

Seed Certification Information System (SCIS)

**New Zealand
Seeds Authority**

NZSA's mission is that through effective policy and governance, New Zealand has professionally and efficiently managed seed certification schemes delivering product that meets all statutory and regulatory standards.

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Seed Certification Information System

Reference User Guide for: Grower Role

Part 2: Manage FD Seed Lines screen
Seed Lines & Lots
Variety Register

This reference user guide (part 2) covers the requirements of Harvest, Transporting seed to Processor and visibility of the seed through the processing, labelling, laboratory testing and release.

Part 2

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Manage FD Seed Lines


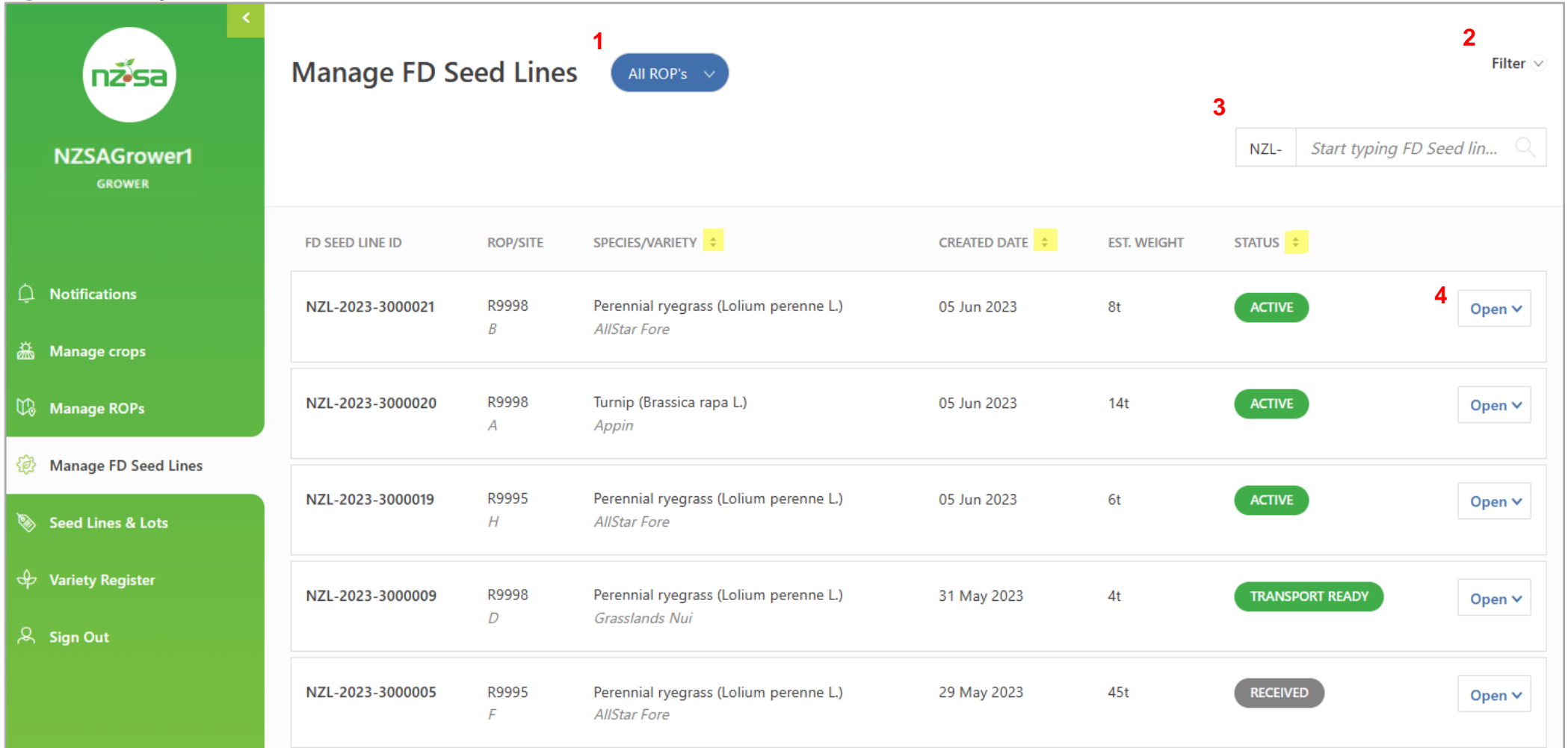
Managing FD seed lines covers the harvest, storage, drying and transport to the Processor. The screen has 6 columns. The SPECIES/VARIETY, CREATED DATE and STATUS columns can be ascending or descending by clicking on the  symbol. The default order is descending order.

Figure 1. Manage FD seed lines screen



FD SEED LINE ID	ROP/SITE	SPECIES/VARIETY	CREATED DATE	EST. WEIGHT	STATUS	
NZL-2023-3000021	R9998 B	Perennial ryegrass (Lolium perenne L.) <i>AllStar Fore</i>	05 Jun 2023	8t	ACTIVE	Open
NZL-2023-3000020	R9998 A	Turnip (Brassica rapa L.) <i>Appin</i>	05 Jun 2023	14t	ACTIVE	Open
NZL-2023-3000019	R9995 H	Perennial ryegrass (Lolium perenne L.) <i>AllStar Fore</i>	05 Jun 2023	6t	ACTIVE	Open
NZL-2023-3000009	R9998 D	Perennial ryegrass (Lolium perenne L.) <i>Grasslands Nui</i>	31 May 2023	4t	TRANSPORT READY	Open
NZL-2023-3000005	R9995 F	Perennial ryegrass (Lolium perenne L.) <i>AllStar Fore</i>	29 May 2023	45t	RECEIVED	Open

Key features for this are numbered in red and explained further on the following pages.




