

Frequently Asked Questions

Agronomy packs in Gatekeeper Information for growers

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 what is ordered by agronomists and delivered by suppliers, 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 is the equivalent of the full rates of each component product to treat a hectare. 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 (because $5 \div 0.6 = 8.3$, or $10 \div 1.2 = 8.3$)
- To apply product at full rate, the job rate is 1 ha dose/ha.
- The pack size is 8.3 ha dose (because there's enough product in the pack to treat 8.3ha).
- 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.

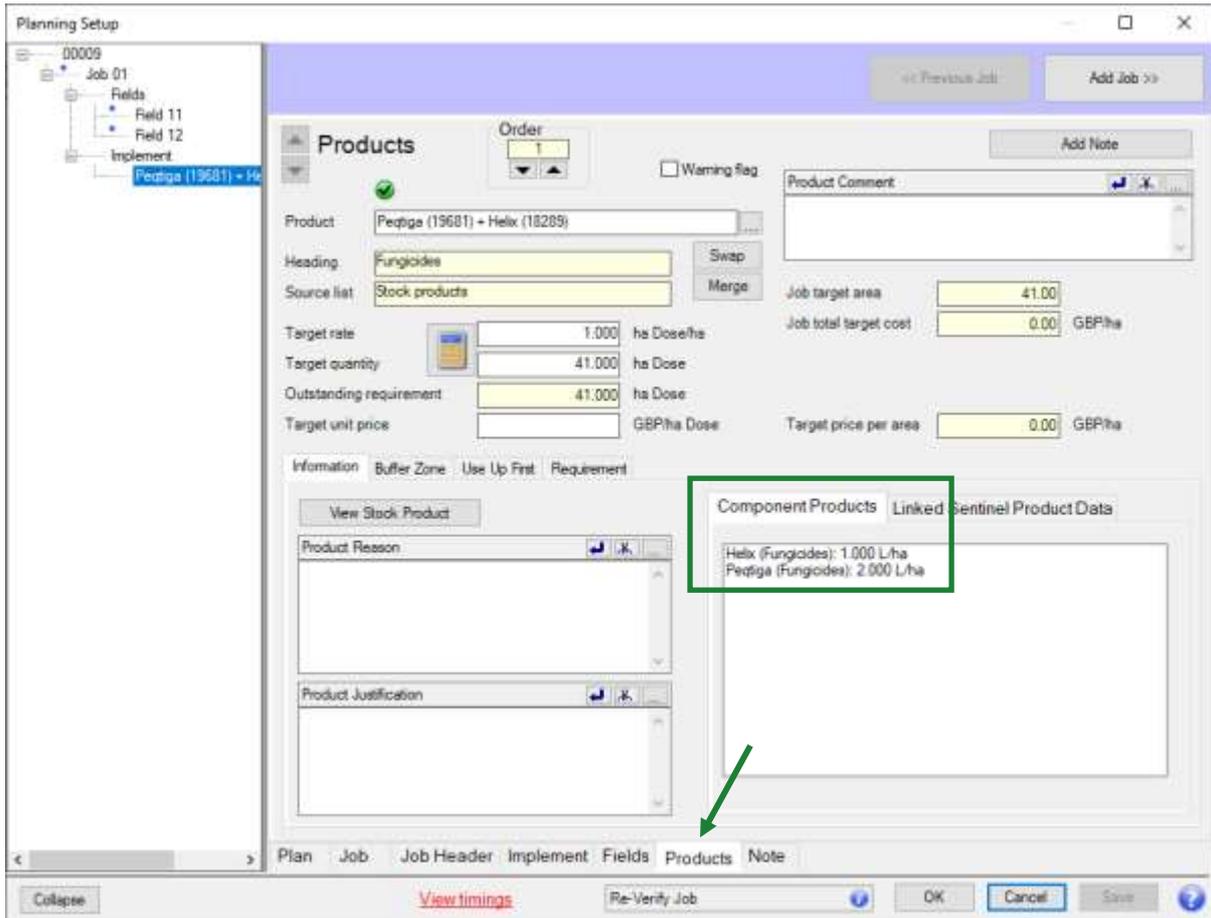
Agronomy packs in work plans

Agronomy packs are picked into a work plan as a single item, using the ha dose to indicate the rate for both products. If your agronomist publishes work plans into your Gatekeeper, any work plans including an agronomy pack will come through to your Gatekeeper like this.

