
Command Reference: CheckCropCharacteristics()

Check crop characteristics data for problems

StateCU Command
Version 3.08.02, 2010-01-05

The `CheckCropCharacteristics()` command checks the crop characteristics data for problems. The command should usually be used with a `WriteCheckFile()` command at the end of a command file.

The following dialog is used to edit the command and illustrates the syntax of the command.

Edit CheckCropCharacteristics() Command

This command checks StateCU crop characteristics.
Currently no cross-checks are done with other StateCU components.
Warnings are generated for the follow conditions:

- 1) Missing (undefined) required values.
- 2) Invalid numerical values (e.g., month > 12).

Crop type (name): Required - specify the crops to check (use * for wildcard).

If not found: Optional - indicate action if no match is found (default=Warn).

Command:

CheckCropCharacteristics() Command Editor

CheckCropCharacteristics

The command syntax is as follows:

CheckCropCharacteristics (Parameter=Value,...)

Command Parameters

Parameter	Description	Default
ID	The name of the crop(s) to check. Use * to match a pattern.	None – must be specified.
IfNotFound	One of the following: <ul style="list-style-type: none"> Fail – generate a failure message if the identifier is not matched Ignore – ignore (don't generate a message) if the identifier is not matched Warn – generate a warning message if the identifier is not matched 	Warn

The following example command file illustrates how crop characteristics can be defined, checked, and written to a StateCU file:

```

StartLog(LogFile="Crops_CCH.StateDMI.log")
#
# StateDMI commands to create the Rio Grande Crop Characteristics File
#
# History:
#
# 2004-03-16 Steven A. Malers, RTi   Initial version using StateDMI.
# 2007-04-22 SAM, RTi               Use new directory structure, current
#                                   software and HydroBase.
#
# Step 1 - read data from HydroBase
#
# Read the general TR-21 characteristics first and then override with Rio Grande
# data.
ReadCropCharacteristicsFromHydroBase(CUMethod="BLANEY-CRIDDLE_TR-21")
ReadCropCharacteristicsFromHydroBase(CUMethod="BLANEY-CRIDDLE_RIO_GRANDE")
#
# Step 2 - adjust crop characteristics if needed
#   No resets are needed.
#
# Step 3 - write the file
#
WriteCropCharacteristicsToStateCU(OutputFile="rg2007.cch")
#
# Check the results
#
CheckCropCharacteristics(ID="*")
WriteCheckFile(OutputFile="rg2007.cch.check.html")

```