



# Commission on Integrated Production Guidelines

[www.iobc-wprs.org](http://www.iobc-wprs.org)

General Assembly, 17-18 November 2021

# The IP guideline commission (1991- )



**Objectives – support and facilitate implementation of IP/IPM**

- To **establish and maintain a conceptual frame of Production (IP)**, on behalf of IOBC-WPRS, ranging from the basic concept to practical implementation on farm level.
- To **produce and regularly update IP guidelines** in close collaboration with the WPRS working groups or ad hoc expert panels convened by the Commission.
- To **promote IPM and IP and support steps towards practical implementation of IP and IPM undertaken by governments, NGO's, farmers organisations, companies or retailers.**
- To **benchmark** IP guidelines or similar efforts on request of relevant organisations

# Commission members



- Carlo Malavolta
- Aude Alaphilippe
- Bärbel Gerowitt
- Adriana Escudero
- Hilfred Huiting



# Activity report 2019-2021



With Madeleine Buehler and Sylvia Bluemel

- **Website section reworked:**
  - New section "**Integrated Production, IP & IPM**"
  - including all the **IP Practical Guidelines**.

**IP Practical Guidelines, online version**

In the online version of the IP Guidelines, the General Technical Guideline.

**General Technical Guidelines for IP Production of Annual Perennial Crops**

- [General Technical Guidelines](#) for Integrated Production of Annual : (pdf\*)

For local storage or print-out generate / download pdf\*.  
\*: Please allow some time to generate the PDF, depending on your internet connection.

**Crop Specific Technical Guidelines for Integrated Production**

- [Pome Fruits](#), 6th edition, 2019 (pdf\*)
- [Citrus](#), 5th edition, 2016 (pdf\*)
- [Grapes](#), 5th edition, 2020 (pdf\*)

# Activity report 2019-2021

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- **Guideline format update**
  - **Incorporation of the General Technical Guideline** into Crop Specific Technical Guidelines
  - **Easy online access** to all Guidelines, download as PDF.
- **Crop Specific guidelines update:**
  - Arable Crops, 2nd edition, 2019
  - Grapes, 5th edition, 2020

# General + Crops Specific view



↑ ↓	STRICT RULES	RECOMMENDATIONS
<b>4. CROP ROTATION /SEQUENCE</b>	<i>Crop rotation/sequence is a major method to improve soil quality and to prevent pests, diseases and weeds.</i>	
<b>4.1 Annual crops: Frequency and sequence</b>	Not applicable.	Not applicable.
<b>4.2 Perennial crops: Crop sequence and inter/cover crops</b>	<p>When re-planting a perennial crop:</p> <ul style="list-style-type: none"> <li>To avoid pathogen transmission and a less vital crop development in the first years after plantation replanting of same crop is only to be admitted in IP guidelines on a case by case analysis. Also agronomic characteristics and period of plantation should be chosen to reduce these risks.</li> <li>Cover and catch crops have to be considered integrally in the design of the orchards.</li> </ul> <p>A minimum of one year break between two plantations.</p>	<p>The use of leguminous crops (Leguminosae/Fabaceae) as cover crops to improve soil structure, weed control and soil fertility is recommended; Leguminous crops fix N from the air and can contribute thus to the N supply.</p> <p>It is recommended to use a break crop (e.g. 1-year break: preferably grass, winter cereal or others; 2–3 years break: mixture of Fabaceae, Sinapis alba and others) before re-planting to homogenize the soil, and also to improve soil structure and fertility and possibly control specific pests, diseases and perennial weeds.</p> <p>Elimination of sources of disease inoculum (i.e. roots of old plants) is recommended before replanting.</p>
<b>4.3 (Inter) cover crops</b>	<p>Cover crops contribute to maintenance of soil physical property (erosion and compaction) (5.1) and soil fertility (7), enhancement of biodiversity (see 2), control of pest and diseases (see 9.1) and prevention of leaching of N.</p> <p>In perennial crops, cover crops must be used in the alleyways.</p> <p>Specific attention to possible host for <i>Halyomorpha halys</i>.</p>	

# Crops Specific view only



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4.3 (Inter) cover crops	Specific attention to possible host for <i>Halyomorpha halys</i> .	
4.4 Any further sub-chapter, e.g. for protected crops		

# Future activities



- **2022 - Guideline updates during WGs**
    - Citrus April 2022: Adriana & Carlo
    - Field veg crops 22 Sept 2022 / Rennes: Hilfred & Aude
    - Functional biodiv & landscape March in Milano → Idea Book
  - **2023 - Guideline updates during WGs**
    - Olives
    - Soft fruits
- + Benchmark (Live endorsement) and EU related activity.



# Conclusions

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- **IP Comm** could be an important tools to **promote IOBC output in IPM and IP** and also the image of our organization, but ...
  - ✓ ...we still need a **strong and continue support** from IOBC WGs and Commissions and also from Exec Comm.
- **A special thanks** all IOBC WG Chairmans and Members and to **Philippe Nicot** that always act as liaison in a very intensive and collaborative way!!