

GLOBALG.A.P.

The Global Partnership for Good Agricultural Practice



STANDARD MANAGEMENT LIVESTOCK AND FEED

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GLOBALG.A.P - WORLDBANK – OCT 2010



LIVESTOCK MODULES

OUTLINE OF PRESENTATION

- **Introduction**
- Contents of IFA Standard
- Livestock Modules
- Compound Feed Manufacturing
- Species specific issues
- Conclusions



G.A.P CERTIFICATION FOR LIVESTOCK

Integrated Farm Assurance Standard

Compound Feed Manufacturing Standard

Livestock Transport Standard
(to be published early 2011)



WHY ON-FARM CERTIFICATION OF LIVESTOCK?

- Reducing food safety risks
- Growing consumers' demand for certified livestock products
- Becoming a validated producer and supplier to retailers / exporters
- Achieving competitiveness in an emerging global market
- Reducing costs via harmonisation of buyer requirements



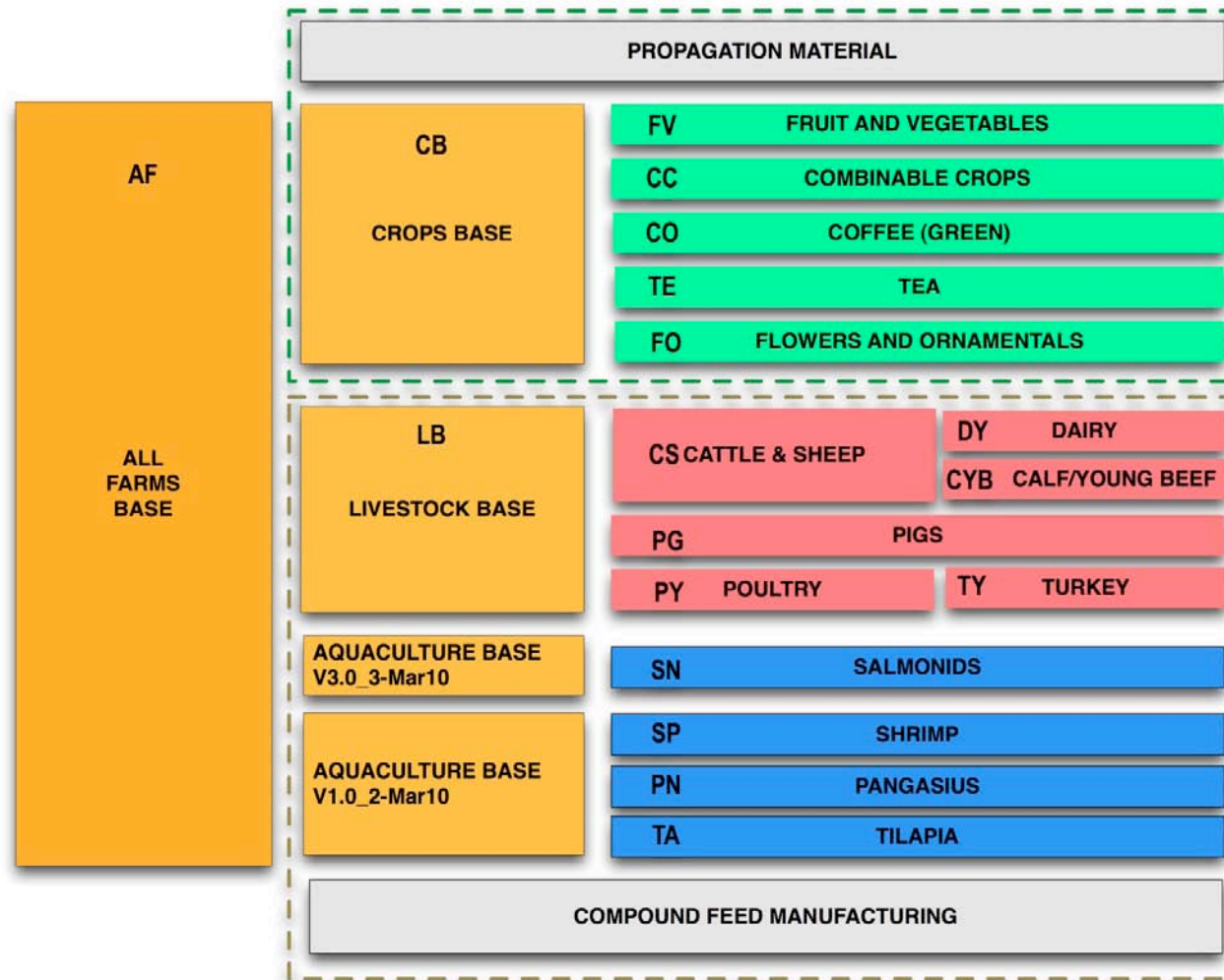
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THE STANDARD STRUCTURE



