

User Manual

Aptean Food and Beverage ERP

Protein Essentials

Product Documentation



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Release notes

Article • 9/24/2025 • 1 min read

To view what's new or changed in each release of the Aptean Protein Essentials extension, select the specific release version.

Date	Release version	Description
September 2025	2501.2.0.0	Stability release
July 2025	2501.1.0.0	Stability release
May 2025	2501.0.0.0	Initial release



2501.2.0.0

Release Note • 9/24/2025 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
317600	When the language is set to Dutch, the system incorrectly translates multiple field captions on multiple pages.



2501.1.0.0

Release Note • 7/30/2025 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
314118	An error occurs when assigning a lot in the Lot No. field on the To FastTab of the Quick Production Entry page when the Enable Slaughter Date toggle on the Protein Essentials Setup page is turned off. This issue occurs only when the Aptean Quick Production extension is installed.



2501.0.0.0

Release Note • 5/22/2025 • 2 min read

Features

With the features added in this release of the Aptean Protein Essentials extension, you can:

- Enable slaughter date tracking for raw protein items by configuring the **Protein Essentials Setup** page. For more information, see [Set up protein essentials](#).
- Assign slaughter dates on item tracking lines during inventory posting, ensuring accurate traceability from receiving to consumption. For more information, see [Item tracking and lot management](#).
- Automatically generate lot numbers based on slaughter dates by configuring the **Lot No. Profile** page. For more information, see [Set up lot number profile](#).
- Create license plates that inherit slaughter dates from lot tracking lines to maintain consistent date tracking across inventory records. For more information, see [Configure license plating with slaughter date](#).
- Use inventory worksheets to validate and process raw meat items with assigned slaughter dates and lot numbers. For more information, see [Manage inventory worksheets](#).
- Create and manage sublots that inherit slaughter dates from their parent lots to support traceability at all levels. For more information, see [Configure subplot management](#).
- Access the slaughter date on the **Quick Production Entry** page to support quality checks and production traceability. For more information, see [Configure slaughter date in quick production entry](#).

Integrations

The Aptean Protein Essentials extension has been integrated with the following extensions:

- Aptean [Lot Management](#)
- Aptean [License Plating](#)
- Aptean [Inventory Worksheet](#)
- Aptean [Sublot Management](#)
- Aptean [Quick Production](#)
- Aptean [Inventory Overview](#)

For more information, see [Integrations](#).



Introduction

Article • 5/22/2025 • 1 min read

The Aptean Protein Essentials (PRT) extension is designed to enhance the management and traceability of protein products in Business Central. This extension introduces a variety of features aimed at improving operational efficiency, ensuring data accuracy, and streamlining inventory processes of raw protein materials.

The key benefits of this extension are:

- **Date tracking:** You can track important dates, such as slaughter dates. This functionality provides essential information through your inventory management system, maintaining precise records and improving traceability throughout the supply chain.
- **Flexibility and control:** You can control the visibility and requirements of these dates through user-friendly interfaces, ensuring that only relevant information is displayed based on specific business needs. This flexibility allows for easy customization and adaptation to changing requirements.

! Note

- To use the Aptean Protein Essentials extension, the following extensions must be installed.
- Aptean [Lot Management](#)
- Aptean [Inventory Overview](#)
- Aptean [License Plating](#)
- Aptean [Inventory Worksheet](#)
- Aptean [Quick Production](#)



Setup

Article • 5/22/2025 • 1 min read

The following setups are required.

- [Manage permission sets](#)
- [Set up protein essentials](#)
- [Item configuration](#)



Manage permission sets

Article • 5/22/2025 • 3 min read

Permission sets in Business Central define a user's access level to various features and data within this extension. We provide the following system permission sets:

- Direct
- Indirect

Direct permission sets

Users with this permission set can perform specific actions directly without requiring additional approvals or workflows. These sets include permissions to read, modify, delete, and create data.

The direct permission set ID for this extension is *PROTEINESS187FDW*.

Indirect permission sets

Users with this permission set can perform specific actions. This is used in conjunction with other permission sets to allow you to perform certain actions. These permissions typically involve additional conditions or approvals before the action can be completed.

The indirect permission set ID for this extension is *PROESSBASIC187FDW*.

User-defined permission sets

In addition to the system permission sets we provide, you can create new permission sets or copy system permission sets and modify or delete access to specific entities according to your requirements. For more information, see [Assign permissions to users and groups](#).

Assign a permission set

1. Select the Search icon  , enter **Users**, and then choose the related link.

The Users list page opens.

2. Navigate to the username for which you want to assign the permission set and select it.

The User Card page opens.

3. On the **User Permission Sets** FastTab, in the **Permission Set** field, enter the valid permission set for this extension.

The associated fields are automatically updated based on the entered value.



The user has the necessary permissions to use the features of the Aptean Protein Essentials extension, ensuring secure and role-based access.



Set up protein essentials

Article • 5/22/2025 • 2 min read

Set up protein essentials

The system accurately tracks and manages slaughter dates across inventory and lot-related pages, supporting compliance and traceability requirements.

