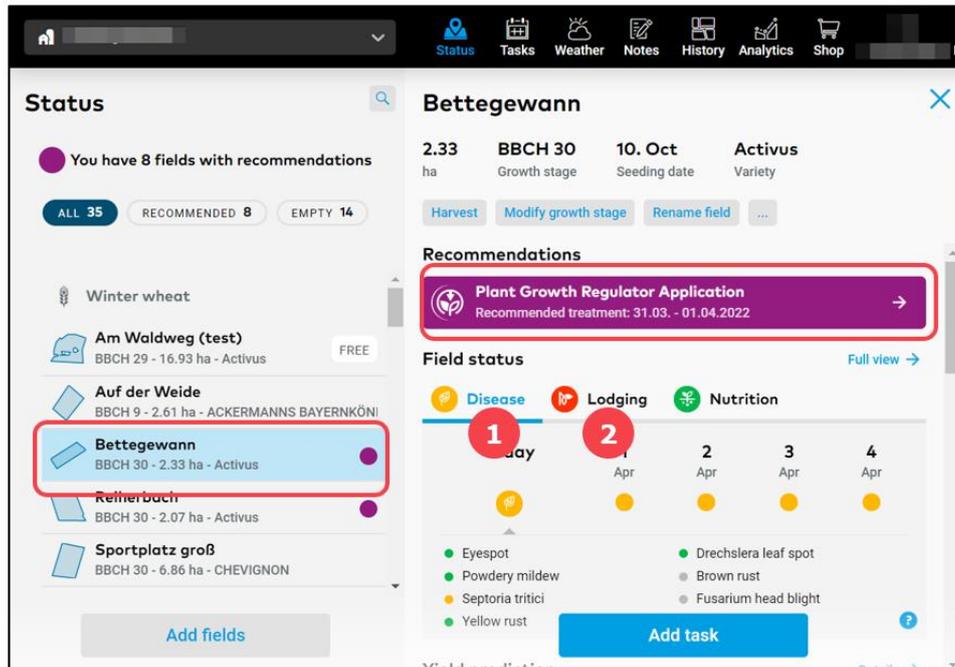


Creating a crop protection task

xarvio FIELD MANAGER provides recommendations based on multiple factors like seeding date, growth stage, weather conditions etc. Planning and executing a crop protection application (insecticide, fungicide and PGR) can be simply done in FIELD MANAGER via the following steps:

- Firstly, follow any of these [options to add a task](#) or click the **purple bar (application timing window)** next to the field, for which you received **crop protection recommendations** (fields with purple dots).



1. Information regarding **diseases (insects) status** and **application window**. Risk level is represented by colours code.

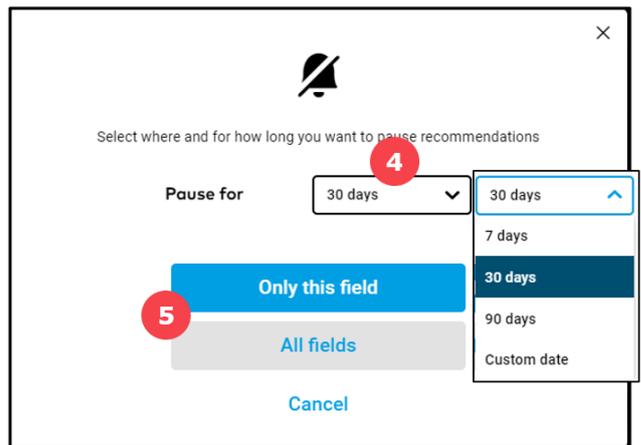
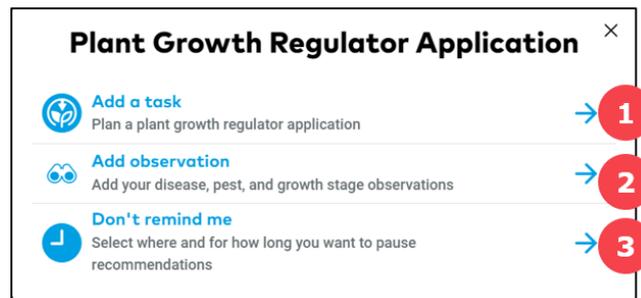
Disease	Pest
Forecast of disease infestation risk and application windows based on weather, field and crop data.	Forecast of application windows based on pest development phases.
<ul style="list-style-type: none"> <input type="radio"/> No Data <input type="radio"/> Out of season <input type="radio"/> Low risk <input type="radio"/> Medium risk <input type="radio"/> High risk <input checked="" type="radio"/> Protected 	<ul style="list-style-type: none"> <input type="radio"/> No Data <input type="radio"/> Out of season <input type="radio"/> Uncritical <input type="radio"/> Development phase <input type="radio"/> Critical pest stage reached <input checked="" type="radio"/> Protected

2. Information regarding **lodging risk** and **application window** (not for all countries). Risk level is represented by colours code.