THE STANDARD'S BASIC PRINCIPLE

SHOW BY EVIDENCES

- What you do
- How you do it
- How you document and assure





DOCUMENTATION AND TRACEABILITY

Documentation of production

Availability of detailed records for each product

Identification of producer

Need for unique identification of producer

Traceability of product

Legal requirement and/or requirement of purchaser





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NUMBER OF CPCCs LIVESTOCK SCOPES

VERSION 4 OF IFA STANDARD

- All Farm Base **51**
- All Livestock Base **105**
- Cattle and Sheep **30**
- Dairy **57**
- Calf/ Young Beef **43**
- Pigs **82**
- Poultry **156**
- Turkey **101**

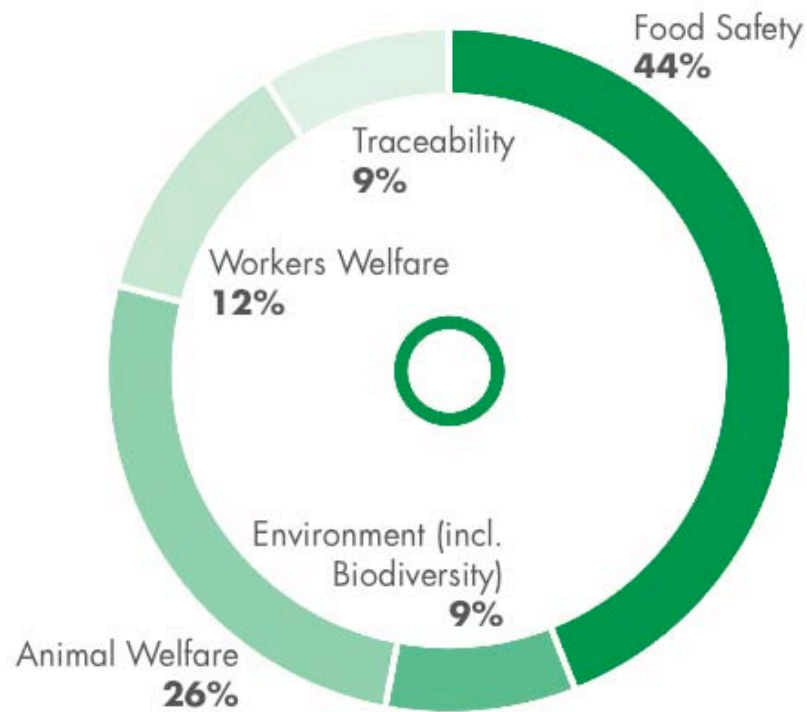


HOLISTIC APPROACH

LIVESTOCK SCOPES V 4

HOLISTIC APPROACH LIVESTOCK

Average percentage of the six modules, e.g. Cattle and Sheep, Dairy, Calf/Young Beef, Poultry, Pigs and Turkey.



ALL FARM BASE STRUCTURE

SECTIONS OF ALL FARM BASE

- AF.1 SITE HISTORY, SITE MANAGEMENT
- AF.2 RECORD KEEPING AND INTERNAL SELF-ASSESSMENT/INTERNAL INSPEC.
- AF.3 WORKERS HEALTH, SAFETY AND WELFARE
- AF.4 SUBCONTRACTORS
- AF.5 WASTE POLLUTION MANAGEMENT, RECYCLING AND RE-USE
- AF.6 ENVIRONMENT AND CONSERVATION
- AF.7 COMPLAINTS
- AF.8 RECALL/WITHDRAWAL PROCEDURE
- AF.9 FOOD DEFENCE
- AF.10 GLOBALG.A.P STATUS
- AF.11 LOGO USE
- AF.12 TRACEABILITY AND SEGREGATION

