

# Guidelines for creating *Crops* and *Batches* in InfoGrow

## Defining a crop

1. Select department

2. Select *Crop definition*

The screenshot shows the InfoGrow web interface. At the top, there is a navigation bar with the following items: Administration, Manage, Logs, Production, and For developers. A red arrow points to the 'Administration' dropdown menu. Below the navigation bar, there is a sidebar on the left with a search bar containing 'HortiAdvice, Taastrup' and a section for 'Last received measurement' with the date '30/06/2023 08:59:10'. The main content area features a table with the following columns: Greenhouse Compartments, Degree Sum (°C), photosynthesis sum (g CO2/m²), Light use efficiency (g/kWh), Avg. Pn Activity (g/h/m² leaf), Heating (Wh/m² per day), and Growth light (Wh/m² per day). The table has two rows: 'Jaaa' and 'Jehu'. A 'Manage' dropdown menu is open, showing options like Companies, Nurseries, Setup, Resources, Aranet, TestModal, Crop definition (highlighted with a red arrow), Upload list of event types, Event definition, Setup dashboard, Nursery Setup Dashboard, Sprayer Units, Sprayers, Setup tables, Crop models, Covering, Screens, Lamps, and Heat pipes. An 'End date' field is set to '29. Jun 2023'.

Greenhouse Compartments	Degree Sum (°C)	photosynthesis sum (g CO2/m²)	Light use efficiency (g/kWh)	Avg. Pn Activity (g/h/m² leaf)	Heating (Wh/m² per day)	Growth light (Wh/m² per day)
Jaaa	215/32	-7/32	-	0	0	0
Jehu	211/32	-6/32	-	0	0	0

## 3. Select *Create crop type*

The screenshot displays the 'Create Crop Model' interface in the HortiAdvice application. The sidebar on the left, titled 'Type of cultures', contains a 'Create crop type' button highlighted by a red arrow. The main form includes the following fields and options:

- Crop type:** Flower sp.
- Production time in days:** [Empty input field] Days
- Basis temperature:** 4 °C
- Target sum temperature:** 720 °C (highlighted by a red arrow)
- Target sum indoorslight:** 1600 mol PAR/m<sup>2</sup>
- Target sum photosynthesis:** 0 g CO<sub>2</sub>/m<sup>2</sup>
- Select Culture Model:** PotRose
- Select which sum is referenced to calculate the expected end of production:**
  - Temperature (highlighted by a red arrow)
  - Indoors light
  - Photosynthesis

4. Select and define target sum\*

5. Select *Culture Model*

\*Temperature is the most used target.  
Indoorslight and photosynthesis can be filled in as above.

# Creating a batch

## 6. Select *Batches*

The screenshot shows the top navigation bar of the HortiAdvice application. The 'Production' menu is open, and the 'Batches' option is highlighted. A red arrow points from the 'Batches' text in the slide title to the 'Batches' option in the dropdown menu. Other menu items include Administration, Manage, Logs, and For developers. The user's name 'Hi jeaa@hortiadvic...' and a UK flag are visible in the top right corner. Below the navigation bar, there is a search bar containing 'HortiAdvice, Taastrup' and a section titled 'Type of cultures' with buttons for 'Create crop type' and 'Export Crops & Varieties'. A table with columns like 'Crop type', 'Target sum indoorslight', and 'Used model' is partially visible.

This screenshot shows the 'Variety' section of the application. It features a 'Create variety' button and a search bar with the text 'HortiAdvice, Taastrup'. The navigation bar at the top is identical to the previous screenshot.

This screenshot shows the 'Batches' section of the application. It includes a 'Create batch' button, a 'Crop type' dropdown menu set to 'All crops', and a 'Page size' dropdown set to '100'. There are also filters for 'Compartments' (set to 'All compartments') and 'End production after' (set to '25. Jun 2023'). An 'Export to textfile' button is located at the bottom right. A red arrow points from the 'Create batch' text in the slide title to the 'Create batch' button.