To enable the slaughter date functionality, follow these steps:

1. Select the Search icon  , enter **Protein Essentials Setup**, and then choose the related link.

The **Protein Essentials Setup** page opens.

2. On the **General** FastTab, turn on the **Enable Slaughter Date** toggle.

The system displays the **Slaughter Date** field on the following pages:

- Item Tracking Lines
- Lot No. Information Card
- Lot No. Information List
- Lot No. List
- Inventory Overview
- Inventory Worksheet Item Ledger Entries
- Item Tracking Summary
- Posted Item Tracking Lines
- License Plate

Note

When the **Require Slaughter Date** toggle on the **Item Card** page is turned on, you cannot turn off the **Enable Slaughter Date** toggle on the **Protein Essentials Setup** page.



Item configuration

Article • 6/10/2025 • 1 min read

You must configure items that require a slaughter date to ensure the tracking requirements are met for the inventory and production processes.

To set up the item, follow these steps:

1. Open the required **Item Card** page.
2. On the **Item Tracking** FastTab, turn on the **Require Slaughter Date** toggle to mandate the entry of a slaughter date.

The slaughter date is entered on the **Item Tracking Lines** page when assigning lot numbers.

It is mandatory to turn on the **Lot Specific Tracking** and **Create Lot No. Info. on posting** toggles on the **Item Tracking Code Card** page to enter value in the **Item Tracking Code** field.



Manage item tracking and lots

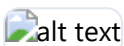
Article • 6/10/2025 • 2 min read

You must define item tracking setting for raw meat items to ensure that a slaughter date is captured for each lot.

Note

When the **Slaughter Date** field value is assigned for a particular lot, you cannot change it.

To set up an item with slaughter date tracking, follow these steps:

1. Select the Search icon  , enter **Item Journals**, and then choose the related link.

The **Item Journals** page opens.

2. On the action bar, select **Item Journals > Item Tracking**.

The **Item Tracking Lines** page opens.

3. In the **Slaughter Date** field, enter the date for the selected lot.

Note

- When the **Require Slaughter Date** toggle on the **Item Card** page is turned on, it is mandatory to specify a date in the **Slaughter Date** field value on the **Item Tracking Lines** page. If the slaughter date is not entered, the system displays an error message when posting the document.
- The system does not allow the selection of a future date in the **Slaughter Date** field. If a future date is entered, an error message is displayed.

4. Navigate back to the **Item Journals** page.

5. On the action bar, select **Post**.

After posting, the system inherits the **Slaughter Date** field value from the **Item Tracking Lines** page and is displayed to the following pages:

- Item Ledger Entries
- Lot No. Information List
- Lot No. Information Card

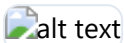


Set up lot number profile

Article • 6/10/2025 • 4 min read

You can configure lot number profiles to ensure that lots are generated automatically along with the slaughter date.

To set up a lot number profile, follow these steps:

1. Select the Search icon  , enter **Lot No. Profile**, and then choose the related link.

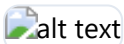
The **Lot No. Profile** page opens.

2. In the **User Date** field, select *Slaughter Date*. The lot number profile is set up.
3. On the **Item Card** page, in the **Lot No. Profile** field enter the lot number profile value. It is mandatory to turn on the **Lot Specific Tracking** and **Create Lot No. Info. on posting** toggles on the **Item Tracking Code Card** page.

Post item journals

You must post item journals after assigning the slaughter date to the lots, ensuring traceability from inventory transactions.

To post item journals, follow these steps:

1. Select the Search icon  , enter **Item Journals**, and then choose the related link.

The **Item Journals** page opens.

2. On the action bar, select **Item Journals > Item Tracking**. The **Item Tracking Lines** page opens.
3. Ensure that the **Slaughter Date** is assigned to the lot.

Based on this configuration, when you assign a slaughter date in the **Item Tracking Lines** page, the system auto-generates the **Lot No.** field value using the slaughter date. For example, `SL-032025`

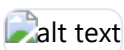


Manage inventory worksheets

Article • 5/22/2025 • 2 min read

You can configure inventory worksheet lines with the appropriate **Slaughter Date** and **Lot No.** field values to ensure accurate inventory adjustment for protein items.

To set up the inventory worksheet, follow these steps:

1. Select the Search icon  , enter **Inventory Worksheet**, and then choose the related link.

The **Inventory Worksheet** page opens.

2. In the **Slaughter Date** and **Lot No.** fields, enter the same values as the corresponding fields on the **Lot No. Information Card** page.

You can validate the data by executing the **Validate Data** action (**Actions** > **Process**). If there are errors, they are updated in the **No. of Errors** field.

3. On the action bar, select **Process Records** > **Actions** > **Related**.
4. Select **OK**. The inventory worksheet is set up.



Configure subplot management

Article • 5/22/2025 • 3 min read

You can configure sublots to inherit slaughter date information from parent lots to ensure traceability.

