

# IC34 SPRAYER

## RELEASE NOTES

USB updating is not available. Contact TeeJet Customer Service/Repair or OEM to get instructions for updating.

### IC34 Sprayer v1.19

Includes changes for v1.17 and v1.18

January 2018

New Features:

- New logic and a new Pump State input to the TankMatic module to prevent high boom pressures when the Idle Pressure function is on and the operator restarts the pump after having previously turned it off.
- Added drawbar steering for non-PWM hydraulic valves for machines where the distance from tractor rear axle to the pivot point equals the distance from the pivot point to the sprayer axle.
- Added support for ISM 45-07612 v1.01a – 12 boom sections + Master + 18 hydraulic functions
- Hydraulic boom lock/unlock actuation times can now be adjusted from 1-50 seconds
- Added second decimal place to Flow Meter and Fill Flow Meter calibration numbers, thereby improving resolution of the volumes measured

Fixes:

- Improves boom section valve response times to Master Switch ON/OFF
- Improves response of the Boom Balance function
- Corrected problem where boom sections controlled by ISOBUS Task Control sometimes would not respond correctly to manual boom switch actions by the operator
- Corrected problem where the Fill Flow volume would accumulate volume when in the Work mode on machines where a single flowmeter is used for both regulation and Fill Flow.
- Corrected problem where a flow meter based Fill Flow operation could not be controlled from the TankMatic module
- Corrected problem where the Agitation soft key state may become out of sync with the Agitation output from the PLP module
- Corrected problem where sometimes a manual increase or decrease of rate would continue after the operator stopped pressing the '+' or '-' soft key
- Corrected problem where sprayed area, time, and distance were not accumulated when running on Simulated Speed
- Multiple changes to enhance ISOBUS compatibility

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### IC34 Sprayer Language Addition v1.16

August 2017

New Feature:

- The following languages were made available:
  - DE - German
  - EN - English
  - ES - Spanish
  - FR - French
  - IT - Italian
  - LT - Lithuanian
  - PL - Polish
  - RU - Russian

### IC34 Sprayer v1.16

August 2016

New Features:

- Official AEF certification as an ISOBUS ECU – Control Function
  - Conformance tested to:
    - UT generation 2.0
    - TC-BAS generation 1.0
    - TC-SC generation 1.0

Fixes:

- Corrects problem where soft keys were positioned incorrectly on Müller Comfort terminal
- Multiple changes to message structure and content to enhance ISO11783 compliance

## IC34 Sprayer v1.15

July 2016

### New Features:

- Unit now starts up in the Work screen rather than the Idle screen
- Target Rate can be entered directly in the Work screen if Use Nozzle Settings = No

### Fixes:

- Corrected problem where sometimes after power-up the Idle and Work screens did not display the same Target application rate
- Corrected problem where the Target rate displayed after power-up was the last rate from the VRA job in the previous session
- Corrected problem in v1.14 where the Target Rate originating from an external device (e.g. Yara-N sensor) would not be updated in the Work screen
- Corrected problem where the page to set the width of Booms 12-15 could not be accessed
- Corrected problem where buttons were not displayed properly on UT's with smaller data masks like the Fendt NT01-UT
- Corrected problem where some system configurations would load in the UT the first time, but in subsequent sessions the IC34 would stop responding during power-up
- Corrected problem where the data exchanged with Task Control was sometimes all zeros, and was never updated
- Multiple changes to message structure and content to enhance ISO11783 compliance
- Corrected problem where systems without a boom switchbox sometimes would not respond to Boom/Master soft-keys after the number and/or width of boom sections was changed
- Added warning so that customers updating from v1.14c or older to v1.14d or later will be warned that the flowmeter calibration number has been zeroed out and needs to be reentered.

*NOTE: IC34 Sprayer Release Notes before v1.15 release were not gathered in this format.*



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