

Topcon Agriculture Support Bulletin

TAP-Feed Web App-Version Lite Software Release

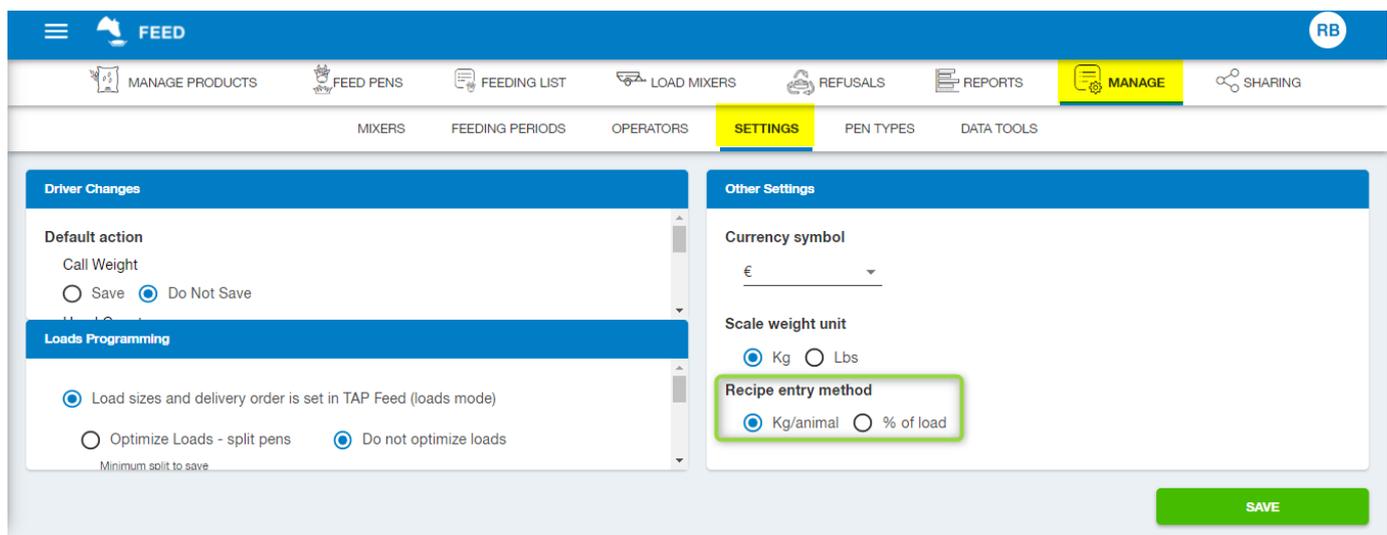
Description



New Features and Improvements

% input for ingredients implemented for recipes and premixes next to weight/animal input method.

TAP Feed supports two recipe entry methods. By default, this is set to weight per animal. This can be changed through [Manage] [Settings].



When changing to %, TAP Feed will prompt a warning:

Warning!



The requested change will initially be set to ‘% dry entry method’. In order to avoid conflicts, the system will activate the “Adjust actual weight on ingredient dry matter % change” across all existing recipes and premixes. When “% actual weight entry method” was previously selected, it will default to this method. This change cannot be automatically reverted (or undone). Do you wish to continue?

CANCEL

CONFIRM

May-2021

This indicates that the entry method will be put on changing the percentage based on the Dry amount. This can be altered later in the recipe itself. Next to that, it will also activate 'Adjust actual weight on ingredient dry matter % change' in all recipes.

When you previously used this percentage recipe method and you were using the '% actual weight entry method', the change will revert back to this previously used setting. For this recipe entry method, the option 'Adjust actual weight on ingredient dry matter % change' is not available.

Once this warning is confirmed the change needs to be confirmed with 'Save'.

Percentage recipe entry method based on Dry matter

The recipe screen will now display some extra buttons:

1. At the top the 'Target weight per animal' is entered. In the case of changes based on 'Dry Matter %' this will be the targeted dry matter amount per animal.
2. With this button the entry method can be switched from dry % of the load to actual % of the load.
3. The 'Total load %' button keeps track if the recipe is entered for 100% (turns green) or not yet (turns red).
4. In this column the percentage of the load is entered for each ingredient. Water is an exception to this, as it does not contain any dry matter and will always be entered as Actualload %. The percentage of Water cannot be higher than 99% of the load.
The arrow pointing up behind the percentage value is a tool which can be used to reach 100% of the total recipe load. For the ingredient that you press that arrow, it will increase the percentage of that ingredient to reach 100% for the total recipe. This also works the other way around, to decrease the amount of an ingredient to reach 100% by reducing the % of a specific ingredient.
5. With the percentage entry method based on dry matter, it is mandatory to use the option 'Adjust actual weight on ingredient dry matter % change' and is therefore disabled from switching off.