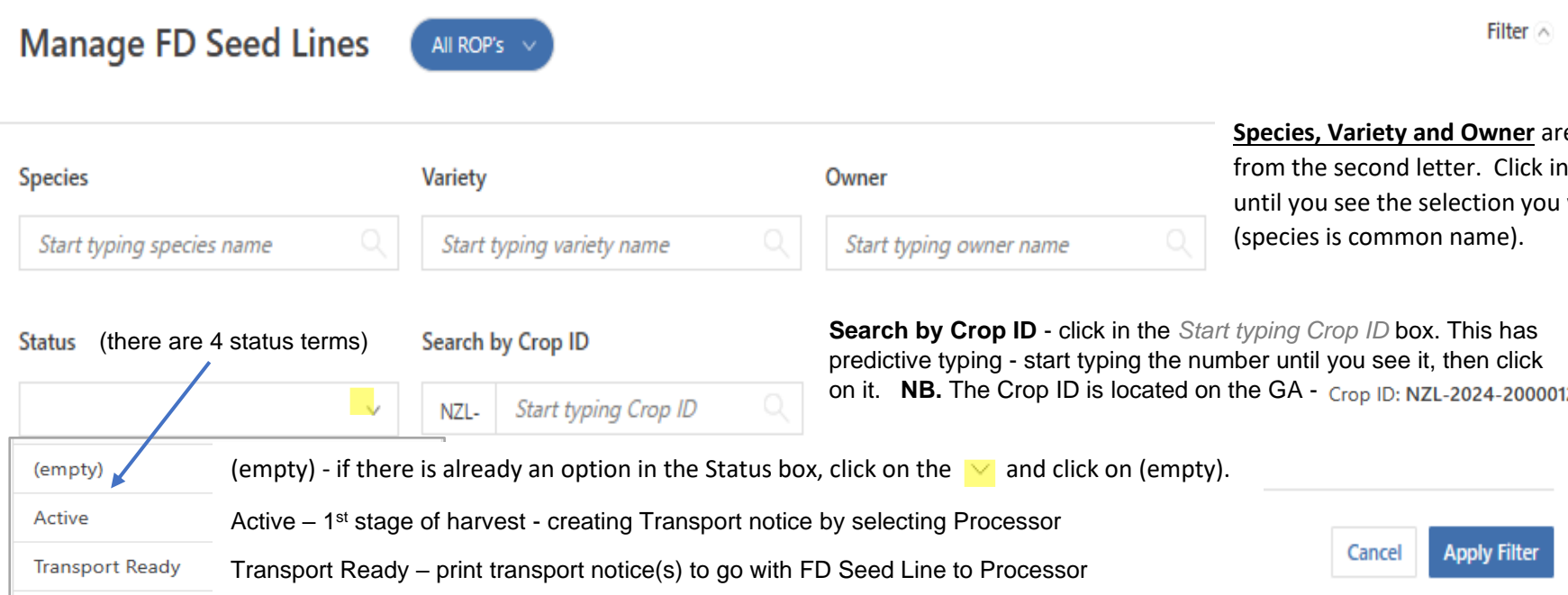

1.  - This button displays if you have multiple ROP's. It will display all ROP's and your paddocks if they have been drawn. They will show in alphabetical order. Click on the button to display and select an individual ROP number. Click on the individual ROP number you want to select. There is no  button if you only have 1 ROP.
2. Clicking on the **Filter**  allows you to refine a search for specific information. This is the main filter and has 5 filtering options. These can be used individually or in combination with others.

Figure 2. Main Filter opened



Species, Variety and Owner are all predictive typing from the second letter. Click in the box, start typing until you see the selection you want and click on it (species is common name).

Search by Crop ID - click in the *Start typing Crop ID* box. This has predictive typing - start typing the number until you see it, then click on it. **NB.** The Crop ID is located on the GA - Crop ID: NZL-2024-2000012

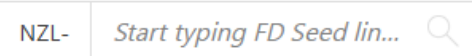
(empty) - if there is already an option in the Status box, click on the  and click on (empty).

Active – 1st stage of harvest - creating Transport notice by selecting Processor

Transport Ready – print transport notice(s) to go with FD Seed Line to Processor

Received – harvested FD Seed Line seed has been sent to Processor and received in

Superseded – when multiple seed crops of same variety and class has been blended

3.  The *FD Seed line* number is created when the paddock is harvested. If the FD Seed line is split or blended during or after harvest, each additional FD Seed line created will get a new FD Seed line number (these numbers will link back to the original FD Seed line number).

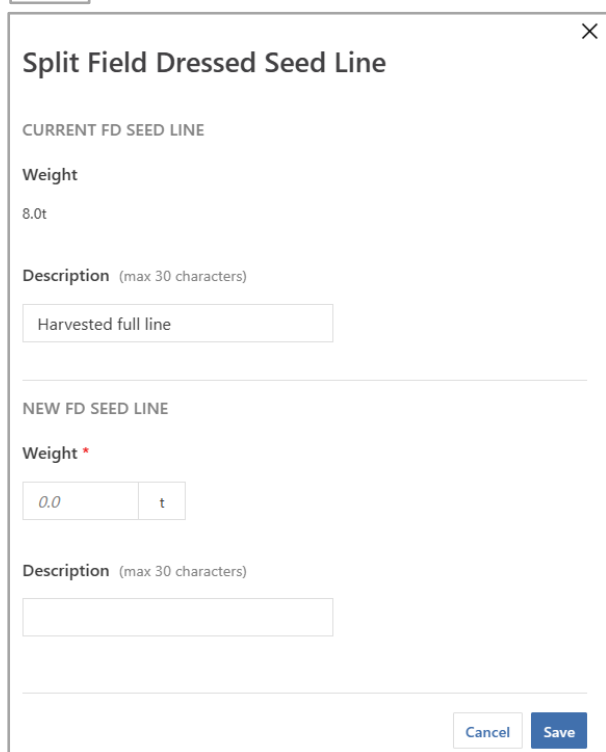
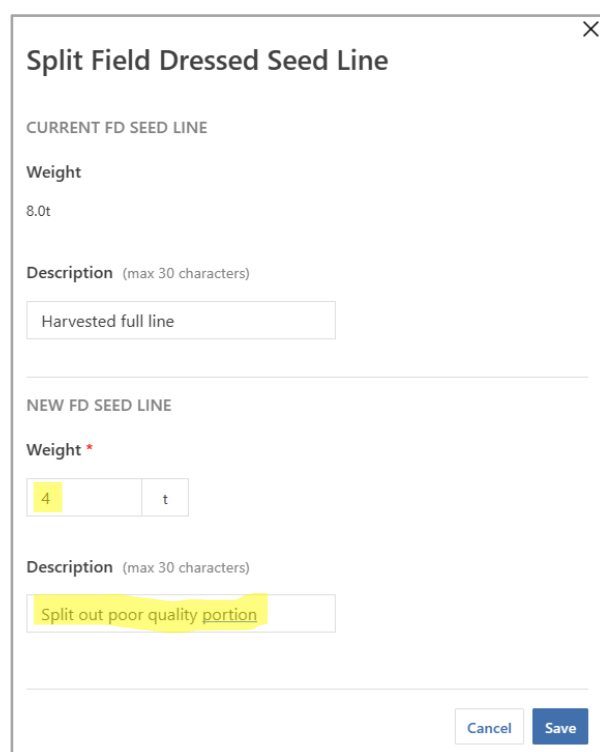
- Clicking on the **Open** button at the right end of each row will open the row up to reveal the action options during and after harvest for seed on farm.

