



## Known Bugs and Issues: BehavePlus version 5.0.5 and 6.0.0 Beta

If you think you have found a bug within BehavePlus, we would appreciate hearing from you. Please check the **Known Bugs** below and the [FAQs](#) page to make sure that this problem has not already been resolved. Then, send a copy of any screenshots and a detailed error message describing the problem and what you were doing when the problem arose to one of the following.

Version 5.0.5 is the current official release of BehavePlus. Version 6.0.0 Beta is available for testing and use. We anticipate releasing a final version 6.0 during Fall 2018.

### ***If you have bugs or issues related to Version 6.0.0 Beta 3, contact***

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- E-mail: [faheinsch@fs.fed.us](mailto:faheinsch@fs.fed.us) (best contact method)
- Phone: (406) 829-7342

### ***If you have bugs or issues related to Version 5.0.5, contact***

**Fire Applications Help Desk** via:

- Phone: (866) 224-7677 or (616) 323-1667
- Fax: (616) 323-1665
- E-mail: [IIA-Helpdesk@fs.fed.us](mailto:IIA-Helpdesk@fs.fed.us)
- Website: <https://iia-hd.peckham-enclave.us/>



### ***Known Bugs, BehavePlus Version 6.0.0 Beta 3, Build 626***

All known bugs from previous versions have been fixed. Please ensure you have the latest version of the program.



### ***Known Bugs, BehavePlus Version 5.0.5, Build 307***

All known bugs from previous versions have been fixed. Please ensure you have the latest version of the program.



## **Squashed Bugs, Version 5**

### ***Special case palmetto-gallberry fuel model problem***

**Description:** Incorrect results are generated for palmetto-gallberry special case fuel model for live fuel moisture less than 120%. (This is not one of the 53 standard fuel models.)

**Reported:** Version 5.0.4 Build 305 on June 24, 2011

**Status:** Fixed in Version 5.0.5 Build 307 on August 12, 2011

### ***Two-fuel results incorrect if surface ROS not selected***

**Description:** Incorrect results are generated when surface rate of spread is not selected as an output variable for the two-fuel model option in SURFACE.

**Reported:** Version 5.0.4 Build 305 on May 27, 2011

**Status:** Fixed in Version 5.0.5 Build 307 on August 12, 2011

### ***CONTAIN results are incorrect***

**Description:** CONTAIN uses forward rate of spread of 1.0 ch/h, ignoring ROS values that are either entered or calculated in SURFACE.

**Reported:** Version 5.0.3 Build 301 on February 11, 2011

**Status:** Fixed in Version 5.0.4 Build 305 on March 6, 2011

### ***Incorrect effective wind speed reported for two-fuel model options and specified direction of spread***

**Description:** The wrong effective wind speed is reported when the two-fuel model options are used. The correct wind speed is used to calculate rate of spread and length-to-width ratio. This problem only occurs when Surface fire spread direction is in directions specified on the worksheet is selected.

**Reported:** Version 5.0.2 Build 299 on August 27, 2010

**Status:** Fixed in Version 5.0.3 Build 301 on November 22, 2010

### ***Two-fuel dynamic model bug***

**Description:** Erroneous answers were generated for the first calculation using dynamic fuel models if the previous run used static fuel models. A second calculation gave the right answer.

**Reported:** Version 5.0.1 Build 297 on July 29, 2010

**Status:** Fixed in Version 5.0.2 Build 299 on August 3, 2010

### ***Custom fuel models don't work***

**Description:** You get an error when you try to save a custom fuel model or attach a custom fuel model folder.

**Reported:** Version 5.0.0 Build 295 on April 9, 2010

**Status:** Fixed in Version 5.0.1 Build 297 on April 15, 2010

### ***Table of References file doesn't open***

**Description:** A file associated with a new item on the **Help > Master Index** doesn't open.

**Reported:** Version 5.0.0 Build 295 on April 5, 2010

**Status:** Fixed in Version 5.0.1 Build 297 on April 15, 2010

### ***Two-fuel spread direction bug***

**Description:** Version 5.0 Beta1 (Build 289) produces wrong flame lengths for SURFACE with two-fuel model and input spread direction options. Beta2 (Build 290) is a partial fix. Correct flame length values are calculated for the two-fuel model option when a single value of spread direction is input. Multiple spread direction values are still a problem for the two-fuel model option. The bug does not occur when using a single fuel model.

**Reported:** Version 5.0 Beta1 Build 289 and Beta2 Build 290, December 2009

**Status:** Fixed in Version 5.0.0 Build 295 on April 9, 2010