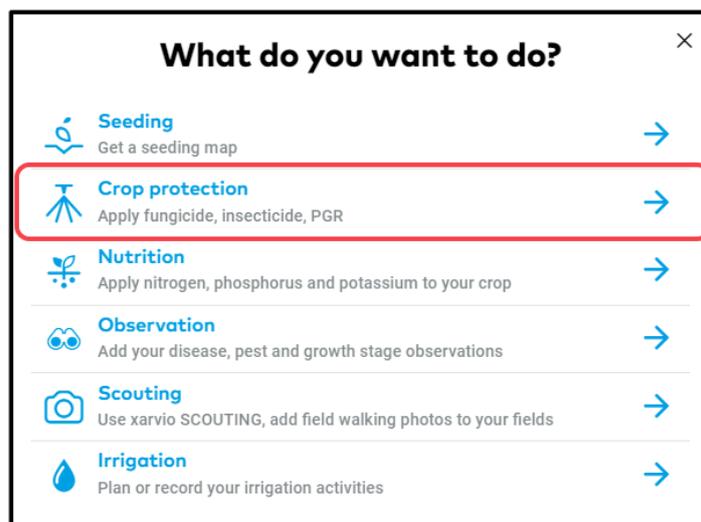
Lodging
Forecast of lodging risk and suitable application windows, based on weather, field and crop data.
<ul style="list-style-type: none"> <input type="radio"/> No Data <input type="radio"/> Out of season <input type="radio"/> No PGR needed <input type="radio"/> PGR recommended <input type="radio"/> PGR needed <input checked="" type="radio"/> PGR done



You can choose to snooze (deactivate) the crop protection timing notification for selected fields for a desired time period. Please note: you can reactivate it any time you want.



1. Click to proceed with **crop protection task creation** (you will be redirected to date selection window).
 2. Add your own **field observations** which will be included in the xarvio's agronomic models to provide even more precise recommendations for your field.
 3. Select to **snooze** your crop protection timing recommendation.
 4. Specify the **deactivation period**.
 5. Apply it to **selected field** or all **fields** of your farm.
- After clicking on **Add task** via any of the options mentioned above, a new screen with different type of tasks will be visible. Select **Crop protection** to proceed.



- On the next screen, select **date** and **time** to carry out the application task.

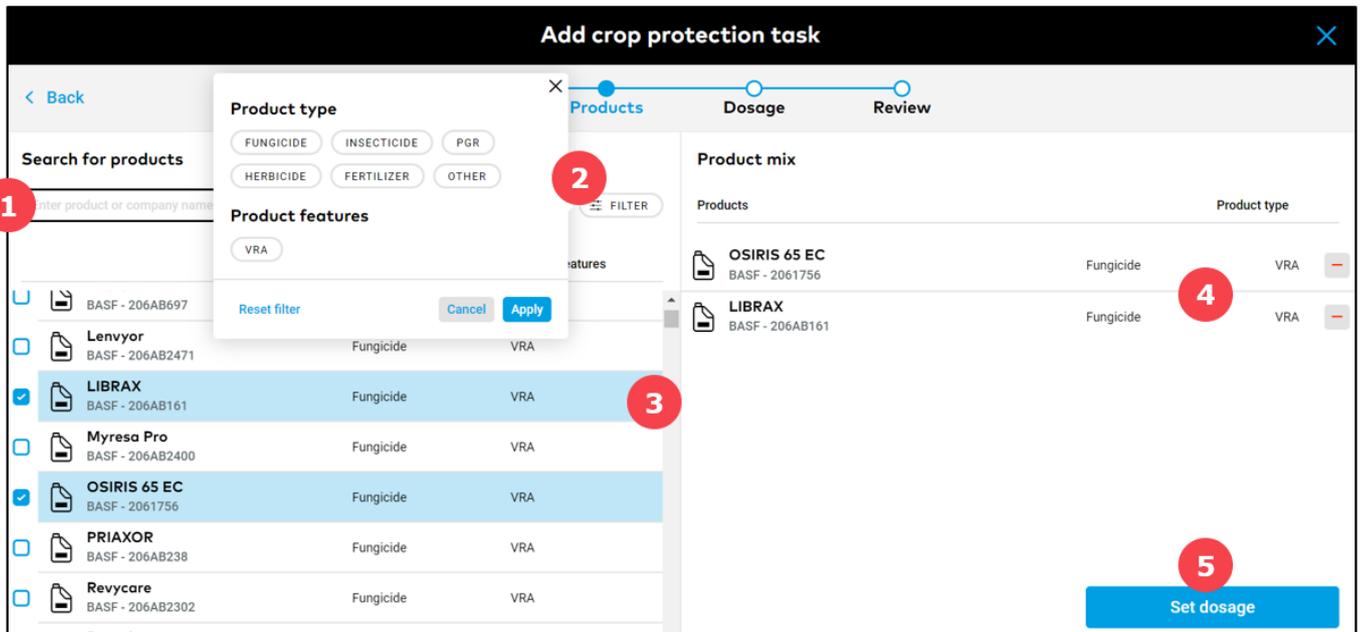
 While selecting the date, make use of our recommendations and hourly spray weather forecast for the next 10 days. The colours show the different conditions for an application. **Red** stands for an unfavourable condition, **orange** for moderate condition and **green** for good and favourable condition to carry out an application on your field.