12 Sections for 51 CPCCs

ANNEX AF 1. GUIDELINE RISK ASSESSMENT – GENERAL

ANNEX AF 2. GUIDELINE RISK ASSESSMENT – SOIL MANAGEMENT



ALL LIVESTOCK BASE STRUCTURE

SECTIONS OF ALL LIVESTOCK BASE

- LB.1 SITE
- LB.2 WORKER HEALTH, SAFETY AND WELFARE
- LB.3 LIVESTOCK SOURCING, IDENTIFICATION AND TRACEABILITY
- LB.4 LIVESTOCK FEED AND WATER
- LB.5 LIVESTOCK HOUSING AND FACILITIES
- LB.6 LIVESTOCK HEALTH
- LB.7 MEDICINES
- LB.8 FALLEN STOCK DISPOSAL
- LB.9 LIVESTOCK DISPATCH

9 Sections for 105 CPCCs



CATTLE AND SHEEP MODULE STRUCTURE

SECTIONS OF CATTLE AND SHEEP

CS.1 IDENTIFICATION AND TRACEABILITY

6 Sections for 30 CPCCs

CS.2 BREEDING AND YOUNG STOCK

CS.3 FEED, FORAGE

CS.4 HOUSING AND FACILITIES

CS.5 HYGIENE

CS.6 HANDLING



DAIRY MODULE STRUCTURE

SECTIONS OF DAIRY

- DY.1 LEGAL REGISTRATION
- DY.2 FEED
- DY.3 HOUSING AND FACILITIES
- DY.4 DAIRY HEALTH
- DY.5 MILKING
- DY.6 MILKING FACILITIES
- DY.7 HYGIENE
- DY.8 CLEANING AGENTS AND OTHER CHEMICALS

8 Sections for 57 CPCCs



CALF / YOUNG BEEF MODULE STRUCTURE

SECTIONS OF CALF AND YOUNG BEEF

CYB.1 GENERAL PROVISIONS

9 Sections for 57 CPCCs

CYB.2 IDENTIFICATION AND TRACEABILITY

CYB.3 FEED AND WATER

CYB.4 HOUSING AND FACILITIES

CYB.5 CALVES' HEALTH

CYB.6 LOADING TO DISPATCH AND SLAUGHTER

CYB.7 CASUALTY CALVES AND FALLEN STOCK

CYB.8 FINDINGS

CYB.9 OUTDOOR CALVES



PIGS MODULE STRUCTURE

SECTIONS OF PIGS

- PG.1 STOCK SOURCING
- PG.2 PIG IDENTIFICATION
- PG.3 YOUNG STOCK
- PG.4 FEED AND WATER
- PG.5 HOUSING AND FACILITIES
- PG.6 OUTDOOR PIGS (N/A if no Outdoor Pigs)
- PG.7 MECHANICAL EQUIPMENT
- PG.8 PIG HEALTH
- PG.9 HYGIENE AND PEST CONTROL
- PG.10 HANDLING
- PG.11 LOADING TO DISPATCH FOR SLAUGHTER
- PG.12 CASUALTY PIGS AND FALLEN STOCK
- PG.13 FINDINGS

13 Sections for 82 CPCCs



POULTRY MODULE STRUCTURE

SECTION POULTRY

- PY.1 STOCK SOURCING
- PY.2 BREEDING (PARENT) FLOCK (N/A if no Breeding)
- PY.3 HATCHERY
- PY.4 FEED AND WATER
- PY.5 HOUSED POULTRY
- PY.6 OUTDOOR
- PY.7 MECHANICAL EQUIPMENT
- PY.8 POULTRY HEALTH
- PY.9 HYGIENE AND PEST CONTROL
- PY.10 HANDLING
- PY.11 RESIDUE MONITORING
- PY.12 EMERGENCY PROCEDURES
- PY.13 INSPECTION
- PY.14 WORKERS
- PY.15 HUMANE SLAUGHTER OF CASUALTY POULTRY
- PY.16 DISPATCH AND TRANSPORTATION

13 Sections for 156 CPCCs



TURKEY MODULE STRUCTURE

SECTIONS TURKEY

- TY.1 PROVISIONS FOR TURKEY POULTS
- TY.2 FEED AND WATER
- TY.3 HOUSED TURKEY
- TY.4 OUTDOOR TURKEY
- TY.5 MECHANICAL EQUIPMENT
- TY.6 ANIMAL HEALTH
- TY.7 HYGIENE AND PEST CONTROL
- TY.8 HANDLING AND INSPECTION
- TY.9 RESIDUE MONITORING
- TY.10 EMERGENCY PROCEDURES
- TY.11 WORKERS
- TY.12 HUMANE SLAUGHTER OF CASUALTY POULTRY
- TY.13 DISPATCH AND TRANSPORTATION

