

Command Reference: SetBlaneyCriddle()

Set Blaney-Criddle crop coefficients data

StateCU Command

Version 3.08.02, 2010-01-07

The `SetBlaneyCriddle()` command sets data in existing Blaney-Criddle crop coefficients or adds a new crop type with crop coefficients. The following dialog is used to edit the command and illustrates the syntax of the command.

Edit SetBlaneyCriddle() Command

This command edits Blaney-Criddle crop coefficient data for a specified crop type (name).
If the crop coefficients are based on the day of year, specify 25 values, for the month boundaries and midpoints.
If the crop coefficients are based on the percent of growing season, specify 21 values, for 0, 5, ..., 100%.
If the crop type does not contain a * wildcard pattern and does not match existing data,
a new curve will be added if the "If not found" option is set to Add.
Single values in a curve cannot be set - the entire curve must be set.

Crop Type:	<input type="text" value="ALFALFA"/>	Required - crop type (use * for wildcard).
Curve Type:	<input type="text" value="Day - Perennial Crop"/>	Required - see comments above.
Blaney-Criddle Method:	<input type="text" value="0 - SCS Modified Blaney-Criddle"/>	Required - Blaney-Criddle method to use.
Coefficients:	<input type="text" value=".11, .12, .13, .14, .15, .16, .17, .18, .19, .20, .21, .22, .23, .22, .21, .20, .19, .18, .17, .16, .15, .14, .13, .12, .11"/>	Required - separate by commas.
If not found:	<input type="text" value="Add"/>	Optional - action if no match is found (default=Warn).
Command:	<pre>SetBlaneyCriddle(CropType="ALFALFA", CurveType=Day, BlaneyCriddleMethod=0, Coefficients=".11, .12, .13, .14, .15, .16, .17, .18, .19, .20, .21, .22, .23, .22, .21, .20, .19, .18, .17, .16, .15, .14, .13, .12, .11", IfNotFound=Add)</pre>	

SetBlaneyCriddle

SetBlaneyCriddle() Command Editor

The command syntax is as follows:

```
SetBlaneyCriddle(Parameter=Value,...)
```

Command Parameters

Parameter	Description	Default
CropType	A crop type to match or a pattern using wildcards (e.g., ALFALFA*).	None – must be specified.
CurveType	Specify Percent for an annual crop or Day for a perennial crop.	If not specified, the original value will remain.
Coefficients	A list of coefficients, surrounded by double quotes.	If not specified, the original value will remain.
IfNotFound	Used for error handling, one of the following: <ul style="list-style-type: none">• Add – add the crop if not found using the provided information• Fail – generate a failure message if the crop is not found• Ignore – ignore (don't add and don't generate a message) if the crop is not found• Warn – generate a warning message if the crop is not found	Warn