

Frequently Asked Questions

Agronomy packs in Gatekeeper Information for agronomists and catalogue managers

Agronomy packs in Gatekeeper

An agronomy pack is a container which holds two or more pesticide products, each of which have their own individual MAPP numbers. It is not the same as a twinpack and so must be handled differently in Gatekeeper.

Because the component products of an agronomy pack are often applied at different rates, but the pack itself is the unit handled by ordering systems, it was necessary to create a new unit in Gatekeeper specifically for agronomy packs.

The unit of measurement for agronomy packs in Gatekeeper is a **hectare dose**. A ha dose would contain the corresponding rates of each component product to treat a hectare at full rate. An example is shown here:

- An agronomy pack contains:
 - 5 litres of Product A, applied at 0.6l/ha
 - 10 litres of Product B, applied at 1.2l/ha
- The pack contains enough product to treat 8.3ha.
- To apply product at full rate, the job rate is 1 ha dose/ha.
- The pack size is 8.3 ha dose.
- Therefore, to treat a 15ha field at full rate, you would need 2 packs.

If you wish to reduce the ha dose rate, the Agrilator may be used to assist in rate calculations – see next page.

Creating a recommendation with an agronomy pack in

Agronomy packs should be picked into a job in the same way as any other pesticide product. When the agronomy pack is added to a job, its rate will be entered against the unit ha dose - a rate of 1ha dose is equal to 100% of the dose rate of the component products.

Product Selector ×

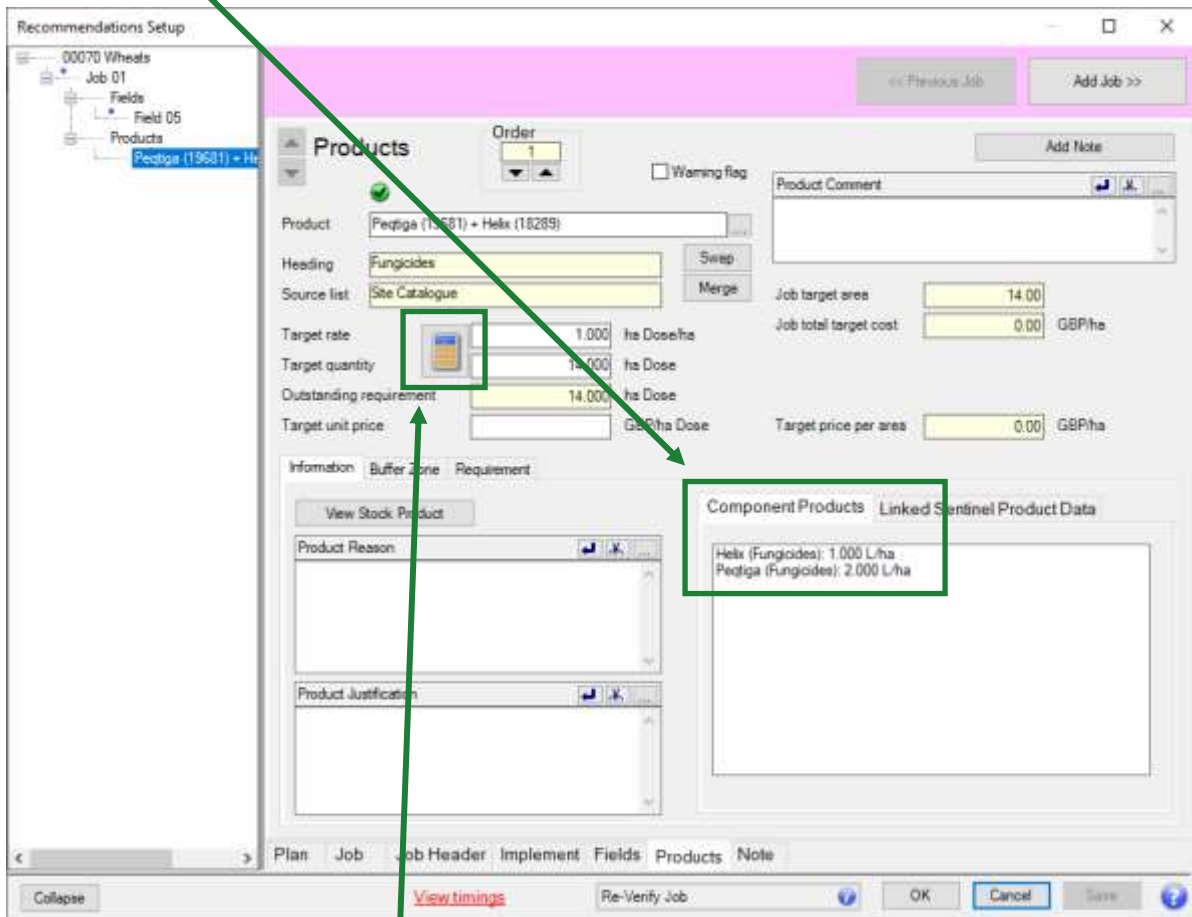
Category	Heading Type	Heading	Product	Rate	Quantity	Unit	Unit Price GBP
Site Catalogue	Fungicides		Peqtiga (19681) + Helix (18289)	1.000	53.600	ha Dose	

