

#### Supported Personal Computers Running the Windows OS

Component	Minimum Requirements
Computer (laptop or tablet PC) and processor	2.0 Ghz dual core, 1.5Ghz quad core, or more capable processor
Memory	4 GB or more recommended
Hard disk	320MB available disk space
Display	800 x 600 or higher resolution display
Operating system	Windows 10 or higher, 32-bit or 64-bit OS
Video playback	Windows Media Player version 11 or higher

#### Installation Instructions

1. Prior to the installation of Mirus 4.2.3, it is recommended that the latest Windows updates be installed.
2. Close all other running applications before executing the Mirus installation.
3. Copy Mirus software version 4.2.3 to the tablet or laptop PC.
4. Execute and follow prompts for installation to the tablet or laptop PC.

#### Required GrainGage Firmware

- H2 version 7.38.0 (previously known as 7.37.14)
- HM800 version 3.65

#### Known Supported Plugins

- NonStop version 1.0.4
- GNSS version 2.0.0 (1.3.0-dev.171)
- Zebra version 1.0.14
- Polytech NIR version 2.0.1-release.3
- Straw Weight version 1.0.0 (1.0.0-dev.47)

#### Recommended Minimum Calibration Weights

- H2 Plot Bucket: 5.0 lb.
- H2 Test Weight: 2.0 lb.
- HCGG Plot Bucket: 5.0 lb.
- BDS Cup: 2.0 lb.
- Classic GG: 2.0 lb.

#### New Features

- No new features; maintenance release.

#### Resolved Issues

- Random script time out while running H2 Twin. [MIR-3476]
- Date trait doesn't default back to current date when navigating to the next plot. [MIR-2074]
- H2 Stationary doesn't show excessive vibration message when cycling. [MIR-2758]
- Halt on tare warning removed for H2 GrainGage devices to avoid interfering with plugins. [MIR-3441, MIR-2913]
- Actuator time out message when using the Non-stop plugin. [MIR-3648]
- No warning when H2 GrainGage loses power. [MIR-2974, MIR-3533]
- H2 calibration message showing wrong status. [MIR-3146]
- Single quote in custom trait name causes Mirus to crash. [MIR-3148]
- Trip weight now showing on Real Time Weight screen. [MIR-3164]
- Unable to correct conditional action when selecting wrong evaluation point. [MIR-3170]
- Mirus lock up after H2 GrainGage power loss. [MIR-3172]
- No notification of incompatible conditional action when entering harvest. [MIR-3174]

- Moisture edit graph is confusing and hard to read. [MIR-3179]
- H2 Tare warning is not working for moisture in some cases. [MIR-3196]
- Enter key stops advancing plots while in Note Taking in some cases. [MIR-3217]
- Updated Non-Stop plugin for compatibility. [MIR-3224, MIR-3225]
- Test Weight Calibration visible for W1 Weight system. [MIR-3233]
- Moisture Curve doesn't redraw after adding/deleting point. [MIR-3275]
- H2 GrainGage doesn't reconnect after USB cable is reconnected. [MIR-3390]
- H2 GrainGage level trip source is visible, causing confusion. [MIR-3395]
- H2 GrainGage moisture curve generation creates two 1% points. [MIR-3426]
- H2 GrainGage Test Weight re-calibration doesn't save settings in some cases. [MIR-3462]
- H2 Twin left side weight effected by right side weight when left side weight was zero. [MIR-3472]
- H2 GrainGage adding extra time on the end of a cycle, caused by failed tare check. [MIR-3475]
- H2 Classic- disabling Test Weight causes moisture in flush cycle to be added to the total. [MIR-3496]
- Mirus remaining open and consuming CPU. [MIR-3549]
- H2 moisture edit showing curve error after attempting to cycle. [MIR-3553]
- H2 Twin/Triple Level Detect reading invalid after performing tare. [MIR-3566]
- H2 GrainGage weight calibration doesn't error when using small weights. [MIR-3571]
- Online Activation is not working for plugins. [MIR-3618]
- H2 Triple cycle status is not updating. [MIR-3621]
- No date exported if not harvesting left to right. (Beta issue) [MIR-3628]
- Warning message displayed about halt on tare warning enabled on H2 GrainGage. (Beta issue) [MIR-3636]
- H2 GrainGage isolation gate fluttering during strip mode. (Beta issue) [MIR-3637]
- Unknown CAN error occurred after plot pick on H2 Triple. [MIR-3638]
- H2 GrainGage isolation gate stays closed after 1st or 2nd plot. (Beta issue) [MIR-3639]
- H2 GrainGage strip mode second cycle is empty. (Beta issue) [MIR-3640]
- H2 Stationary showing warning about uncalibrated test weight. [MIR-3641]
- H2 Triple lock up after right open. (Beta issue) [MIR-3643]
- H2 Triple missing insert count and maximum sub-cycle count in settings. (Beta issue) [MIR-3644]