Percentage recipe entry method based on Actual load

Within the recipe entry method on percentage, the option is available to switch from dry matter to actual load percentage at the top of the recipe screen. By changing, TAP Feed will prompt a warning:

Warning!



"Adjust actual weight on ingredient dry matter % change" and "Auto Adjust Water" are not supported for "% Actual" entry method. These will be disabled for this recipe.

CANCEL

APPLY

Two options that are available for the recipe entry based on percentage dry matter are not available in the recipe entry based on actual load. These are therefore automatically disabled once switched.

Ingredient	Actual % load	Dry matter % load
1 ^o Ingredient 1 Roughage 30% DM	20,0000 ↑ 11,00 Kg/animal	18,7500 3,30 Kg/animal
2 ^o Ingredient 2 Roughage 35% DM	40,0000 ↑ 22,00 Kg/animal	43,7500 7,70 Kg/animal
3 ^o Ingredient 3 By product 40% DM	30,0000 ↑ 16,50 Kg/animal	37,5000 6,60 Kg/animal
4 ^o Water 0% DM	5,0000 ↑ 2,75 Kg/animal	0,0000 0,00 Kg/animal

TOTAL AMOUNT	Actual load	Dry matter	Dry matter average	Price/animal
	52,2500 Kg/animal	17,6000 Kg/animal	33,68%	0,09 €

The display will display the same buttons as before, but now the Actual load column can be entered.

- At the top the Target weight per animal is entered. In the case of changing based on Actualload % this will be the targeted actual amount per animal.
- With this button the entry method can be switched from actual % of the load to dry matter % of the load
- The Total load % button keeps track if the recipe is entered for 100% (turns green) or not yet (turns red)
- In this column the percentage of the load is entered for each ingredient. Water does not contain any dry matter and will always be entered as Actual load %.
- The arrow pointing up behind the percentage value, is a tool which can be used to reach 100% of the total recipe load. For the ingredient that you press that arrow, it will increase the percentage of that ingredient to reach 100% for the total recipe.
- With the percentage entry method based on actual load, the auto adjust water option is not available and is therefore disabled from switching on.

Auto water adjust now supported in recipes and premixes

TAP Feed has the feature to auto adjust water in a recipe based on the target dry matter %.

In the 'edit recipe' screen you will find the slider on the left side to turn this ON or OFF.

Edit recipe

Recipe name*
LOWS1

Display name*
LOWS1

Recipe type*
Default

Density*
350 kg/m³ **CALCULATE DENSITY**

Auto adjust water Dry Matter %
OFF **ON** 35

Adjust actual weight on ingredient dry matter % change
OFF **ON**

Recipe usage
OFF **ON**

UPDATE RECIPE
CANCEL

4 Ingredients and premixes added

Target weight Kg/animal 48.571428571 17 Actual **Dry** Total load % 100

Ingredient	Actual load % load	Dry matter % load	Mixer commands
1° CONCENTRATE CONC Concentrate 80% DM INGREDIENT	9.8315 4.7753 Kg/animal	25 4.25 Kg/animal	0 None Manual
2° Grass Grass Roughage 35% DM INGREDIENT	70 34 Kg/animal	70 11.9 Kg/animal	0 None Manual
3° SOYA SOYA Concentrate 80% DM INGREDIENT	1.9663 0.9551 Kg/animal	5 0.85 Kg/animal	0 None Manual
4° Water H2O 0% DM INGREDIENT	18.2022 8.8411 Kg/animal	0 0 Kg/animal	0 None Manual

TOTAL AMOUNT Actual load 48.5714 Kg/animal Dry matter 17.0000 Kg/animal Dry matter average 35.00% Price/animal 14.04 €

1. When this option is activated, the Dry Matter % will first reflect the current dry matter percentage in the recipe.
2. When entering the desired Dry Matter %, the ingredient Water is automatically added with the amount to achieve the entered Dry Matter %.

When there is already an ingredient Water present in the recipe, the amount of water that needs to be added to the recipe to reach the desired dry matter % value will be divided evenly over these two ingredients.