13 Sections for 156 CPCCs



PARALLEL PRODUCTION

- Parallel production of one legal entity on different premises
- Segregation of animals of one producer into GLOBALGAP approved and non approved livestock possible
- Permanent segregation of stock required

Applies as from V4 (2011) to all livestock scopes





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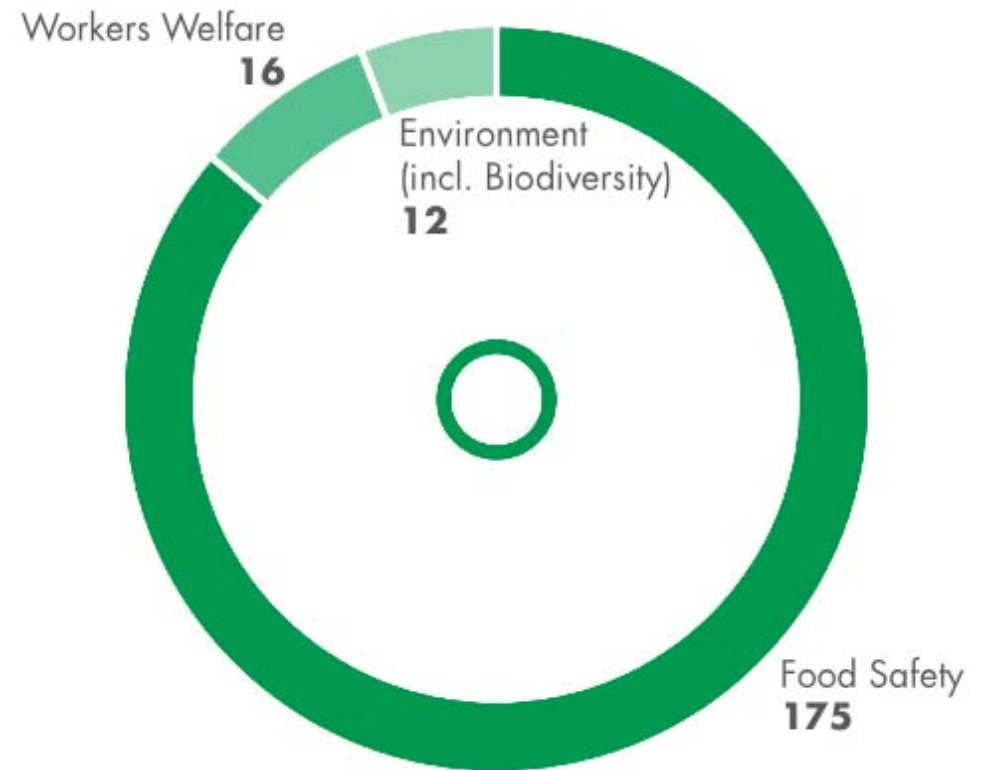


COMPOUND FEED MANUFACTURING STANDARD

HOLISTIC APPROACH

GLOBALG.A.P.'s CFM –

The first global compound feed manufacturing and reference standard linked to farm assurance and recognized by retailers





COMPOUND FEED

OUTLINE

- Contents of CFM Standard
- Definitions
- Quality assurance of feed ingredients
- Species specific issues





CFM WHY?

Livestock Base Control Point 4.1.2:

Has compound feed been manufactured by and obtained from a source approved by GLOBALG.A.P?





CFM WHY?

LIVESTOCK BASE Compliance Criteria 4.1.2:

- The actual CFM production location where the feed is sourced from must be certified against the:
- GLOBALG.A.P CFM Standard or
- a standard that has been successfully benchmarked against the GLOBALG.A.P (EUREPGAP) CFM Standard or
- an ISO/IEC Guide 65 or ISO/IEC 17021:2006 accredited feed scheme, within 12 months of the producer's registration with GLOBALG.A.P
- The production location must be registered in the GLOBALG.A.P Database with a certificate number that will link it to the producer



CFM SCOPE

SCOPE OF COMPOUND FEED MANUFACTURING STANDARD

- The scope of this standard **covers** all production steps from purchase handling and storage to processing and distribution of compound feed for food producing animals
- This **excludes** the production of ingredients such as forage or grains (Simple Feed Materials), pre-mixtures, additives or medications (Prepared Feed Supplements) etc.
- **but covers** the production of Compound Feeds (which can be complete or complementary), that may be produced using any or all of these ingredients as raw materials
- The production of **home mixed feeds** which do not leave the farm where they were produced and grazing/foraging for animals is **not covered** by this standard

CFM SCOPE

SCOPE OF COMPOUND FEED MANUFACTURING STANDARD

The scope of this standard covers feed for animals of

- **Mammalian**
- **Avian**
- **Aquaculture**

• species fed with compound feed and certified according to GLOBALG.A.P. IFA-Standard!