Figure 3. An open row with the status of 'Active'. This reveals the actions available to the Grower (noted in blue numbers)

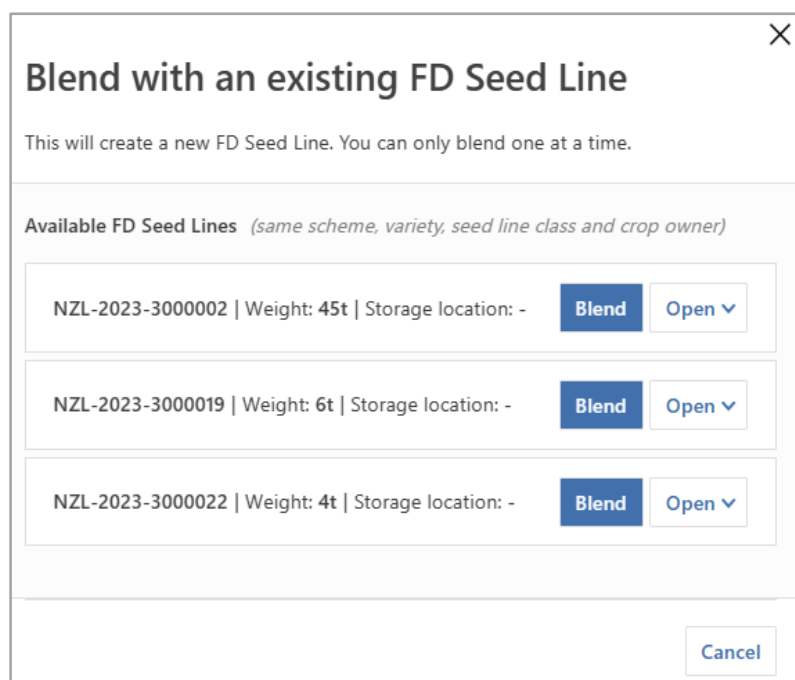
- Edit** - Clicking on this will reveal a pop up to **edit / add** optional information.

6 Click on **Print storage label** to open a pdf of the storage label (can attach to silo or inventory book).

7 **Split** Clicking on this will reveal a pop up to create the split of an FD seed line.

- 8 Clicking on **Blend** opens a pop up that lists the FD seed line(s) that meet the requirements for on farm blending. These are -
- Only blend one at a time
 - Seed grown under the same certification scheme
 - Same variety
 - Same FD Seed Line class
 - Same Grower



In this example, the FD seed line opened has 3 seed lines that meet the requirements. Choose the seed line you want to blend with, by clicking on **Blend**. Repeat the process if there are additional seed lines eligible.

When the blend has been done, the ROP/SITE column will read **Blend**. There will be multiple black bars, each showing the ROP and paddock ID, the Crop ID and % of weight contributed. The actions are still there if needed.

Figure 4. The blend screen showing the 2 FD Seed Lines blended and % of each weight contributed. The first black bar is the primary FD Seed Line.