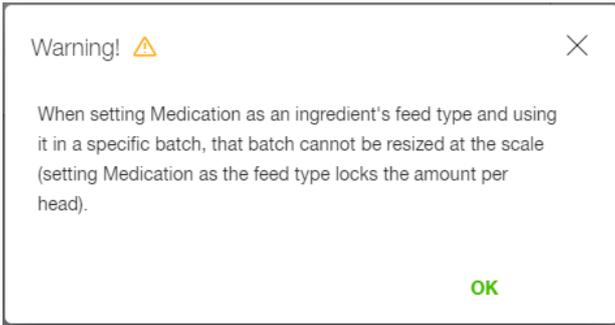
If you work with data entry method of kg per animal, auto adjust water is always possible to activate. When using the data entry method on percentage, it will only be available when you are entering amounts on % Dry and not on % Actual.

With the auto adjust water feature enabled, it is not possible to remove the water ingredient. When the Dry Matter % of the recipe reaches a level that no more water is needed, the amount will be set to zero, but the water ingredient will stay in the recipe.

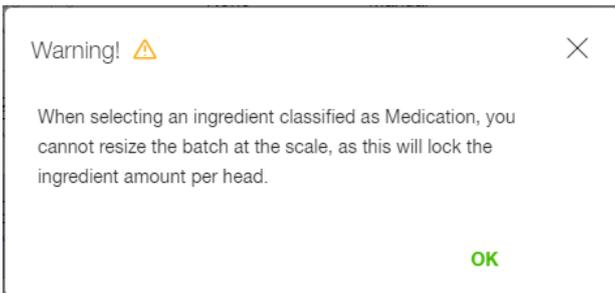
Medication feed type adjustments. Ingredient types has type 'Medication'. An ingredient with this type set has some exceptions:

- The ingredient type 'Medication' turns purple in both ingredient list, ration edit screen and a load on the Feed App turns purple when the recipe contains a 'medication ingredient type'.
- When using an ingredient in a ration that has a feed type of medication, that ingredient amount per head locks to whatever specified amount per head has been filled in. Call

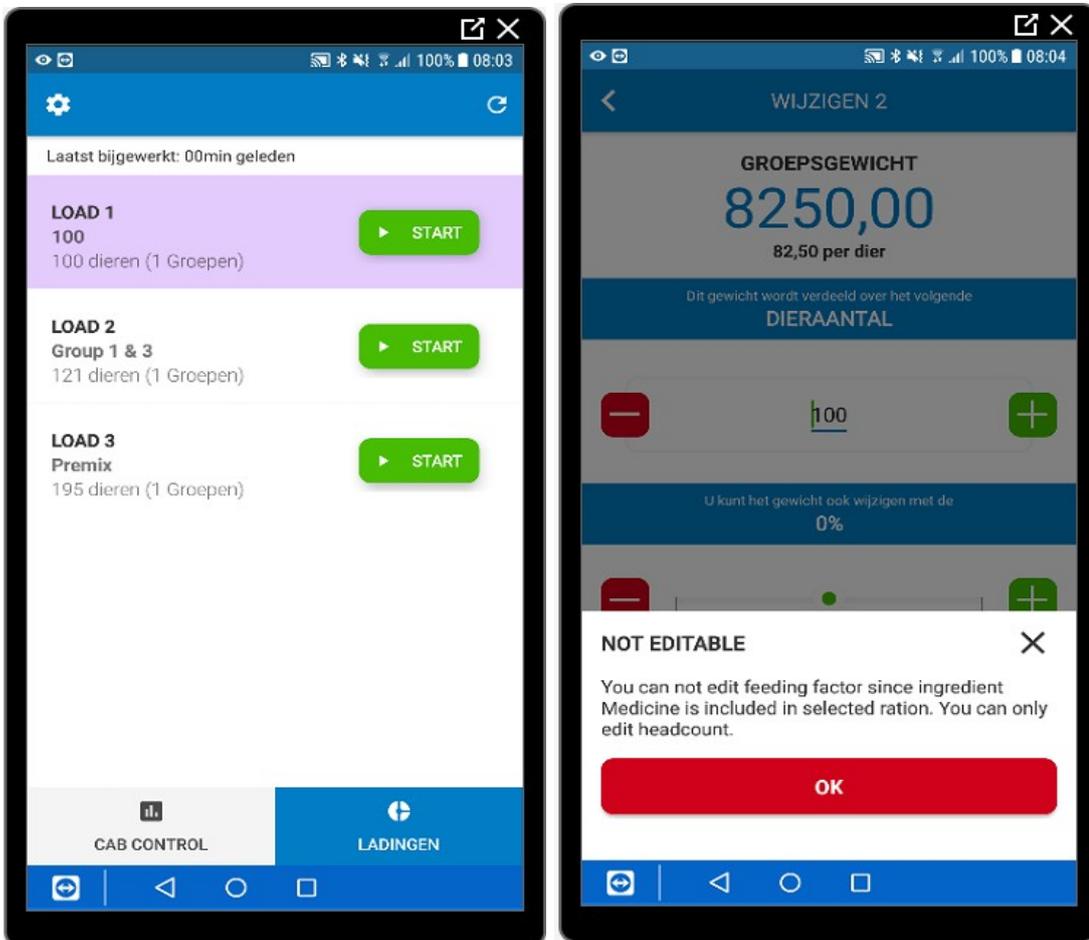
Weight, Daily Requirement %, and Feeding Factor % changes all leave the medicated feed from being changed. When an ingredient is set to medication ingredient type following warning is shown:



When an ingredient which is set to 'medication ingredient type' is added to a recipe, following warning is shown:



This means that Call Weight, Daily Requirement %, and Feeding Factor % changes all leave the medicated feed from being changed and the Feed App will 'prevent' the end user from making these changes, but the legacy scales do not block the end user. On the Feed App the load with a medication ingredient shows with a purple color and the warning message trying to change the feeding factor:



Next to 'Loads Mode', now 'List mode' is available, but can only be used with scales that is are compatible with list mode

The system now allows the user to switch between different delivery methods, so that they can organize feeding the way they are more comfortable with.

Under the setting area it is possible to switch between 'List mode' and 'Loads mode'. If the customer has a registered mixer that is not compatible with list mode, a warning is shown that it is not possible to select 'List Mode' as long as that mixer is registered/in use.

Under [Manage] [Mixers] it is not possible to register a non-compatible display model if 'List mode' is selected, a warning informs the user the reason:

Creating a new mixer

When List mode is selected:

The load screen should reflect exactly the scheduling of group recipes and no automatic creation of loads will be used. The columns "Mixer size" and "Load" are hidden and the download list has the 'List mode' layout:

Load list

Feeding period	Pen	Animals	Recipe name	Recipe weight
1	Group B	100	100	8250 Kg
1	Group 1	121	Group 1 & 3	3146 Kg
1	--	--	Premix	1000 Kg

The load list will be sent to

Mixer A +

[DOWNLOAD LIST](#)
SEND TO MIXER

Refusal registration TAP Feed Lite Web App

To correctly display the dry matter intake of the animals, refusals need to be taken into account. TAP Feed Lite has the [Refusals] area added.

FEED
RB

MANAGE PRODUCTS
FEED PENS
FEEDING LIST
LOAD MIXERS
REFUSALS
REPORTS
MANAGE
SHARING

This area by default will show all deliveries to the pens over the last 7 days.

Time range
25-03-2021 - 31-03-2021

DM INTAKE PER HEAD REPORT

Refusals

DRY

Delivery			Delivered weight		Refusals		
Date	Recipe	#Animals	Actual	Dry	Weight	%	
31-03-2021 08:04	DRY	35	1.106	424	25,00	2,26	<input type="button" value="CANCEL"/> <input type="button" value="SAVE"/>
30-03-2021 08:04	DRY	35	1.106	424	13,00	1,18	<input type="button" value="CANCEL"/> <input type="button" value="SAVE"/>
29-03-2021 08:04	DRY	35	1.124	430	5,00	0,44	

MILK

Delivery			Delivered weight		Refusals	
Date	Recipe	#Animals	Actual	Dry	Weight	%
31-03-2021 08:11	MILK	150	4.068	1.629	25,00	0,61
31-03-2021 08:18	MILK	150	2.712	1.086	36,00	1,33
30-03-2021 08:11	MILK	150	4.068	1.629	120,00	2,95
30-03-2021 08:18	MILK	150	2.712	1.086	2,00	0,07
29-03-2021 08:11	MILK	150	4.191	1.689	33,00	0,79
29-03-2021 08:18	MILK	150	2.842	1.143	157,00	5,52

1. The search bar can be used to find a particular group.
2. Select the time range. This is set by default at 7 days.
3. Each group can be expanded or collapsed by clicking on the name of the group.
4. The amount of refusal can be entered per feeding in the column Weight. The refusal amount can never exceed the amount fed.
5. The column % refusal shows the percentage of refusals based on the amount fed.
6. Once the amount is entered, you can either 'Save' this entry or 'Cancel'. To prevent too many mouse clicks, the ENTER key can be used, so after the refusal value has been entered, the Enter key can be used to save and the preselects the next row's value.
7. With the button 'DM intake per head report' the dry matter intake report is opened for the time range chosen in the refusal screen. Here the effect of the entered refusals on the dry matter intake of the animals is visible.