CFM HOMEMIXERS?

Livestock base 4.1.8

Do home-mixers source from January 2011 only certified GLOBALG.A.P combinable crops for mixing feed?

Scope of CFM:

The production of **home mixed feeds** which do not leave the farm where they were produced and grazing/foraging for animals is **not covered** by the GLOBALG.A.P. CFM standard.



CFM STRUCTURE

204 Control Points

- 170 Major Musts
- 33 Minor Musts
- 1 Recommendation

14 Sections

3 Guidelines



CFM STRUCTURE

CHAPTERS OF COMPOUND FEED MANUFACTURING STANDARD

1. Official Approval of the site
 2. Workers Health, Safety and Welfare
 3. Quality Management System (HACCP)
 4. Internal Audits
 5. Feed Ingredients Management
 6. Storage Facilities on Site
 7. Processing,
 8. Finished Feed - Transport and Loading
 9. Site Hygiene and Management
 10. Quality Control of Finished Feed
 11. Ingredients Declaration
 12. Complaints
 13. Documentation and Traceability
 14. Animal Proteins
- 14 Sections for 204 CPCCs



CFM STANDARD SETTING PROCEDURE

- First draft based on experts knowledge
(Jan. 2009)
- Discussion and agreement in Feed Expert Group
- Discussion / agreement sector committees
(SC) LS & AC
- 1st Public Consultation 60 days
(Feb./March 2009) →SC
- Trial Audits (Europe, Asia, South America)
- 2nd Public Consultation 60 days
(Aug./Sept. 2009) →SC
- 3rd Public Consultation 14 days
(December 2009) →SC
- Approval by the Board of GLOBALGAP
- Official Launch March 2010
- Valid from 02 March 2010
- Obligatory from 01 January 2011



CFM STRUCTURE - DEFINITIONS

Compound Animal Feed:

- A mixture of products of vegetable or animal origin in their natural state, fresh or preserved, or products derived from the industrial processing thereof, or organic or inorganic substances, whether or not containing additives, for oral feeding in the form of a complete or complementary feed

Feed Materials:

- Various products of vegetable or animal origin, in their natural state, fresh or preserved, and products derived from the industrial processing thereof, and organic or inorganic substances, whether or not containing additives, which are intended for use in oral animal feeding either directly as such, or after processing, in the preparation of compound feeding stuffs or as carriers of premixtures

Veterinary Medications:

- Veterinary medicines as prescribed by a veterinary surgeon and to be added to compound feed as a feed ingredients



CFM STRUCTURE - DEFINITIONS

Undesirable Substances:

- Contaminants and other substances which are present in and/or on feed and feed ingredients and which constitute a risk to consumers' health, including food safety related animal health issues

Veterinary Medicines:

- Any substance or combination of substances with the intention to diagnose, prevent, mitigate, cure or treat a condition or disease in animals including substances with effect on the central nervous system like sedatives and anesthetics, with the exemption of diseases due to deficiency in nutrients, e.g. vitamins, minerals or aminoacids





CFM

QUALITY MANAGEMENT SYSTEM (HACCP)

CP 3.1:

- Is there a quality management system in place, which is recognized by the competent national authorities?

CP 3.2:

- Does the quality system include a formal HACCP risk assessment carried out with the aim of identifying and controlling all potential hazards that might adversely affect the safety of feed ingredients, product during processing and finished feed?





CFM

FEED INGREDIENTS MANAGEMENT

CP 5 ff: (32 CPCCs!)

