

Fusion Release Notes

Version: 2.7; Build Date: 2013-12-27

New Features

- Added support for Windows 8.1 and OS X Mavericks.
- When submitting to Benchmark, you now have the option to decide which files are submitted for each location.
- There is a new way to send troubleshooting information to someone at SSG Fusion. From the File menu, or from the Options button at chuteside and in the truck, choose the Send Troubleshooting Info... option. A window will open where you can enter a message and choose who to send it to. After the window closes, a screenshot of the entire screen will be taken and emailed with your message and other information for troubleshooting purposes. This should normally be done under the guidance of someone from SSG Fusion. You must have an internet connection for this to work.

New Chuteside Features

- You can now create and edit your own Heads Up Display windows for use in chuteside jobs.
- Added the following options to the chuteside job sort criteria:
 - Avg Lot Weight (Job)
 - Absolute Scale Weight Difference From Lot (Job)
 - Scale Weight Is Greater Than Lot Weight (Job)
 - Avg Pen Weight (Record)
 - Avg Pen Weight (Job)
 - Absolute Scale Weight Difference From Current Pen (Record)
 - Absolute Scale Weight Difference From Current Pen (Job)
 - Scale Weight Is Greater Than Current Pen Weight (Record)
 - Scale Weight Is Greater Than Current Pen Weight (Job).
- Added "ml" and "dose" as new drug units.
- Added "Intraspinal" as an administration route option for drugs.
- Animal height and backfat thickness can be expressed in mm.

New Feeding Features

- Most of the feeding related windows now have help buttons. You can use these to get more information about the new features.
- You can now have a different number of feeding passes for each ration. This can be set up in the Ration edit window. This information can be shown in the Ration list window as well.
- You now tell Fusion which feeding pass you are on and it is remembered in each truck separately. This will be reset to 1 each morning. You can set the pass you are on in the Mix Load window, the Pen Focus window, and the Truck Load Reset window.
- The sex of the principle lot in a pen has been added to the Pen Focus list and the same area in the Daily Feed Detail window.
- New bunk call indicators have been added. They are Principle Lot, Principle Lot Sex, and Principle Lot Count In Pen.
- When changing a ration during the bunk call, if the intended sex assigned the ration version conflicts with the sex of the principle lot in the pen, a warning will now be given and the user must confirm the change.

- Fusion now has a built in timer to record load mixing time.
- You can now see the as fed equivalents next to the bunk calls as you make them. (Note that there is a preference that must be turned on for this information to be shown. We actually don't recommend it except as a learning tool when first transitioning to Fusion for new customers.)
- There is a new window called the Dry Matter Tutorial which should help those converting from as fed bunk calls to dry matter bunk calls understand what is going on a bit better. It can be found at Fusion Feed→Feeding→Dry Matter Tutorial.

New Reporting Features

- The Pen list window now has additional fields that can be displayed to show the bunk call for each day during the past week.
- The Load Ingredient list window, which can be opened as a child window to the Load list window, now shows the date of the load which will make some kinds of reports easier to build.
- There is a new field in the Feed Delivery list window that shows whether a delivery was the last one fed to a pen for a day. One way this can be used is to calculate feed delivery accuracy by concentrating only on the last delivery fed to each pen each day for those who don't follow a precise target for earlier feedings in the day.
- The Lot Center Detail Print functionality has been enhanced in preparation for customer invoices to be printed from the Lot Center. The following things have changed in the Detail Print definition window:
 - Rather than clicking a section on or off, you add only the sections you want to print. The side affect of this is that you can print the same section multiple times in the report, each time in a different way.
 - You can now modify the label for each element and column in a section.
 - For each element or column in a section you can determine the time period used to calculate the data. The choices are Constant, Period Only, To End of Period, From Beginning of Period, or Life of Lot. In addition, you can determine whether these values are for the entire lot or just for and owner's percentage.
 - Inline child reports can be included as new sections.
 - Two new SSGi_... variables (SSGi_LotCenterRangeBegin and SSGi_LotCenterRangeEnd) are automatically set when printing detail reports from the Lot Center window. These can be used with associated advanced finds with the inline child reports.

Changes

- Fusion will no longer accept a zero weight when creating new in cohorts. You must at least give your best weight estimate for the animals.
- When you go back and edit the weight of an existing in cohort, Fusion now gives you a message reminding you that you might want to update the pen weights of the animals from the in cohort as well.
- When mixing a load, the old idea of manually entering ingredients and the new idea of adding precise ingredients have been merged together. As part of this change you can now add the "precise" ingredients in any order with the rest of the load.
- When you are delivering feed, Fusion will now lower the target delivery amount automatically if the amount left on the truck is less than the target amount. This should make it easier for accuracy percentages to more valid.
- In the Feeding area of the Preferences window you used to be able to set up the number of passes for feeding. This area looks the same but has changed to simply be the default setup for newly created rations.
- The Optimum Mix Count for ration versions has changed to be the Optimum Mixing in seconds. Although Fusion didn't do anything with this value before, you probably had something entered. If

so, you will need to convert this value from counts to an equivalent number of seconds if you plan to use this feature.

- Messages sent to administrators regarding a computer's time being off now use the server's date and time for the message sent time since this is more likely to be correct.

Bug Fixes

- Using pint preview on Windows had some drawing problems where part of the page was cut off. This should be fixed.
- The Animal Count stat for a job incorrectly included skipped animals when calculating New Animals Created and Previously Created Animals. This is fixed. (You will need to have Fusion recalculate the job stats for jobs where this was a problem.)
- If you reviewed animals during a chuteside job and made changes, these changes would not stick. This is fixed.
- When doing a virtual job with a list of animals, Fusion did not honor the order of the animals. This is fixed.
- When changing an animal's status to be the same as the lot's status using the Bulk Change window, the animal's out date was set to the current date rather than the lot's last date out. This is fixed.
- Non-current animals are checked to make sure the out date is correct.
- Setting a bunk call to zero part way through the day would cause unexpected results. This is fixed.
- The Lot Days column in the Lot Center window did not take into account the first in date in the Pre-Fusion area for pre-Fusion lots. This is fixed.
- The magnifying glass next to contact fields in the Out Cohort edit window was not working. This is fixed.
- If an out cohort was deleted on the same day that the lot it belonged to was created, it could take several minutes to make the deletion. This is fixed.
- Secondary backups would always keep the last 30 backup files regardless of the setting. This is fixed.