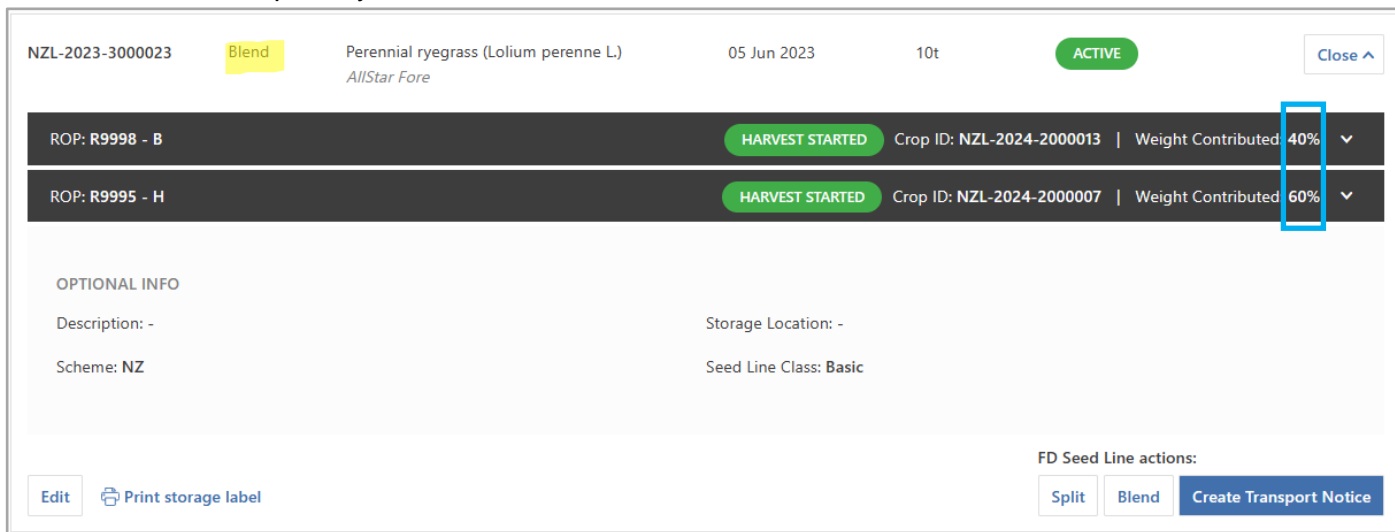
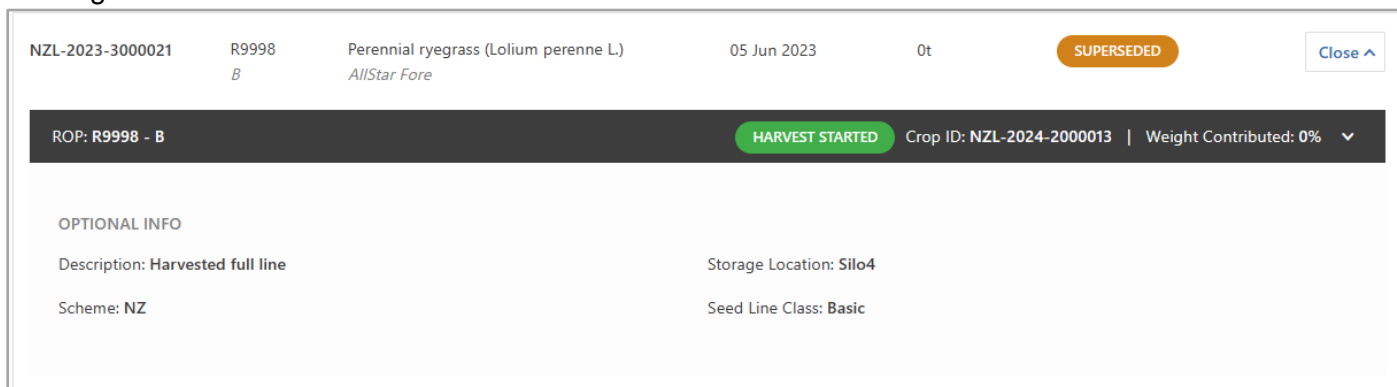
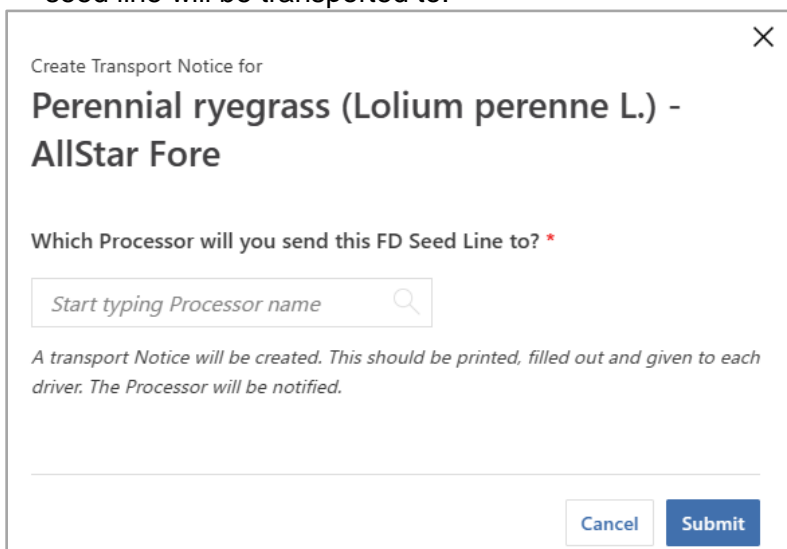


Figure 4a. This is the secondary FD seed line that was blended and now has a status of **SUPERSEDED** and no weight left.




9 Clicking on **Create Transport Notice** opens a pop up that you enter the name of the Processor your FD seed line will be transported to.




Click in the *Start typing Processor name*. This has predictive typing so when you see the Processor you want, click on them. If they have multiple sites, click on the appropriate site then click on **Submit**. The STATUS label will change from **ACTIVE** to **TRANSPORT READY**.

When the FD seed line becomes **TRANSPORT READY** and is opened, the **Create Transport Notice** will now read **Print Transport Notice** and clicking on that prints a pdf that must be filled in and given to the Processor on delivery. Every delivery must have a completed 'Transport Notice'

When an FD seed line gets to the status **TRANSPORT READY** the Processor is also notified on their SCIS screen with the **TRANSPORT READY** label. When all the FD Seed Line is delivered to the Processor and receipted in, the Grower's **TRANSPORT READY** label will change to **RECEIVED**.

The black bar in the opened FD seed line has additional information. To see that information, click on the black arrow at the right end .