5.1 Selection and Verification of Suppliers,

5.2 Feed Ingredients Specifications and Risk Assessment

5.3 Procedures for Control of Incoming Feed Ingredients

5.4 Registration of Incoming Feed Ingredients

5.5 Inspection and Sampling

5.6 Analyses of Incoming Feed Ingredients

5.7 Rejection of Deliveries

5.8 Transport of Incoming Feed Ingredients

5.9 Off site Feed Material Stores

3rd Global Feed & Food Conference 2010, Mexico





CFM

STORAGE FACILITIES ON SITE

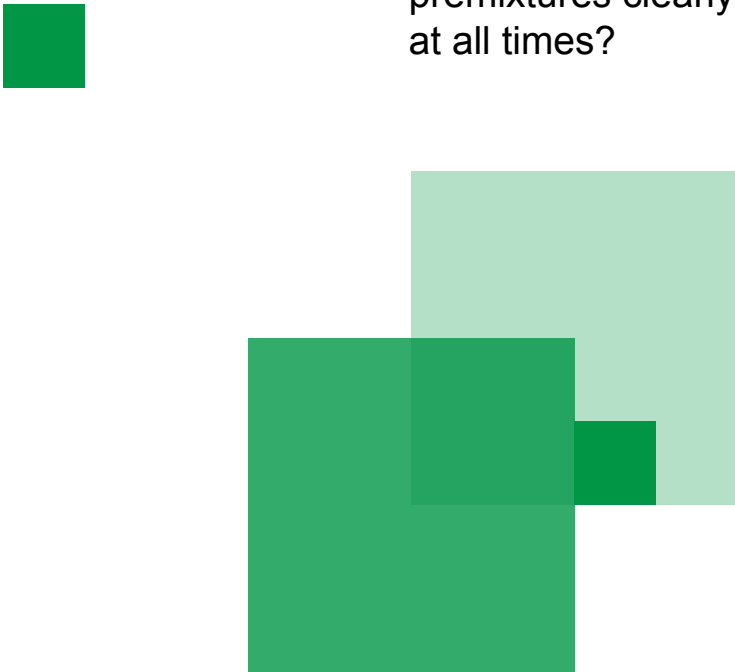
CP 6.4 addresses explicitly:

- Veterinary Medicines, Medicated Premixtures and Feed additives

CP 6.4.2:

- Are veterinary medicines and medicated premixtures stored in an area with restricted access?

CP 6.4.3:

- Are all premixtures, feed additives, veterinary medicines and medicated premixtures clearly labelled and identifiable at all times?
- 



CFM

PROCESSING, FINISHED FEED

CP 7.2.2:

Does the feed specification comply with appropriate legislation of national authority with regard limits for undesirable substances and inclusion of feed additives?

CP 7.2.3:

Is there a specific formulation for each feed type available which identifies the quantity and name of each feed ingredient and which conforms with the written specification?

CP 7.4.9:

Does the HACCP plan identify specific flush and schedule requirements for the manufacture of concentrate feed containing veterinary medicines or specified feed additives?





CFM

INGREDIENTS DECLARATION

CP 11.1:

Is all feed clearly and correctly labelled according to the legislation of the country of origin and destination (s)?





CFM

DOCUMENTACION AND TRACEABILITY

CP 13.4:

When medicated feed is produced, which is required and approved from an authorized veterinarian, is a written request specifying the product name, active ingredient, inclusion level and quantity of feed received and documented from the purchaser??

CP 13.5:

Are detailed records for each batch of feed containing veterinary medicines, medicated premixtures, additives and additive premixtures available?





CFM GUIDELINES

3 GUIDELINES OF COMPOUND FEED MANUFACTURING STANDARD

Guideline 1: Prohibited Materials

List of materials, whose circulation of use for animal nutrition purposes is prohibited

Guideline 2: Haulage Exclusion

Exclusion List for materials of which transport is prohibited at all times and for those materials, whose transport is prohibited unless proof of necessary and appropriate cleaning is presented prior to transport

Guideline 3: Risk Assessment

For developing the company-specific risk assessment, the Compound Feed Manufacturers must consider this guideline





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SPECIES SPECIFIC ISSUES

- Cattle and Sheep
- Dairy
- Pigs
- Poultry
- Turkey
- Calf/ Young Beef



GLOBALG.A.P IFA CATTLE AND SHEEP

SPECIES SPECIFIC ISSUES

Withdrawal Times

Livestock Base 6.6:

- Are withdrawal periods for veterinary medicines known and are they strictly adhered to?
- Are any livestock subsequently sold to another farm before the withdrawal period has expired, accompanied by written confirmation of the nature and date of treatment and the date that the withdrawal period will be completed?
- Any such livestock must be clearly marked and readily identified as having been treated.



GLOBALG.A.P IFA DAIRY

SPECIES SPECIFIC ISSUES

**Use of Monensin in country of origin
for beef production when beef destined for EU
market?**

Only for therapeutic use!

