WHAT'S NEW?

INTEGRATED FARM ASSURANCE (IFA)

HOPS
COMMUNICATION DURING OUR WEBINAR TODAY

If you have a question, please indicate by raising your hand. (Virtually – the button is next to the 3 dots on the taskbar in Teams.) Consider using the chat to write your questions.

In general, keep your microphone muted when you are not talking. This prevents disruption caused by background noises.

We will have a Q&A sessions at the end of each section.

This session will be recorded, but only for internal use. All in agreement?
We’re a global organization with a crucial objective:

SAFE, SUSTAINABLE AGRICULTURE WORLDWIDE.

We set voluntary standards for the certification of agricultural products around the globe – and more and more producers, suppliers and buyers are harmonizing their certification standards to match.
INTRODUCING IFA V6

IFA v6 is GLOBALG.A.P.'s flagship standard in a new and improved format. It has a simplified structure and language, extended criteria on key issues such as sustainability and animal welfare, and – for the first time – continuous improvement at producer level. Overall, it’s a smarter standard, fit for the future.

Elmé Coetzer-Boersma
Managing Director
By the industry, for the industry.

Four public consultation periods took place over two years, including one specific for hops.

We received over 2,300 comments on the IFA V6, and several commenters specific to hops.

The revised standard addresses the needs and demands of the market.
IFA v6 is the latest revision of GLOBALG.A.P.'s flagship standard, IFA.

It takes a holistic approach to farm assurance through the following topics:

- Food Safety
- Legal, Management, Traceability
- Production Processes
- Environmental Sustainability
- Animal Health and Welfare
- Workers' Well-Being

RESPONSIBLE FARMING PRACTICES
Combine add-ons and assurance as required. For example:
IFA v6 was published on 26 April 2022 for the following scopes and product categories:

- Fruit and vegetables (plants scope)
- Hops (plants scope)
- Flowers and ornamentals (plants scope)
- Finfish, crustaceans, molluscs, and seaweed (aquaculture scope)
Launch of IFA v6 (final version) in German, Spanish, Italian, Portuguese, Dutch, French, Japanese

Launch of IFA v6 (interim version) in further languages
German and Spanish

Launch of IFA v6 (interim version)
Publication of English documents

Launch of IFA v6 (edition revision)
**THE MAIN CHANGES**
Compared to version 5

- Certificates **issued at scope level**
- Some key changes to the **GLOBALG.A.P. general regulations**
- Transition from a prescriptive to an **outcome-oriented approach**
- Streamlined, **customized checklists**
- Stronger focus on **environmental/sustainability issues**
- Introduction of a **continuous improvement plan** for producers
- **Two IFA v6 FV editions**: one adapted for GFSI recognition
SCOPES AND PRODUCT CATEGORIES

An explanation

• IFA v6 is available for multiple scopes and product categories.
• Each product category has its own checklist.
• The crops scope is now called plants.
• Sub-scopes are now called product categories.
TWO IFA V6 EDITIONS FOR FV
An explanation

For producers with hops and fruit and vegetables:
• IFA v6 FV will be available in **two editions**:
  IFA v6 Smart and IFA v6 GFS
• They are available **in parallel** and are **equally valid**.

When referring to IFA v6:
If an edition is not specified by name (Smart/GFS), both IFA v6 editions are meant.
TWO IFA V6 EDITIONS
An overview

IFA v6 Smart

Why Smart?
“Smart” fully embodies our vision of GLOBALG.A.P. farm assurance solutions.

Flagship edition, broadly applicable
By stakeholders, for stakeholders
Six topics for responsible farming practices
100% outcome-oriented, customized checklists; accepted for PHA, BRC, and IFS certified post-farm gate product handling units
TWO IFA V6 EDITIONS
An overview

IFA v6 GFS

Applicable for smaller number of producers
Driven largely by US markets
Six topics for responsible farming practices
Adapted for GFSI recognition (prescriptive requirements); accepted for PHA, BRC, and IFS certified post-farm gate product handling units

The application for GFSI benchmarking for IFA v6 GFS will take place in mid 2022.
TWO IFA V6 EDITIONS
Scopes and product categories

Producers who do not require certification with GFSI recognition

Producers who require certification with GFSI recognition (mostly US markets)

Producers with hops and fruit and vegetables (require GFSI recognition) would do IFA SMART HOPS and IFA GFS FV, utilizing the customized checklist
Questions so far?

Raise hand or unmute.
IFA V6 AND THE NEW ERA OF SMART FARM ASSURANCE SOLUTIONS
How will it impact you?
ELIGIBILITY

• Covers hundreds of products
• Covers all types of production systems, e.g., hydroponics and covered or uncovered production areas
• Get certified in any country where a GLOBALG.A.P. approved CB is willing to conduct an audit
• Smallholders and large-scale producers – certification options for every size and type of farm
• Self-assessment contains comments for all not applicable and non-compliant Major Must and Minor Must principles and criteria.

• 10% of recertification audits by CBs must be unannounced.