Heading	Product	BZ	Units	Rate	Quantity	Target Cost per ha	%age Dose	Product Comment
Fungicides	 Peqtiga (19681) + Helix (18289)		ha Dose	1.000	41.000	0.00		

Select Products Unpack     Job total target cost GBP/

While in the job, you can view the individual rates of component products by clicking on the 'Products' tab:



Any work plans created for jobs containing an agronomy pack will display the individual product rates, as well as the pack rate:

Total Plan Requirements					
Product	Required	Units	Product	Required	Units
Peqtiga (19681) + Helix	41.000	ha Dose			

Product Rates & Quantities		Job 1	Total job area:		41.00 ha
N/A	Rate / ha	Units	Required	Total Used	
Peqtiga (19681) + Helix (18289)	1.000	ha Dose	41.000		
** See below for component rates **					
Helix (18289): Required Quantity: 41.000L 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: 82.000L Target Rate: 2.000L/ha, MAPP:19681 Active Ingredients: Fenpicoxamid 5.00%, Expires: 29/03/2025, Target dose %: 100, Product LERAP: *					

If you wish to adjust the dose rate of the products within an agronomy pack, the Agrilator has a specific agronomy pack functionality when accessed through a job containing a pack. From the products tab (as above), click on the Agrilator icon:



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

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.

Unpacking agronomy packs

Alternatively, you may choose to 'unpack' an agronomy pack, which will remove the single product with a ha dose rate unit and replace it with the component products. Once an agronomy pack is unpacked, the rates of the two products are no longer linked, so if you wish to adjust the product rates it is recommended to do this before unpacking the product.

Please note - if you wish to export the work plan to web apps, agronomy packs **must** be unpacked before jobs can be exported.

To unpack an agronomy pack in a job, click on the pack to select it and then click 'Unpack':

Heading	Product	BZ	Units	Rate	Quantity	Target	Cost per ha	%age Dose	Product Comment
Fungicides	Peqtiga (19681) + Helix (18289)		ha Dose	1.000	41.000		0.00		

Select Products Unpack Job total target cost GBP/ha

Plan Job Job Header Implement Fields Products Note

[View timings](#) Re-Verify Job OK Cancel Save

The pack will be replaced with its component products and their corresponding rates:

Heading	Product	BZ	Units	Rate	Target		Product Comment
					Quantity	Cost per ha	
Fungicides	Helix (18289)		L	1.000	41.000	0.00	80
Fungicides	Peqtiga (19681)		L	2.000	82.000	0.00	100

Select Products     Job total target cost GBP/ha

Plan Job Job Header Implement Fields Products Note

[View timings](#) 

Unpacking an agronomy pack may have an impact on your stock control – please see the next section for more information.

Agronomy packs in stock and trading

An agronomy pack is a single unit that may be purchased from a supplier and recorded against a field record. If you use agronomy packs in your field records without unpacking them, and you also purchase agronomy packs in your trading, then there is no need to read further in this section. If you unpack the agronomy packs in work plans, keep reading!

Once an agronomy pack is unpacked, the link between the pack and its component products is broken, and the two component products are treated the same as any other stock product. Because the link is broken by unpacking, any stock level of agronomy packs purchased will not be reduced by the use of the component products.

As an example:

- 5 packs of Peqtiga + Helix agronomy pack are purchased – this is what goes into stock
- A job using 5 packs of Peqtiga + Helix is created, but then the agronomy pack is unpacked – so when the job is confirmed, it takes 82l of Peqtiga and 41l of Helix out of stock
- Peqtiga and Helix have not been purchased, so they now have negative stock levels
- The Peqtiga + Helix agronomy pack has been purchased but not used, so it now has an incorrect positive stock level

In this situation, if the agronomy packs must be unpacked (for example, because work plans are being exported to web apps), the best resolution is to ensure that any trading information entered (deliveries and invoices) is for the component products of the agronomy pack, and not the pack itself. So in the example above, Peqtiga and Helix would be purchased as two separate products, with amounts in litres, and the agronomy pack would not be purchased.

Further information

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