Country of production and country of destination
rules!

MRL's must be complied with.



GLOBALG.A.P IFA CALF / YOUNG BEEF

SPECIES SPECIFIC ISSUES

CYB 5.4.1

- Iron supply - Hemoglobin Content of Blood Samples
- Producers must safeguard via regular monitoring of blood samples that average Serum Hemoglobin levels are at least 4,5 mmol.



GLOBALG.A.P IFA PIGS

SPECIES SPECIFIC ISSUES

„Top-Dressing“ of CFM sourced from a GLOBALG.A.P certified CF producer with addition of antibiotics on farm?



GLOBALG.A.P IFA POULTRY

SPECIES SPECIFIC ISSUES

Use of Coccidiostats ?

- According to legislation
- According to VHP
- Producer must be part of monitoring system
- Residue monitoring / MRL compliance





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GLOBALG.A.P RULES

CERTIFICATION OPTIONS

Option 2/4: Producer Group

- Farmer group is the certificate holder
- Annual internal inspection of all producer group members
- Quality Management System (QMS)
- Annual internal audit of the QMS
- Annual external inspection
- Sample Individual producers

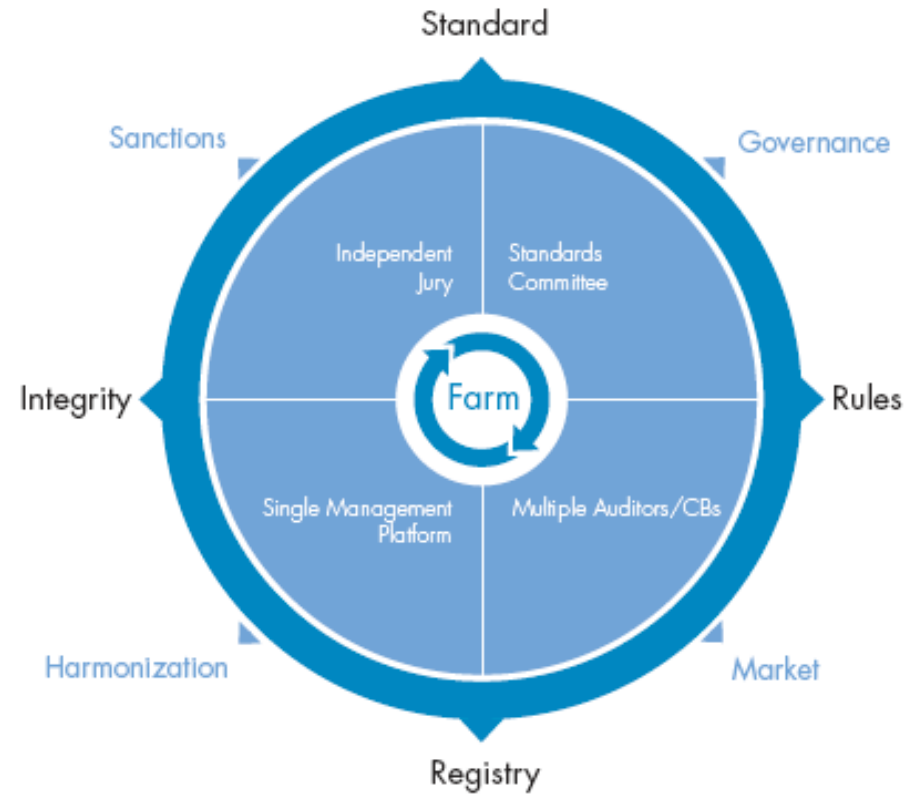


Option 1/3: Individual Producer

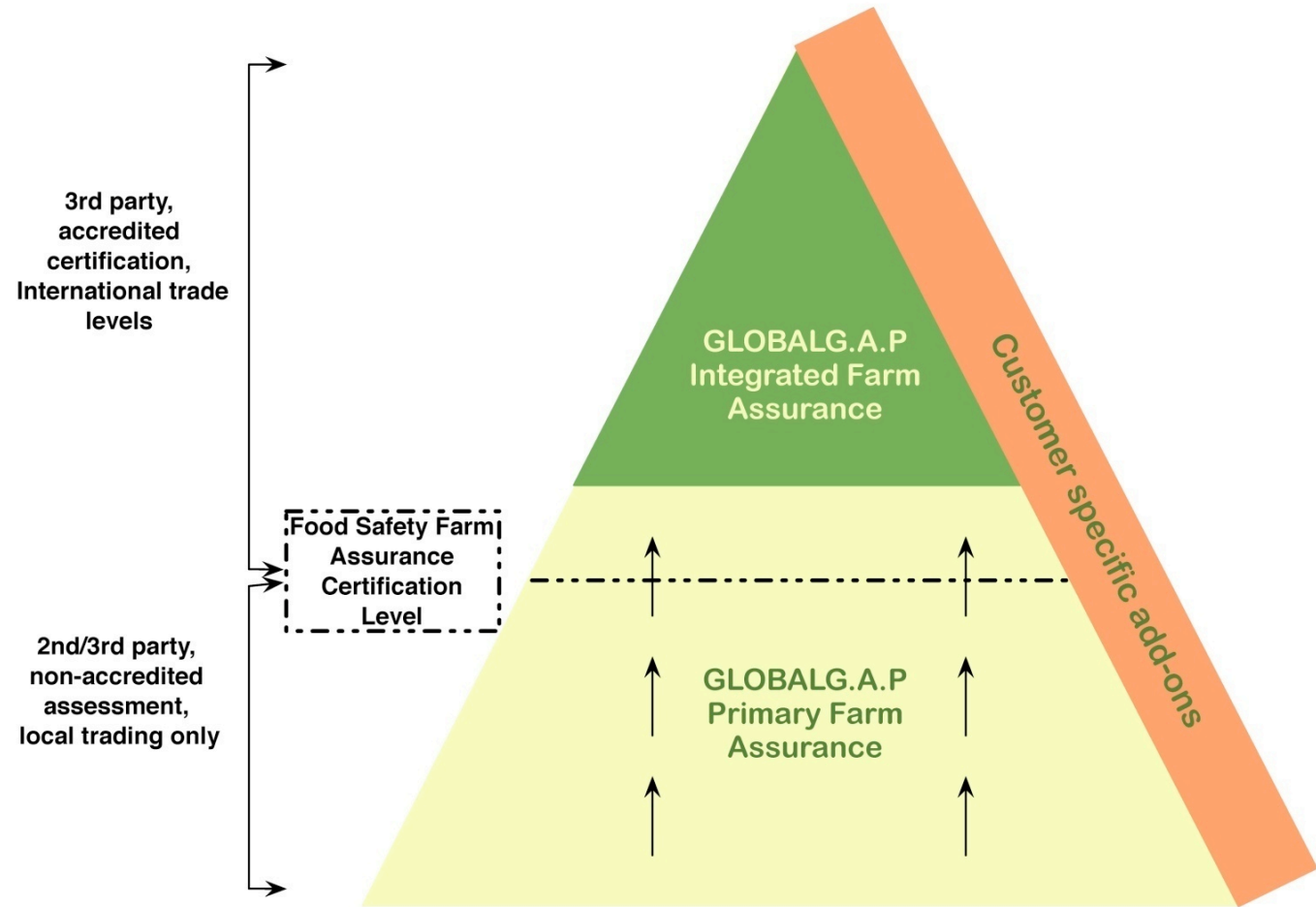
- The individual producer is the certificate holder
- Farmer self assessment