• Three-year cycle rule (with annual on-site audit)
  - Initial audit (for v6): All requirements are included in the applicable checklists
  - Subsequent 2 (operational items, as identified in the checklist)
  - Subsequent 3 (operational items, as identified in the checklist)
IMPORTANT CHANGES TO THE GLOBALG.A.P. GENERAL REGULATIONS

• Changed fee table: some increase, some decrease.

• More guidance documents available: Site Management, IPM, Risk Assessments

• New IT Systems for CBs: Audit Online Hub and Validation Service
GLOBALG.A.P. Audit Online Hub

- Official reports directly from GLOBALG.A.P. IT System
- Faster generation of audit decisions
- Uniform reports across CBs

Collection of data supports: remote CB and integrity assessments, collection of NCs, continuous improvement for standard development
GLOBALG.A.P. Validation Service

- Official certificates directly from GLOBALG.A.P.
- Faster generation of certificates
- Uniform certificate across CBs
- Easier to manage updates to existing certificates
- Verification of certification status by GGN
Certification status is visible in the **GLOBALG.A.P. IT systems**. Additional audit information may be visible depending on data access rights.

<table>
<thead>
<tr>
<th>Product</th>
<th>GLOBALG.A.P. certificate no.</th>
<th>Cycle</th>
<th>Status</th>
<th>Certified/assessed process</th>
<th>Checklist</th>
<th>Valid to</th>
<th>Scheme GR</th>
<th>Scheme CPCC</th>
<th>Option</th>
<th>Multisite</th>
<th>Countries of destination</th>
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<tbody>
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<td>Lettuce</td>
<td>00006-HLFL-0003</td>
<td>Current</td>
<td>Yes</td>
<td>No checklists available</td>
<td>27/07/2022</td>
<td>GLOBALG.A.P. GR version 5.2</td>
<td>GLOBALG.A.P. CPCC version 5.2</td>
<td>1</td>
<td>Multisite w/o QMS</td>
<td>JP, THA</td>
<td></td>
</tr>
</tbody>
</table>

- **Certificate expiration date**
- **Countries of destination**
- **Audit information**
IFA v6 for hops covers the entire primary production process.

Principles and criteria include topics such as:

- Food safety
- Biodiversity and habitats
- Waste management
- Water management
- Management and traceability
- Energy efficiency
- Fertilizers and biostimulants
- Integrated pest management
- Plant protection products
- Workers’ health, safety, and welfare
- Hygiene
- Traceability
**STREAMLINED, CUSTOMIZED CHECKLISTS**

How is this achieved?

**Reduced number** of principles and criteria in IFA v6 compared to IFA v5.

<table>
<thead>
<tr>
<th>Level</th>
<th>V5</th>
<th>V6 Hops</th>
<th>V6 FV Smart</th>
<th>V6 FV GFS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Musts</td>
<td>89</td>
<td>101</td>
<td>102</td>
<td>117</td>
</tr>
<tr>
<td>Minor Musts</td>
<td>134</td>
<td>75</td>
<td>68</td>
<td>54</td>
</tr>
<tr>
<td>Recommendations</td>
<td>14</td>
<td>20</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>Total</td>
<td>237</td>
<td>196</td>
<td>190</td>
<td>191</td>
</tr>
</tbody>
</table>

Customized checklists: **risk-based approach and pre-scope questions.**
CUSTOMIZED PRINCIPLES AND CRITERIA IN PRACTICE
An example

Risk
Irrigation system on farm

Accompanying principles and criteria
E.g., “Tools are routinely used to calculate and optimize crop irrigation” and “Restrictions indicated in water/permits are complied with.”

Reason for being not applicable
The producer only uses rainwater on their farm and no irrigation system.

Solution
Principles and criteria related to irrigation systems are marked as not applicable on the checklist for this producer.
The IFA v6 approach focuses on the outcomes achieved, rather than the specific measures.

“Control points” and “compliance criteria” from IFA v5 are therefore replaced by “principles” and “criteria” in IFA v6.

**Principles**
- **Rules** that set the foundation of a GLOBALG.A.P. requirement.
- **Statement** instead of question form.
- Describe the **outcome** to achieve.

**Criteria**
- **Methods** that producers can use to demonstrate a principle to be true.
- Compliance can be evidenced by **data**, a **procedure**, a **record**, etc.

**OUTCOME-ORIENTED APPROACH**
What is it?

<table>
<thead>
<tr>
<th>Principles</th>
<th>Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Rules that set the foundation of a GLOBALG.A.P. requirement.</td>
<td>• Methods that producers can use to demonstrate a principle to be true.</td>
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<td>• Statement instead of question form.</td>
<td>• Compliance can be evidenced by data, a procedure, a record, etc.</td>
</tr>
<tr>
<td>• Describe the outcome to achieve.</td>
<td></td>
</tr>
</tbody>
</table>

**Principles are graded** as Major Musts, Minor Musts, or Recommendations.
STREAMLINED, CUSTOMIZED CHECKLISTS

How is this achieved?

Holistic Approach

- 42% production processes, food safety
- 29% environmental sustainability
- 23% legal, management, and traceability
- 13% workers’ well-being
A STRONGER FOCUS ON SUSTAINABILITY

How?