## 7. Create batch



# Creating a batch

## 8. Define the batch by the given parameters

The image displays two screenshots of the 'Create batch' form in the HortiAdvice system. The left screenshot shows the initial form with default values, and the right screenshot shows the form with specific values entered for 'Crop type', 'Variety', 'Crop reference', 'Planned end production', 'Nbr. of pieces', and 'Area'. A red arrow points from the 'Crop type' field in the right screenshot to the 'Crop type' field in the left screenshot.

**Left Screenshot (Initial Form):**


- Administration ▾ Manage ▾ Logs ▾ Production ▾ For developers
- HortiAdvice, Taastrup
- Create batch**
- Crop type: Select crop type
- Variety: Not specified
- Crop reference:
- CompartmentId: Select compartment
- Planned start production: 03. Aug 2023
- Planned end production: 18. Aug 2023
- Nbr. of pieces:
- Area: m<sup>2</sup>
- Nbr. shared batches: Pieces per part
- Save Cancel

**Right Screenshot (Form with Values):**

- Administration ▾ Manage ▾ Logs ▾ Production ▾ For developers
- HortiAdvice, Taastrup
- Create batch**
- Crop type: Flower sp.
- Variety: Not specified
- Crop reference: Romantic Red
- CompartmentId: Jeaa
- Planned start production: 03. Aug 2023
- Planned end production: 05. Feb 2024
- Nbr. of pieces: 1200
- Area: 120 m<sup>2</sup>
- Notes: Valentines
- Nbr. shared batches: Pieces per part 0
- Save Cancel

# Creating a batch

## 9. Keep track of the batches

Administration ▾ Manage ▾ Logs ▾ Production ▾ For developers  Hi jeaa@hortiadvic.dk! Log out

HortiAdvice, Taastrup ▾

### Batches

[Create batch](#)

Crop type:  Compartments:

Page size:  End production after:  [Export to textfile](#)

ID	Crop reference	Batch parts			Actual compartment Location	Target	Planned start production	Planned end production	Expected end of production	Delayed days production	
+ 510	Flower sp. Romantic Red, Valentines	-	<a href="#">Logs</a>	<a href="#">Details</a>	Jea	Basis temp.: 4 °C 720 °C	03/08/2023	05/02/2024			<a href="#">Edit</a> <a href="#">Delete</a>
+ 511	Flower sp. Snow White, Valentines	-	<a href="#">Logs</a>	<a href="#">Details</a>	Jea	Basis temp.: 4 °C 720 °C	03/08/2023	05/02/2024			<a href="#">Edit</a> <a href="#">Delete</a>

2 Batches

# Creating a batch

Each batch has a unique QR code

Administration ▾ Manage ▾ Logs ▾ Production ▾ For developers 🇬🇧 Hi jeaa@hortiadvic.dk Log out

HortiAdvice, Taastrup ▾

## Batches

[Create batch](#)

Crop type  Compartments

Page size  End production after  [Export to textfile](#)

ID	Flower sp. Romantic Red, Valentines <a href="#">Go to print</a>	Batch parts		Actual compartment Location	Target	Planned start production	Planned end production	Expected end of production	Delayed days production	
+ 510	Flower sp. Romantic Red, Valentines	-	<a href="#">Logs</a>	<a href="#">Details</a>	Jeaa	Basis temp.: 4 °C 720 °C	03/08/2023	05/02/2024		<a href="#">Edit</a> <a href="#">Delete</a>
+ 511	Flower sp. Snow White, Valentines	-	<a href="#">Logs</a>	<a href="#">Details</a>	Jeaa	Basis temp.: 4 °C 720 °C	03/08/2023	05/02/2024		<a href="#">Edit</a> <a href="#">Delete</a>

2 Batches

The QR code can be printed and placed by the batch on stickers or signs