- Annual external inspection



WHAT CAN GLOBALG.A.P. CONTRIBUTE?



PFA – PRIMARY FARM ASSURANCE





GENERAL BENEFITS OF PFA

- Where a GLOBALG.A.P certification against the Integrated Farm Assurance (IFA) may be difficult to achieve in one step, engaged supply chain partners use the PFA toolkit to design a tailored subset of GLOBALG.A.P requirements and implement a stepwise approach within their agricultural supplier base in particular for local and national markets
- A sponsoring supply chain organization (the “PFA Sponsor”) profiles their customer driven requirements based on the existing IFA standard. Producer will have a time period by when to comply with the GLOBALG.A.P standard





WHAT CAN GLOBALG.A.P CONTRIBUTE?

INTERNATIONAL AND JOINT ASSESSMENT AND MONITORING TOOL

- Primary Farm Assurance
- Step-wise approach
- Flexible
- International
- Retail and manufacturers in partnership with producers
- Private-Public Partnership





GLOBALG.A.P STANDARDS DOCUMENTATION

DOCUMENTS AT INTERNET

FREE FOR DOWNLOAD

- All English official documents
- Translations

[www. globalgap.org](http://www.globalgap.org) --> Standards



THANKS FOR YOUR ATTENTION!

QUESTIONS – DISCUSSION – CONTACT US

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