10. Figure 5. Additional information when clicking on the arrow in the black band .

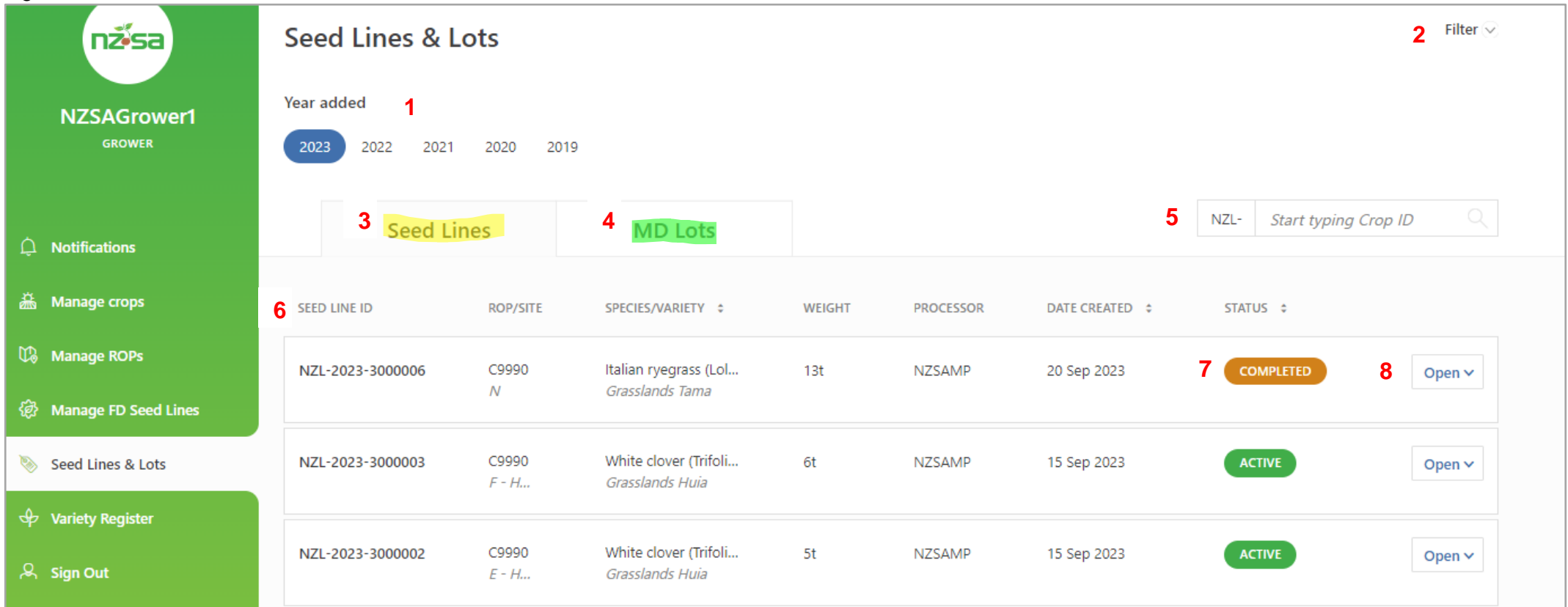
GROWER APPLICATION DETAILS	
Scheme: NZ Scheme	Crop ID: NZL-2024-2000013
Date sown: 09 Mar 2023	Crop Certification Year: 2024
Harvest class: Basic	Crop Owner: EvanandPatMP
GROWER DECLARATION	
Declaration completed: 05 Jun 2023	
HARVEST START DETAILS	
Harvest start date: 30 May 2023	Estimated harvest weight: 8t

Seed Lines & Lots

The Seed Lines and Lots screen allows you to follow your public and contracted proprietary seed crops through the Processor and seed testing actions. This includes cleaning, packing into MD lots, labelling, sampling, sending samples to the Seed Laboratory and **for MD lots labelled with OECD and OECD-EU, the final release of that MD Lot is by MPI** . It also covers re-dressing, re-bagging, re-labelling and re testing if applicable.

The Seed Lines and Lots screen has 2 tabs – these are ‘**Seed Lines**’ and ‘**MD Lots**’. The tab with bold lettering is the active tab. Each tab has its own screen. Both screens have 7 columns but some columns have different titles.

Figure 6. Seed Lines and Lots screen – Seed Lines tab active screen



The screenshot shows the 'Seed Lines & Lots' interface. On the left is a green sidebar with navigation options: Notifications, Manage crops, Manage ROPs, Manage FD Seed Lines, Seed Lines & Lots (selected), Variety Register, and Sign Out. The top header features the nzsa logo and the user name 'NZSAGrower1 GROWER'. The main content area has a title 'Seed Lines & Lots' and a 'Filter' button (2). Below the title is a 'Year added' section (1) with buttons for 2023 (selected), 2022, 2021, 2020, and 2019. There are two tabs: 'Seed Lines' (3) and 'MD Lots' (4). A search bar (5) contains 'NZL-' and the placeholder text 'Start typing Crop ID'. Below the tabs is a table (6) with columns: SEED LINE ID, ROP/SITE, SPECIES/VARIETY, WEIGHT, PROCESSOR, DATE CREATED, and STATUS. The table contains three rows of data. The first row has a 'COMPLETED' status (7) and an 'Open' button (8). The second and third rows have 'ACTIVE' status.

SEED LINE ID	ROP/SITE	SPECIES/VARIETY	WEIGHT	PROCESSOR	DATE CREATED	STATUS
NZL-2023-3000006	C9990 N	Italian ryegrass (Lol... Grasslands Tama	13t	NZSAMP	20 Sep 2023	COMPLETED
NZL-2023-3000003	C9990 F - H...	White clover (Trifoli... Grasslands Huia	6t	NZSAMP	15 Sep 2023	ACTIVE
NZL-2023-3000002	C9990 E - H...	White clover (Trifoli... Grasslands Huia	5t	NZSAMP	15 Sep 2023	ACTIVE


The layout of the Seed Lines tab active screen (the red numbers) will be explained in further detail over the next few pages.

The layout of the **Seed Lines** screen:


1. Year added The Seed Lines and Lots screen lets you see the previous 4 years. Click on the year to display that years data



2. The main filter allows you to refine a search for specific information.

The **'Seed Lines'** tab main filter - clicking on **Filter**  reveals a drop down containing 4 separate filter options that allow you to refine a search for specific information. You can use 1 or multiple options.

Seed Lines & Lots


Filter 

Species

Variety

Processor

Status (there are 4 status terms)

(empty) 


Active

Completed

Withdrawn

Superseded

Species, Variety and Processor are all predictive typing from the second letter. Click in the box, start typing until you see the selection you want and click on it (species is common name).

(empty) - if there is already an option in the Status box, click on the  and click on (empty).

Active - means the seed line is waiting to be cleaned, bagged and labelled.

Completed - has been cleaned and bagged and ready for labelling.

Withdrawn - has been withdrawn at the 'Active' stage.

Superseded – has been blended at the 'Active' stage.


Cancel
Apply Filter

- The Seed Lines tab screen lists the Seed Lines delivered to the Processor and awaiting cleaning, been withdrawn, cleaned, bagged and ready for labels or Seed Lines that have been blended, leaving the individual Seed Lines making up that blend superseded.
- The MD Lots tab screen lists the MD Lot(s) that have been produced from the individual Seed Lines or have been split or blended from individual Seed Lines. This screen will follow the MD Lots through labelling, sampling for laboratory testing and if labelled with OECD labels, the MPI release result.