Source List: J, K, L, ..

When the job is created, the job screen will appear as normal. The agronomy pack will show, with its rate in ha dose.

*A job with an agronomy pack in will display an 'Unpack' button on the job tab while the agronomy pack is selected. Clicking 'Unpack' would cause both component products to display with their individual rates, but please be aware that an unpacked agronomy pack **cannot** be used in any ordering systems connected to Gatekeeper.*

To view the component products and their rates, ensure the agronomy pack is the selected product, and go to the 'Products' tab:



Agronomy packs and the Agrilator

The Agrilator is an agricultural rate conversion tool which is available throughout Gatekeeper. When accessed from a recommendation which contains agronomy packs, it can also be used to help you convert between rates of the component products to ha dose rates. To adjust product rates, click on the Agrilator icon (shown above). The Agrilator may be used in the following ways:

- Adjust application rate (ha dose) to see the corresponding change in product rates
- Adjust one of the product rates to see the corresponding change in ha dose and therefore number of packs required.

Clicking 'Refresh rates' will recalculate product and application rates according to the information entered.

If you wish to adjust the job's target rate to reflect the figures entered, click 'Use Rates'. If you do not wish to adjust the job rate, click 'Cancel' to exit the Agrilator.

Agronomy Packs in work sheets

When a recommendation or job sheet is created for a job including an agronomy pack, the pack name and its component products will be displayed, including product rates:

Church Farm
Contact: Emily
Church Farm

Recommendation Plan
00070 Whteats
Issued: 08/07/2021

Advisor: Charley Burnell
Basis / Facts: B1234/F5678
Telephone:
Mobile:
Email: charley.white@farmplan.co.uk

Job 1 Total job area: 14.00 ha

Earliest Timing
Application date: N/A
Growth stage: N/A
Minimum harvest interval: N/A

Latest Timing
Application date: 02/04/2021
Growth stage: 69: End of flowering
Target harvest date:

Application Settings
Application rate: 200 L
Spray quality: Coarse
LERAP rating: N/A

Products	Job 1	Rate / ha	Required	Units	% Rate	LERAP	Total Used
Peqtiga (19681) + Helix (18289)		1.000	14.000	ha Dose			
** See below for component rates **							
Helix (18289): Required Quantity: 14.000L Target Rate: 1.000L/ha, MAPP:18289 Active Ingredients: Spiroxamine 30.00%, Prothioconazole 15.00%, Expires: 31/01/2024, Target dose %: 80, Product LERAP: *							
Peqtiga (19681): Required Quantity: 28.000L Target Rate: 2.000L/ha, MAPP:19681 Active Ingredients: Fenpicoxamid 5.00%, Expires: 29/03/2025, Target dose %: 100, Product LERAP: *							

Products	Job 1	Rate / ha	Required	Units	%
Peqtiga (19681) + Helix (18289)		1.000	14.000	ha Dose	
** See below for component rates **					
Helix (18289): Required Quantity: 14.000L Target Rate: 1.000L/ha, MAPP:18289 Active Ingredients: Spiroxamine 30.00%, Prothioconazole 16.00%, Expires: 31/01/2024, Target dose %: 80, Product LERAP: *					
Peqtiga (19681): Required Quantity: 28.000L Target Rate: 2.000L/ha, MAPP:19681 Active Ingredients: Fenpicoxamid 5.00%, Expires: 29/03/2025, Target dose %: 100, Product LERAP: *					

Trading and Orders

Agronomy packs are sold in a size that will treat a number of hectares when applied at 100% rate. In the example above, the job requires enough product to treat 14ha.

