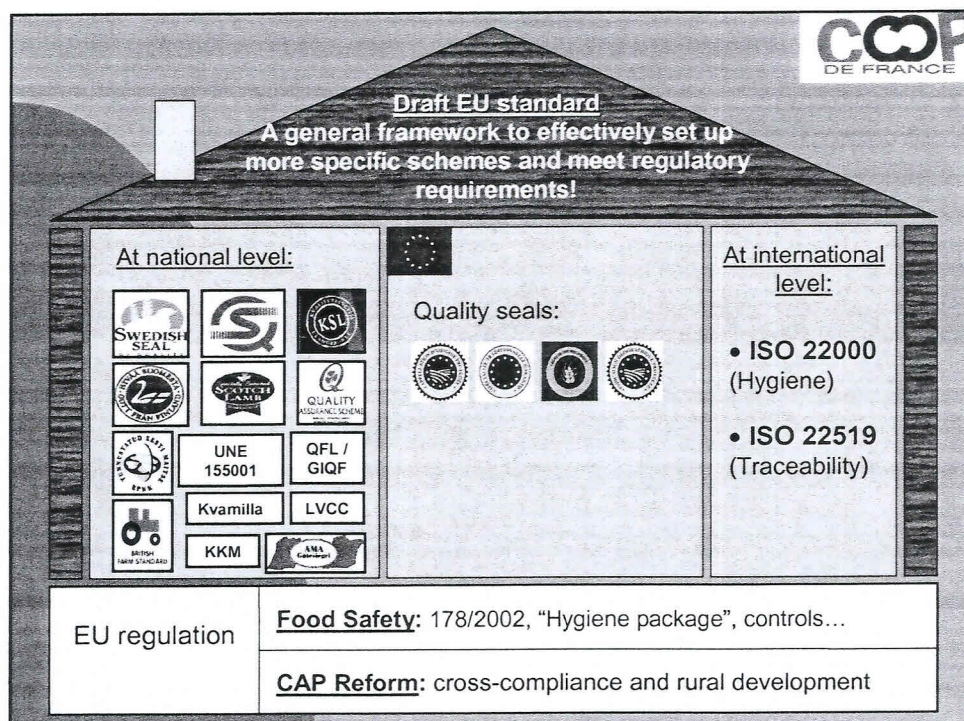
COOP DE FRANCE

Objectives

- **Set up a general normative base**, common with all the european countries and able to incorporate effectively more specific national approaches,
- **Favour the comprehension** between operators of the member states in order to:
 - ☞ *meet the common expectations of the European markets,*
 - ☞ *search for a transversal coherence in the agro-food sector,*
 - ☞ *meet the expectations of the consumers in the field of food safety and of environment.*