1. Click to **add more fields** for the planned crop protection task.
2. Choose an **appropriate date** to execute the task by following FIELD MANAGER's recommendation.
3. It's **recommended** to treat the field on these days for an optimal crop protection result.
4. There are **recommended products** available for this treatment day.

 Please note that this feature is available in selected countries and for particular crop (winter wheat).

5. Click **Continue** to proceed and select desired product.
- **Select the product** that suits your need. xarvio FIELD MANAGER provides several search criteria that will ease the selection.

 **Creation of VRA map requires choosing the appropriate product - tagged 'VRA'.**

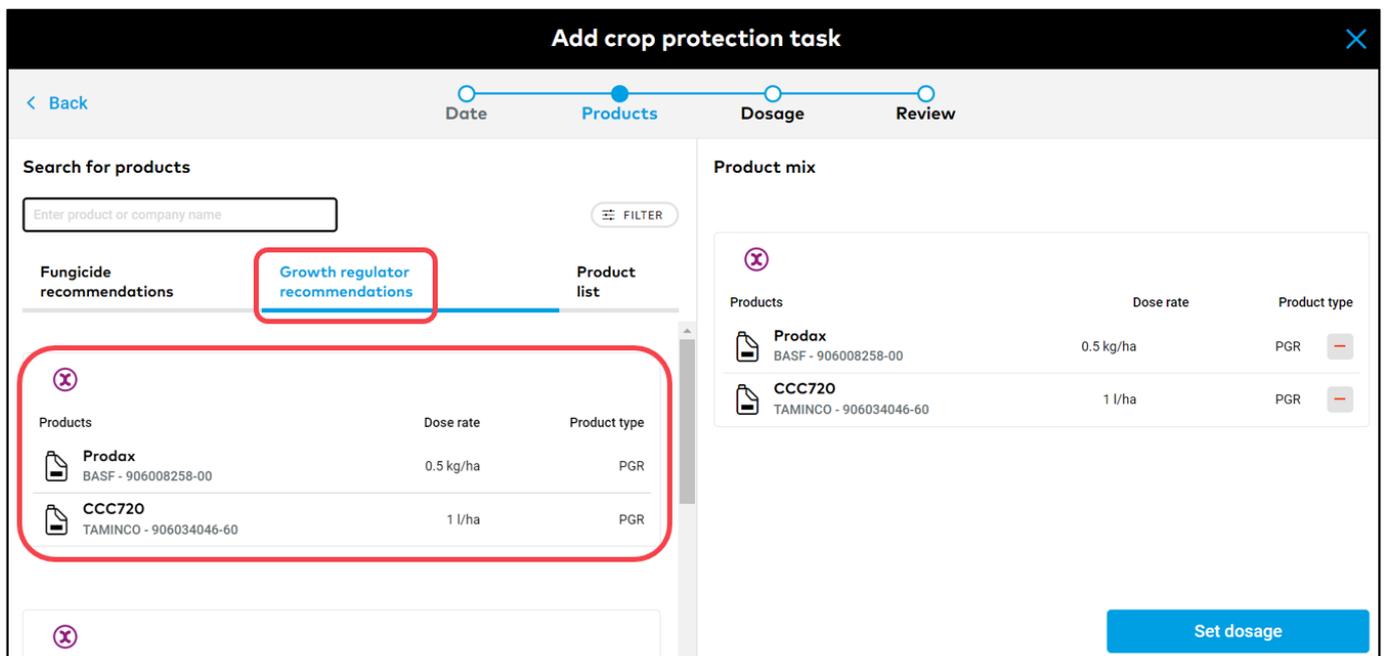


1. Type in here to search for the product.
2. Click the **Filter** to open up different criteria to select product.

By selecting the day tagged with 'Recom. products', xarvio FIELD MANAGER gives you the opportunity to record also combined treatments, e.g. foliar fertilization and crop protection task. Please keep in mind that in this case only FLAT map will be generated.

3. Click to select desired **product**.
4. Shows the products you have selected.
5. Click **Set dosage** to proceed and decide on the dosage.

By selecting the day tagged with 'Recom. products', xarvio FIELD MANAGER will provide you with suitable for the treatment performance product mix and its dosage. Simply click on the recommended products on the left side to add it to your mix.



- Set up a **dosage** of selected products.



xarvio FIELD MANAGER gives a recommendation for each field zone, based on the maximum dosage of the selected product. It also enables you to select the preferred application type (Flat/VRA) for your field. Flat application type means that the same rate will be applied to the whole field and VRA means that a zone-based dosage will be applied across the field.

Add crop protection task

Back | Date | Products | **Dosage** | Review

Select application settings

Application type: Flat | **Variable** (1) | Dosage distribution: Manual | **Auto** (2) | High flow rates capability: Your nozzle supports high flow rates (3)

Tank mix	Product type	Zone 1 High	Zone 2	Zone 3	Zone 4	Zone 5 Low
OSIRIS 65 EC BASF - 2061756	Fungicide (l/ha)	2.5 (4)	2.38	2.25	2.13	2.00
LIBRAX BASF - 206AB161	Fungicide (l/ha)	1	4.75	4.50	4.25	4.00
Water l/ha		214.11	203.40	193.25	183.63	174.50