Environmental sustainability is a major focus of IFA v6.

New sustainability topics in IFA v6:

• Greenhouse gases and climate change: contribution to measure and reduce GHG
• Ecosystem restoration: awareness and action on invasive species
• Plastics management: waste identification and management (minor to Major)
• Carbon neutrality: record energy usage, move towards renewable energy
• The farm as an agricultural ecosystem: include in risk assessments, land conversion consideration
**A STRONGER FOCUS ON SUSTAINABILITY**

**How?**

**Environmental sustainability** is a major focus of IFA v6.

**Updated sustainability topics in IFA v6:**

- Biodiversity: enhancement through IPM
- Integrated pest management: changes in level and explanation
- Soil management and conservation: formation of organic carbon in soils
- Water management: recording of metrics
- Energy efficiency: recording of metrics, including drying facilities
- Fertilizers: recording of metrics
- Plant protection products: recording of metrics
There is evidence that the provided personal protective equipment (PPE) is used by the workers.

Workers are informed of their rights related to the standard and there is a grievance mechanism available and implemented through which workers can file concerns in a confidential way and without fear of retaliation.
CONTINUOUS IMPROVEMENT AT FARM LEVEL
New for IFA v6

1. Producer analyzes current practices using real data
2. Reporting is used to identify areas that can be improved
3. Producer sets measurable goals for improvement
4. New measures are implemented in farm practices
5. Implementation is checked and progress reviewed at annual CB audit
6. The continuous improvement plan is revised based on progress
Streamlined is a major goal of IFA v6. What does this mean?

- Merged principles: fertilizer records, PPP records, PPP storage, food fraud, specifications, etc.
- Modified principles: focus on evidence rather than documentation
- Detailed guidance: criteria contains guidance where additional explanation is necessary, e.g., IPM, wildlife plan
HOP specific criteria remains mostly intact

- Hop standard already references hop facilities and equipment

- Cleaning and sanitation recognized as industry standards (dry cleaning in season)

- References to other products or non-relevant clauses have been removed, e.g., reference to cranberries

- Some changes to level changed or are different from FV, e.g., nonrenewable energy

Full Summary of Changes available in the Document Center.
**What is the transition period from IFA v5 to v6?**

- **26 April 2022**: Publication of IFA v6 interim version.
- **August 2022**: CB training.
- **September 2022**: Publication of IFA v6 final version.
- **1 May 2023**: IFA v6 Smart becomes obligatory.
- **30 April 2023**: IFA v6 GFS receives GFSI recognition, estimated Q1 2023.

IFA v5.3 audits possible

IFA v5.3 certificates valid

IFA v5.4-1-GFS audits possible* (FV, AQ)

IFA v5.4-1-GFS certificates valid*

IFA v6 audited possible

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*V5.4-1-GFS remains valid until **three months after** IFA v6 GFS receives GFSI recognition. The exact date for this is still unknown.

**GLOBALG.A.P. may consider to delay Smart obligatory date to meet GFS recognition date.**
Benefits and Summary
IFA v6 in the SMART era
IFA V6 AND SMART FARM ASSURANCE SOLUTIONS
Benefits for producers

- **Streamlined, customized checklists**
  Simpler, more efficient, and customized for the producer – reduced audit time.

- **Transition from a prescriptive to an outcome-oriented approach**
  Focus on outcomes over measures means flexibility in demonstrating compliance.

- **Introduction of a continuous improvement plan**
  Aids the identification of target areas to improve by analyzing practices.

- **Choose the IFA v6 edition that best suits your needs**
  Two parallel editions with the option of GFSI recognition for producers.
IFA V6 AND SMART FARM ASSURANCE SOLUTIONS
Benefits for supply chain stakeholders

- **Stronger focus on sustainability issues**
  New and updated requirements on topics such as plastics, waste, carbon neutrality, etc.

- **Simplified benchmarking for clarity in the market**
  Only equivalent approved modified checklists or benchmarked schemes.

- **Greater integrity**
  Uniform audit reports are generated in a closed system and certificates validated online.
IFA V6 AND SMART FARM ASSURANCE SOLUTIONS
Benefits for CBs

• **A more digital, data-driven certification experience**
  Reduced audit time and environmental impact from less paper use.

• **Certificates issued at scope level**
  Streamlined process with listed product categories rather than multiple certificates.

• **Easier accreditation and auditor qualification**
  Expanded initial training and test without product category limitation later.
Registered Trainers are:

- Farming experts
- Trained by GLOBALG.A.P.
- Authorized to provide trainings on GLOBALG.A.P. standards
- Able to support you on your journey to achieving GLOBALG.A.P. certification

Find Registered Trainers using our “Find a Registered Trainer” tool. You can recognize them by their green seal.
GLOBALG.A.P. and Hop Growers of America host IFA v6 Smart for Plants (hops) in Winter 2022-2023

- Online or in-person (4 half days, or 2 full days)
- With GLOBALG.A.P. Staff
- Supported by HGA
- More information on the way!
THANK YOU