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14

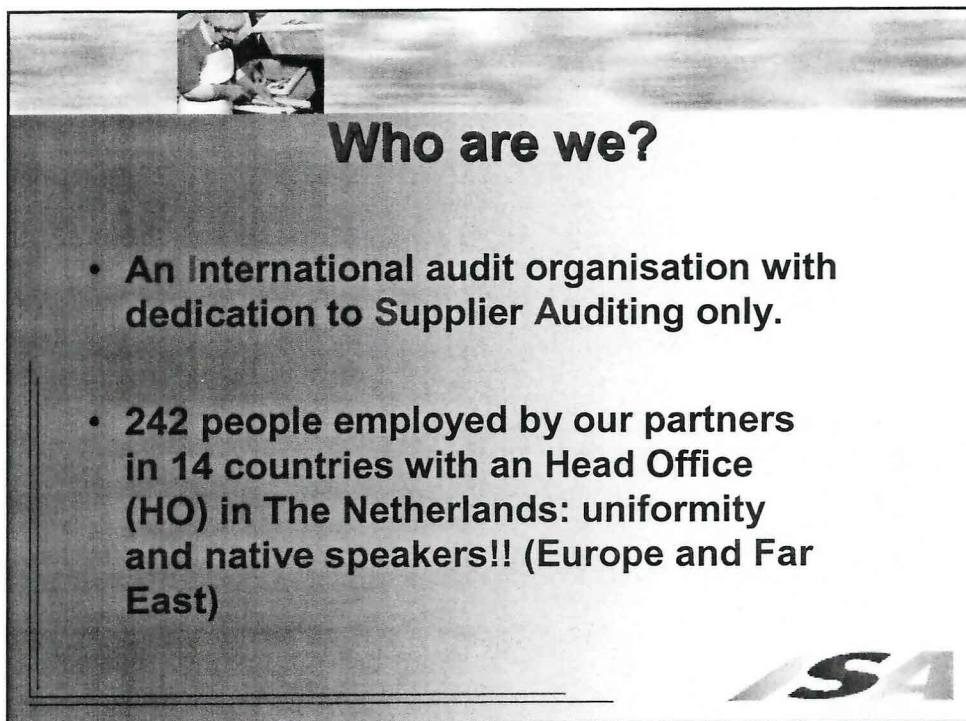




Moderator of today:

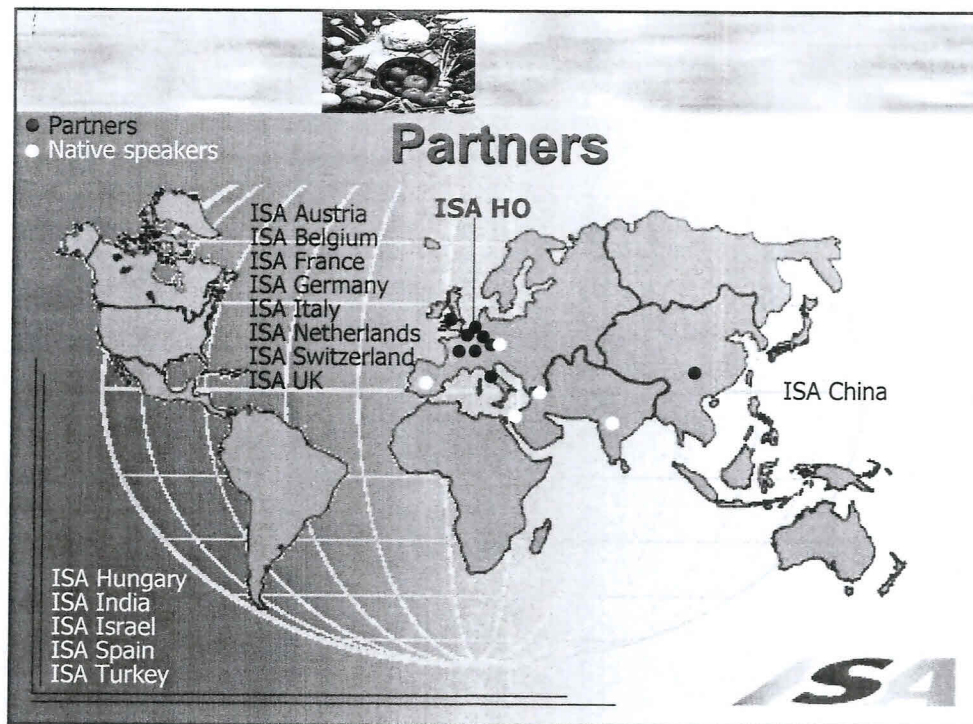
Marjan Smit

Managing Director
International Supplier Auditing bv



Who are we?

- An International audit organisation with dedication to Supplier Auditing only.
- 242 people employed by our partners in 14 countries with an Head Office (HO) in The Netherlands: uniformity and native speakers!! (Europe and Far East)



Auditing standards

3rd Party auditing standards:

- BRC Global Standard-Food & BRC-IOP
- GMP+
- IFS
- Int. GMP standard for Corrugated and Solid board
- KAT
- Eurep Gap

FOOD CERT

SALESH RETAIL CONSUMER

GMP

FEPCO

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ISA