Note

This functionality is available only when the Aptean [Sublot Management](#) extension is installed.

To set up a subplot, follow these steps:

1. Select the Search icon , enter **Lot No. Information List**, and then choose the related link.
The **Lot No. Information List** page opens.
2. Select the lot for which you want to create a subplot and then open the **Lot No. Information Card** page.
3. On the action bar, select **Create Sublot** action.
4. Select the AssitEdit  and execute the **Assign Lot No.** action. New lot is created in the **Sublot No.** field on the **Craete Sublot** page.
5. On the action bar, select **Sublots**.
The **Sublots** page opens, displaying the list of sublots.

To view the slaughter date for a subplot:

You can select the required subplot. The **Lot No. Information Card** page opens. The **Slaughter Date** field value for the subplot is inherited from the parent lot.

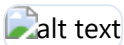


Configure license plating with slaughter date

Article • 6/10/2025 • 2 min read

You can configure license plating for items with slaughter date to ensure that the date is inherited and tracked.

To configure license plating for an item with a slaughter date, follow these steps:

1. Select the Search icon  , enter **Item Journals**, and then choose the related link.

The **Item Journals** page opens.

2. Select the **Item Tracking** field value. The **Item Tracking Lines** page opens.
3. On the action bar, select **Create License Plate**. The **Create License Plate** page opens.
4. In the **Slaughter Date** field, specify the date on which the animals were slaughtered. The **Slaughter Date** field value is inherited from the **Item Tracking Lines** page and is displayed on the **License Plate Card** page.



Configure slaughter date in quick production entry

Article • 6/10/2025 • 3 min read

You can configure slaughter date tracking on the **From** FastTab and **To** FastTab of the **Quick Production Entries** page. This functionality ensures that all raw meat is traceable and validated throughout the production process.

To configure slaughter date in quick production entry

1. Select the Search icon  , enter **Quick Production Entries**, and then choose the related link.

The **Quick Production Entry** page opens.

2. On the **From** FastTab,

When the **Lot No.** is selected, the **Slaughter Date** field value is automatically inherited from the lot number.

3. On the **To** FastTab:

When a lot is assigned, the **Slaughter Date** field is automatically populated.

You can manually reassign the date in the **Slaughter Date** field.

Note

The system does not allow the selection of a future date in the **Slaughter Date** field. If a future date is entered, an error message is displayed.

Quick production additional consumption

1. On the action bar, select **Additional Consumption**.

The **Quick Production Additional Consumption** page opens.

2. When the **Lot No.** field value is selected, the **Slaughter Date** field is automatically inherited from the lot number and is hidden from the user interface.

Slaughter date in released production order

1. After creating the production order, navigate to the **Released Production Order** page.

2. In the **Lines** FastTabs, on the action bar, select **Item Tracking Lines**.

The **Item Tracking Lines** page opens and the system updates the **Slaughter Date** field value.



Integrations

Article • 6/10/2025 • 1 min read

The Aptean Protein Essentials extension has been integrated with the following extensions:

- [Aptean Lot Management](#)
- [Aptean License Plating](#)
- [Aptean Inventory Worksheet](#)
- [Aptean Sublot Management](#)
- [Aptean Quick Production](#)
- [Aptean Inventory Overview](#)



Aptean Lot Management

Article • 6/10/2025 • 1 min read

The Aptean [Lot Management](#) extension must be installed to use the Aptean Protein Essentials extension. You can assign slaughter dates on item tracking lines during inventory posting, ensuring accurate traceability from receiving to consumption. For more information, see [Manage item tracking and lots](#).



Aptean Inventory Overview

Article • 6/10/2025 • 1 min read

The Aptean [Inventory Overview](#) extension must be installed to use the Aptean Protein Essentials extension.



Aptean License Plating

Article • 5/22/2025 • 1 min read

The Aptean [License Plating](#) extension must be installed to use the Aptean Protein Essentials extension. You can create license plates that inherit slaughter dates from lot tracking lines to maintain consistent date tracking across inventory records. For more information, see [Configure license plating with slaughter date](#).



Aptean Inventory Worksheet

Article • 5/22/2025 • 1 min read

The Aptean [Inventory Worksheet](#) extension must be installed to use the Aptean Protein Essentials extension. You can use inventory worksheets to validate and process raw meat items with assigned slaughter dates and lot numbers. For more information, see [Manage inventory worksheets](#).



Aptean Sublot Management

Article • 5/22/2025 • 1 min read

When the Aptean Protein Essentials extension is used in conjunction with the Aptean [Sublot Management](#) extension, you can enable slaughter date inheritance from the parent lot to each sublot created. This ensures full traceability for protein products that are split into smaller traceable units within the inventory. For more information, see [Configure sublot management](#).



Aptean Quick Production

Article • 5/22/2025 • 1 min read

The Aptean [Quick Production](#) extension must be installed to use the Aptean Protein Essentials extension. You can access the slaughter date on the **Quick Production Entry** page to support quality checks and production traceability. For more information, see [Configure slaughter date in quick production entry](#).