- Click in *Start typing Crop ID* and start typing your crop ID (the crop ID is found in the Manage crops screen, in a Grower application line after the grower application has been approved - **Crop ID: NZL-2024-2001080**)

As soon as you type 2 numbers, a drop box appears with up to 5 Seed Line number options. Continue typing until the number you want appears then click on that number. **NB.** The drop down numbers in the drop box turn **bold** as you type.

NZL-	202	<input type="button" value="🔍"/>
	2024-2001080	
	2024-2001081	

- The Seed Lines column titles are listed below. The SPECIES/VARIETY, DATE CREATED and STATUS columns can be ascending or descending by clicking on the  symbol. The default order is descending order.

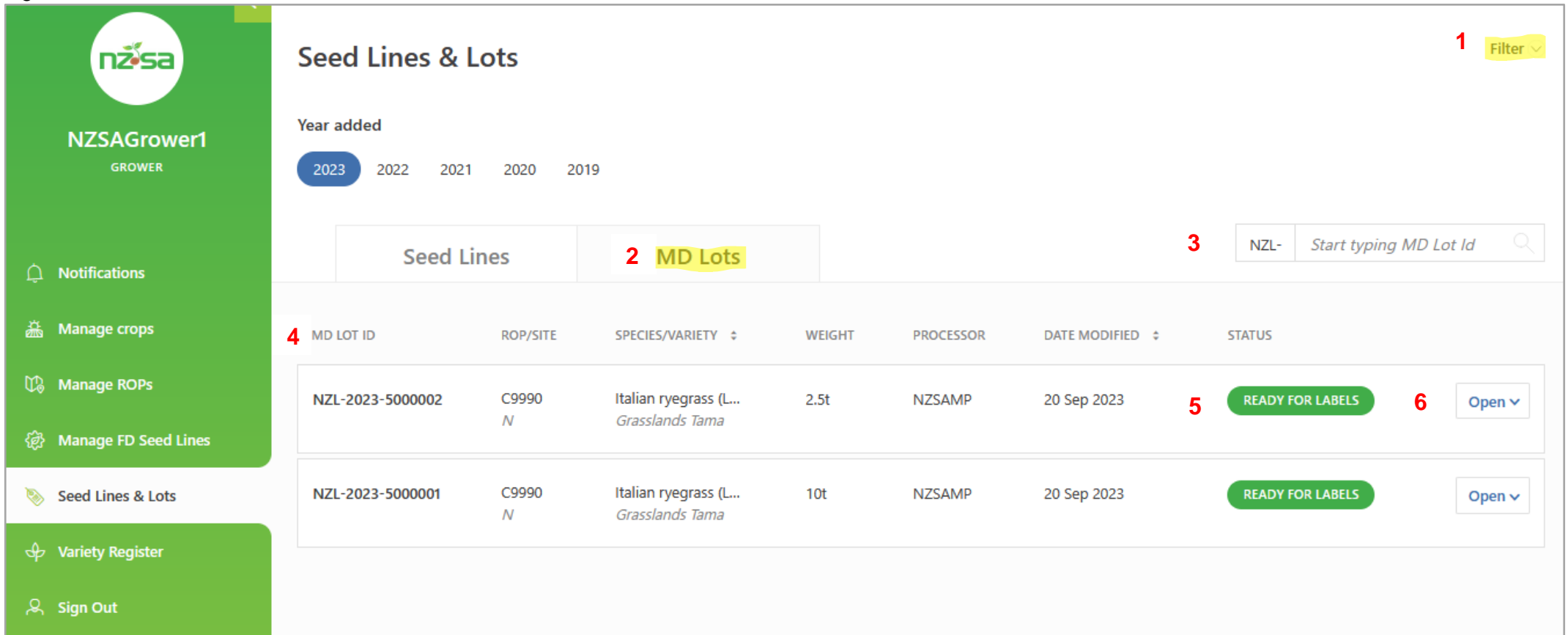
SEED LINE ID	ROP/SITE	SPECIES/VARIETY 	WEIGHT	PROCESSOR	DATE CREATED 	STATUS 
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NB. The column headings between the Seed Lines and MD Lots screens are slightly different (the blue highlighting are the different column headings).

- The Status column has coloured buttons indicating the current state of the Seed Line.
- Clicking on the button at the end of each row will reveal additional information. Clicking on the at the right end of the black bars will also reveal additional information.

The Seed Lines and Lots screen with the MD Lots tab active.

Figure 7. Seed Lines and Lots screen - MD Lots tab active screen



Seed Lines & Lots

Year added: 2023 (selected), 2022, 2021, 2020, 2019

Seed Lines | **2 MD Lots**

1 Filter

3 NZL- Start typing MD Lot Id

4 MD LOT ID	ROP/SITE	SPECIES/VARIETY	WEIGHT	PROCESSOR	DATE MODIFIED	STATUS
NZL-2023-5000002	C9990 N	Italian ryegrass (L... Grasslands Tama	2.5t	NZSAMP	20 Sep 2023	5 READY FOR LABELS 6 Open
NZL-2023-5000001	C9990 N	Italian ryegrass (L... Grasslands Tama	10t	NZSAMP	20 Sep 2023	READY FOR LABELS Open

The layout of the MD Lots tab active screen (the red numbers) will be explained in further detail over the next few pages.

- The main filter allows you to refine a search for specific information. The 'MD Lots' tab main filter - clicking on **Filter** reveals a drop down containing 4 separate filter options that allow you to refine a search for specific information. You can use 1 or multiple options.

Seed Lines & Lots Filter ^

Species

Variety

Processor

Status (there are 9 status terms)

(empty)


Search by Crop ID

Search by Crop ID - click in the *Start typing Crop ID* box. This has predictive typing - start typing the number until you see it, then click on it. **NB.** The Crop ID is located on the GA -


(empty)	(empty) - if there is already an option in the Status box, click on the v and click on (empty).
Ready For Labels	Ready for labels – Processor can order labels to attach to MD Lots.
Withdrawn	Seed line has been withdrawn.
AwaitingLabResults	MD Lot has been sampled and sample sent to laboratory.
Analysis Complete	MD Lot has completed the laboratory tests requested.
Failed Analysis	MD Lot laboratory test has failed.
Reverted	MD Lot has been reverted back to a Seed line for further processing.
Released	MD Lot has been officially released.
On Hold	MD Lot on hold awaiting a decision to release or decline.
Declined	MD Lot has been declined and reason will be stated.