## Known Issues

- Field Applicator Plugin fails to connect. [MIR-3516]
  - Workaround: Use previous supported version of Mirus.
- KP Planter Plugin has issues with this version of Mirus. [MIR-3487]
  - Workaround: Use previous supported version of Mirus.
- Generic with sub-sample device will not connect. [MIR-3249, MIR-3311]
  - Workaround: Use previous supported version of Mirus.
- H2 firmware update- All In setting doesn't update all modules. [MIR-3653]
  - Workaround: Use HM.Service utility to update module firmware.
- Warning failed to initialize after resetting chassis coefficients or changing GrainGage type with HM.Service utility version 1.2.0 [MIR-3649]
  - Workaround: Attempt connection again.
- Moisture calibration fails when entering multiple test weights. [MIR-3645]
  - Workaround: Only input one test weight for the 1st sample. Leave the Known Test Weight field empty for the remaining samples.
- Sub-map navigation doesn't always map correctly when using plugins, i.e. Field Applicator. [MIR-3642]
  - Workaround: Use multiple regular maps to define sub-map areas.
- No cycle data while harvesting left to right across a field. [MIR-3634]
  - Workaround: Unknown; unable to reproduce.

- Mirus gets stuck in cycle mode when using random navigation and harvesting a corner plot. [MIR-3632]
  - Workaround: Before harvesting the last corner plot, change the navigation direction to up or down- the opposite of what it is currently set at, to avoid getting the last plot in the navigation message.
- When the F5 key is used for causing a 'LOG FLAG' message in the error log file, it conflicts with the F5 key Enable/Disable option with the Zebra Plugin [MIR-3620]
- Mirus crashes when no date trait is selected when in Note Taking Mode while using Ten Key. [MIR-3609]
  - Workaround: Don't use the Date Selection tool without pairing it to a date trait.
- When disconnecting the USB-CAN cable on the CAN side, Mirus will not reconnect to the GrainGage. [MIR-3600]
  - Workaround: Unplug the USB side of cable, ensure Mirus is closed, reconnect the USB-CAN cable, then open Mirus.
- Long Running Conditional Actions (>5 seconds) on the H2 Twin cause data loss. [MIR-2928]
  - Workaround: Ensure Plot Complete actions can complete in under 5 seconds or use the LeftFlush.py and RightFlush.py scripts.
- Disabling Test Weight and having the maximum SubCycle count greater than 1 causes the cycle data view to display invalid moisture data. [MIR-3177]
  - Workaround: Leave Test Weight enabled and capture all the data. Discard the data after exporting from Mirus.
- Unable to connect to H2 GrainGage or W1 Device with error "Input string was not in a correct format." [MIR-3419]
  - Workaround: Close Mirus, delete the h2Settings.xml file, and attempt the connection again.
- Mirus crashes on H2 Twin when using multiple sub-cycles. [MIR-3535]
  - Workaround: Don't set the maximum sub-cycle count to greater than 1 on H2 Twin/Triple devices.
- H2 GrainGage shows error after moisture curve was created with more than 22 points. [MIR-3584]
  - Workaround: Use a maximum of 24 points including the zero point. Stay under that number of points.  
*Important Note:* Performing a recalibration automatically adds a point to the curve.



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