Dry matter intake per head correct for Refusal entry.

Time range
25-03-2021 - 31-03-2021

CREATE PRESET
DOWNLOAD
⚙️

Date	Ration	Call weight	Delivered weight	Dry weight	#Animals	Price (€)	Price/Animal (€)	Weighback	Refusal %	DMI / Animal
DRY (DRY)		1.106	1.112	426	35	0,00	0,00	14	1,26	12,01
		3.318	3.336	1.278		0,00	0,00	43	1,29	
29-03-2021	DRY (DRY)	1.106	1.124	430	35	0,00	0,00	5	0,44	12,24
30-03-2021	DRY (DRY)	1.106	1.106	424	35	0,00	0,00	13	1,18	11,97
31-03-2021	DRY (DRY)	1.106	1.106	424	35	0,00	0,00	25	2,26	11,84
MILK (MILK)		6.780	6.864	2.754	150	0,00	0,00	124	1,81	18,03
		20.340	20.593	8.261		0,00	0,00	373	1,81	
29-03-2021	MILK (MILK)	6.780	7.033	2.832	150	0,00	0,00	190	2,70	18,37
30-03-2021	MILK (MILK)	6.780	6.780	2.715	150	0,00	0,00	122	1,80	17,77
31-03-2021	MILK (MILK)	6.780	6.780	2.715	150	0,00	0,00	61	0,90	17,94

1. The amount of refusal is shown, including the average and the total amount for this specific time range.
2. The % refusal based on the total amount is shown here, including the average and the total amount for this specific time range.
3. The DMI is displayed correct for the refusal amount entered

May-2021

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Auto generated operator ID change

When a new operator is created, this operator will now get the first available number and it is possible to edit the operator ID if needed.

Languages

Hungarian and Turkish languages are now available.

Dollar sign placing

The dollar sign is placed before the amount and the rest of the currencies behind the amount.

Water price and location editable

It is now possible to change the price and location of the H2O ingredient.

Editing the ingredient: Water CANCEL **SAVE INGREDIENT**

General information Ingredient usage OFF ON

Ingredient name * <input type="text" value="Water"/>	Display name * <input type="text" value="H2O"/>	Price Actual weight <input type="text" value="€ 0,830"/> / <input type="text" value="Tonne"/>
Select a type <input type="text"/>	Location <input style="border: 2px solid green;" type="text" value="Tank A"/>	Dry weight <input type="text" value="€ -"/>
Dry matter * <input type="text" value="0,00"/> %		

Default price unit Tons

For new created ingredients the price unit now defaults to most common recorded size which is Tons.

Incorrect data notifications

If 'incorrect'/'suspicious' data is received from the scale, this will be not be processed, but instead saved in Storage and the end user will get a notification to contact the helpdesk to resolve the issue. The notification will show up every time logging in and a file is found in Storage /Feed/Errors.

☰ FEED
RB

MANAGE PRODUCTS
FEED PENS
FEEDING LIST
LOAD MIXERS
REFUSALS
REPORTS
MANAGE
SHARING

Pens

All pen types

Hide pens not in use

2 Pens Download list

Group 1
GR1 | 121 animals

Group B
2 | 100 animals

+



No pen selected yet

You can select a pen from the sidebar on the left to see the feeds information

⚠

A file with erroneous data is found, please contact the helpdesk to resolve this.

To check the content of this folder, navigate to Storage:

The file(s) will be available and possible to download and once the issue has been resolved, to be removed to no longer generate the notification. Do NOT use the import option that is provided in storage. This is will not work for TAP Feed files.

Using December 31th now works correct for reports

When 31-12-2020 was applied as an end date with reports, this could result in an error and this now has been resolved.

Scale weight unit setting added

The 'Scale weight unit' setting has been added to [MANAGE] [SETTINGS]. By default, this will be set to the correct weight unit once the account is created and should NOT be changed without consulting the helpdesk.

TAP Feed Agent improvements

The TAP Feed Agents has several stability and setup improvements. The Agent window will be shown after installation and system reboot to improve visibility and with 'Hide' this will be moved to the tray icon.