- The MD Lots tab screen lists the MD Lot(s) that have been produced from the individual Seed Lines or have been split or blended from individual Seed Lines. This screen will follow the MD Lots through labelling, sampling for laboratory testing and if labelled with OECD labels, the MPI release result.



- Click in the *Start typing MD Lot Id* box and start typing the MD Lot number you want to find. As soon as you type 2 numbers, a drop box appears with up to 5 MD Lot number options. Continue typing until the number you want appears then click on that number. **NB.** The numbers in the drop box turn **bold** as you type.

NZL-	202	
	2023-5000006	
	2023-5000009	

- The MD Lot column titles are listed below. The SPECIES/VARIETY and DATE MODIFIED columns can be ascending or descending by clicking on the  symbol. The default order is descending order.

MD LOT ID	ROP/SITE	SPECIES/VARIETY 	WEIGHT	PROCESSOR	DATE MODIFIED 	STATUS
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NB. The column headings between the Seed Lines and MD Lots screens are slightly different (the blue highlighting are the different column headings).

- The Status column has coloured buttons indicating the current state of the Seed Line.
- Clicking on the  button at the end of each row will reveal additional information. Clicking on the  at the right end of the black bars will also reveal additional information.

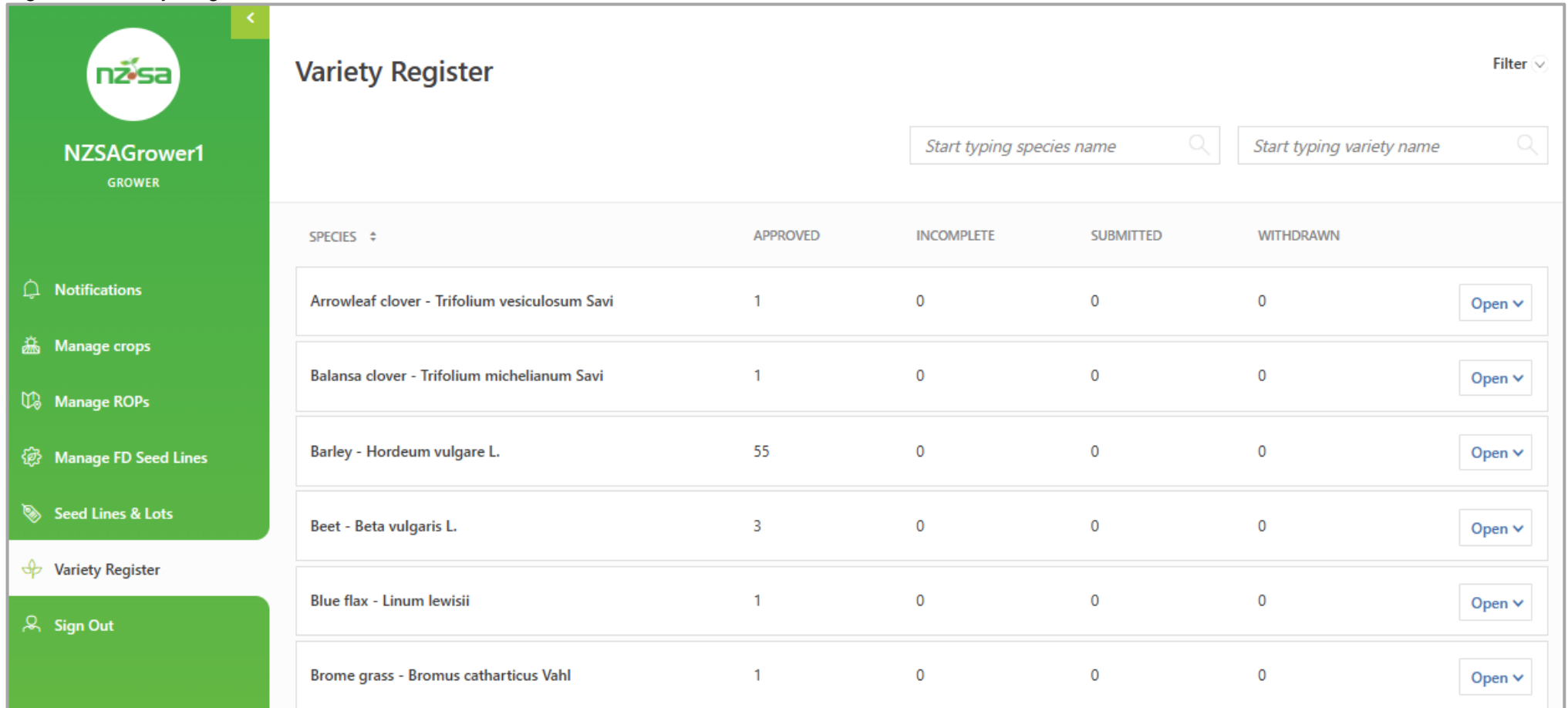
Variety Register

The variety register lists all varieties considered could be contracted to be grown providing there is an approved Variety Production Right (VPR) active.

The Grasslands public varieties of Nui, Ruanui, Manawa, Moata, Tama, Huia and Pawera have an automatic VPR created when entered for certification. The varieties must meet the requirements as stated in the MPI appendix 1 – Seed Field Production Standards.

The Variety Register is view only with the only interaction being the ability to search using the filters available and opening the individual varieties information window.

Figure 8. Variety Register screen.