The agronomy pack contains Peqtiga (10l) and Helix (5l). The 100% rate is 2l/ha Peqtiga and 1l/ha Helix, so each pack contains enough product to treat 5ha at 100% rate. The order created will therefore be for 3 agronomy packs (3x 5ha packs = 15ha worth of product to supply).

When creating an order for agronomy packs that will be sent to an ordering system that is connected to Gatekeeper, it is essential that the order is made by pack and uses the correct pack size.

If ordering systems are being used, or you wish to create a report document which includes the number of packs required, the order fulfilment method cannot be either of the first two options (as these disregard packs).

Fulfilment Method

Job target price (lowest price no packs)

Cheapest unit price, no pack breakdown

Cheapest unit price pack breakdown

Cheapest total value pack combination

Priority pack combination

An order can only display the correct number of packs required if the product has been setup correctly with the pack size – for more information please see the next section.

Church Farm

Heol Fferm
Pen y Bont

Purchase Order

Telephone: (01594) 545000
Mobile: 07584 338022
Email: charley.burnell@farmplan.co.uk
Account reference:

Order date: 12/07/2021
Order number: 00070 Wheats

Delivery instructions: Please call 20 minutes before arrival to ensure someone there to receive

Transaction comment: For recommendation plan 00070 Wheats 08/07/2021
Advisor: Charley Burnell (B1234/F5678), Email: charley.white@farmplan.co.uk

Product	Pack Size	Units	No Packs	Quantity
Peqtiga (19681) + Helix (18289)	5.00 ha Dose		3.000	15.000

Active Ingredients: Helix: Spiroxamine 30.00%, Prothioconazole 16.00%, Peqtiga: Fenpicoxamid 5.00%

Adding agronomy packs to catalogues

Agronomy packs cannot be added manually to the system by catalogue managers – they must be added to the Sentinel database. If you require an agronomy pack that is not currently available, please contact the support team who will be able to take further details as required.

When an agronomy pack is added to a site or organisation catalogue, the user will need to know the physical pack size and the area that it will treat at 100% rate.

For the Peqtiga + Helix pack used in the examples above:

Pack includes 10l of Peqtiga and 5l of Helix.

100% rate is 2l/ha Peqtiga and 1l/ha Helix.

Pack holds enough of each product to treat 5ha – the pack has enough product for 5 ha dose units.

It would therefore be entered into a catalogue with a pack size of 5 ha doses:

Peqtiga (19681) + Helix (18289)	Ag Chem Suppliers	-	+	5.000	ha Dose	27.500	137.500	<input checked="" type="checkbox"/>	0
---------------------------------	-------------------	---	---	-------	---------	--------	---------	-------------------------------------	---

A second example could be Peqtiga + Variano Xpro.

Pack includes 7.5l of Peqtiga and 5l of Variano Xpro.

100% rate is 2l/ha Peqtiga and 1.33l/ha Variano Xpro

Pack holds enough of each product to treat 3.75ha – the pack has enough product for 3.75 ha dose units.

It would therefore be entered into a catalogue with a pack size of 3.75 ha doses:

Peqtiga (19681) + Variano Xpro (15218)	Ag Chem Suppliers	-	+	3.750	ha Dose	42.000	157.500	<input checked="" type="checkbox"/>	0
--	-------------------	---	---	-------	---------	--------	---------	-------------------------------------	---

Further information

Please be aware that a separate document exists which covers the use of agronomy packs in Gatekeeper for growers, rather than agronomists. It is also available to download from our website.