Total spray mixture Medium rate (l/ha)		221.61	210.53	200 (5)	190	180.5

It is your sole responsibility to consider whether the product and dosage are sufficient across the field and for each zone. If necessary, contact the manufacturer or a qualified advisor. The final application map might have fewer zones depending on the source map, dosage, products and product mixes.

Continue (6)

1. Switch to **VRA** to get a variable application map.
2. Once you selected variable application, decide on dosage distribution: **manually** for each zone or **auto** - set the average dosage for your field and system will automatically calculate the dosage in the zones.
3. Tick the check box, if the spray nozzles of your machine support **high flow rate**.
4. Set the highest dosage of the fungicide (system will inform you about the **allowed maximum dosage rate**).
5. Set the **medium spray mixture**.
6. Click **Continue** to proceed and see the task details.

- On the last screen **select source map, review** its details and **save** task.

Add crop protection task

Back | Date | Products | Dosage | **Review**

1 Show zone details

MJD
07.01.2022 - 79.7

2 Change map →

Total spray mixture: 16500.64 l (207.03 l/ha)

00029-0 GPG W...
30.12.2021 - 21.73 ha

Change map →

Total spray mixture: 4394.4 l (202.2 l/ha)

Task summary

Assignee: Unassigned **3** Assign

Comments: **4** Add

Task mix

	Average	Total
OSIRIS 65 EC BASF	2.31 l/ha	235.72 l
LIBRAX BASF	1.85 l/ha	188.58 l
Water	200.46 l/ha	20470.74 l
Total	204.62 l/ha	20895.03 l

5 Automatically mark as done after selected date

6 **Save tasks**

1. This map is a projection of how the product will be applied across the field. Click **Show zone details** to view product distribution by zone.
 2. Click to change **source map** among available biomass maps, power zone map, monitoring maps or **customize source map** to create your own, zone map.
 3. **Assign task** to a specific xarvio FIELD MANAGER user or enter a name for documentation purposes.
 4. Add your **notes**.
 5. The task will be automatically marked as a **done** after application date.
 6. Click **Save task** to complete the task creation.
-
- Your task will be saved in **Task section**. There you will be able to download your application map or tank recipe.



Have you got any questions?
We are here for you!

Toll free phone: +49 30 22957857
Email: support@xarvio.info
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