The screenshot shows the 'Variety Register' interface. On the left is a green sidebar with the NZSA logo and user name 'NZSAGrower1 GROWER'. The sidebar contains navigation items: Notifications, Manage crops, Manage ROPs, Manage FD Seed Lines, Seed Lines & Lots, Variety Register (highlighted), and Sign Out. The main content area has a title 'Variety Register' and a 'Filter' dropdown. Below the title are two search boxes: 'Start typing species name' and 'Start typing variety name'. The main area contains a table with the following data:

SPECIES	APPROVED	INCOMPLETE	SUBMITTED	WITHDRAWN	
Arrowleaf clover - <i>Trifolium vesiculosum</i> Savi	1	0	0	0	Open
Balansa clover - <i>Trifolium michelianum</i> Savi	1	0	0	0	Open
Barley - <i>Hordeum vulgare</i> L.	55	0	0	0	Open
Beet - <i>Beta vulgaris</i> L.	3	0	0	0	Open
Blue flax - <i>Linum lewisii</i>	1	0	0	0	Open
Brome grass - <i>Bromus catharticus</i> Vahl	1	0	0	0	Open

Figure 9. Filters available in the variety register

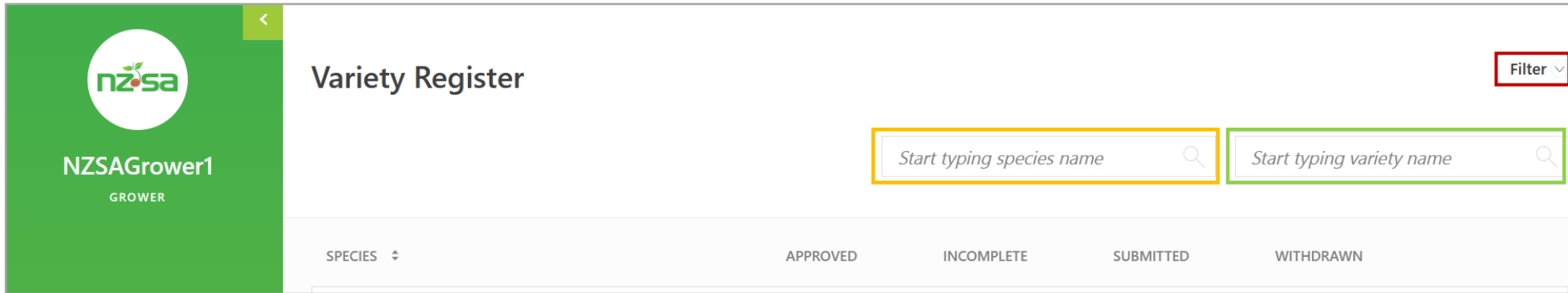
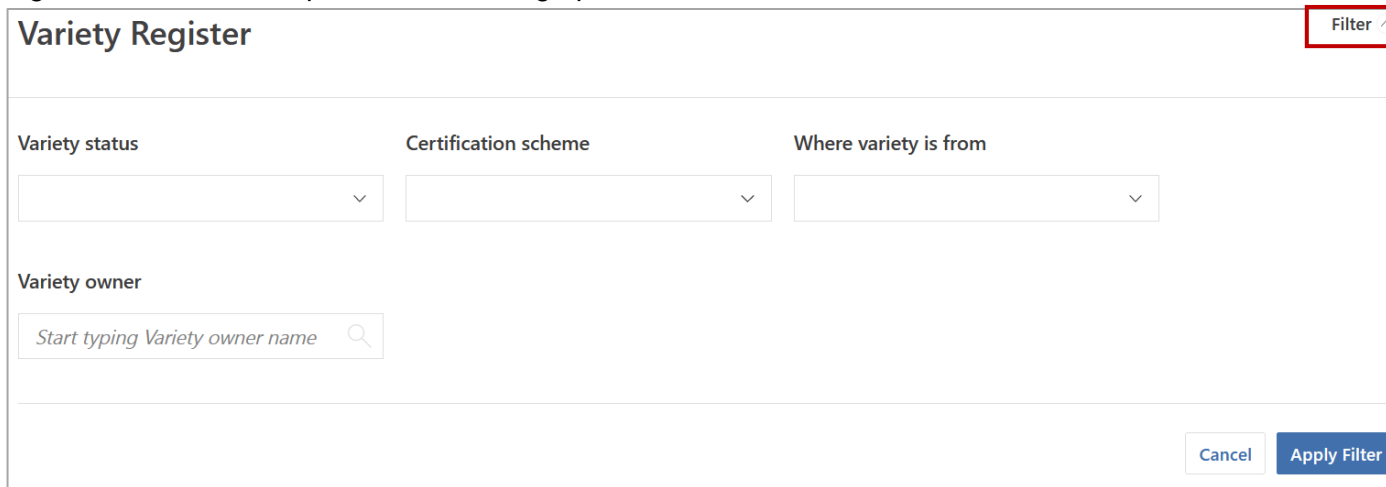
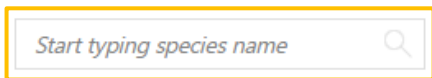


Figure 10. Main Filter opened with filtering options available.

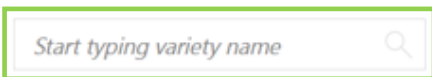


Variety status, Certification scheme, Where variety is from and Variety owner are all drop down boxes. Click in the box to reveal a list of options, click on the appropriate option then click on **Apply Filter**. You can use one filter option or combine a number of filters.


Variety owner is a predictive typing filter you click in the box and start typing. Once you type the first 2 letters, up to 5 owner names will appear. Keep typing until you see the appropriate name. Click on the name, then click on **Apply Filter**.



Start typing species name is a predictive typing filter, click in the box and start typing. When you type the first 2 letters, a drop box appears with up to 5 options. Keep typing until you see the appropriate name. Click on the name and only that species will appear on the screen. Click on the **Open** button to reveal all the varieties.



Start typing variety name is a predictive typing filter, click in the box and start typing. When you type the first 2 letters, a drop box appears with up to 5 options. Keep typing until you see the appropriate name. Click on the name and only that species will appear on the screen. Click on the **Open** button to reveal only that variety.

Figure 11. Variety register column headings – Species column can be Descending or Ascending order by clicking on the  arrows.

SPECIES 	APPROVED	INCOMPLETE	SUBMITTED	WITHDRAWN
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Sign Out

Figure 12. Clicking on 'Sign Out' logs you out of the SCIS system and returns you to the SCIS sign in screen.

