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# Command Reference: TranslatePenmanMonteith()

**Translate Penman-Monteith crop types from one value to another**

**StateCU Command**  
Version 3.10.00, 2010-04-02

The `TranslatePenmanMonteith()` command translates Penman-Monteith data. In particular, it converts one crop type to another. Primary uses of the command are:

1. A data source may use one variant of the crop type (e.g., `ORCHARD W/O COVER`) but the rest of a StateCU data set uses another type (e.g., `ORCHARD_WO_COVER`). In this case the command is used simply to change the spelling of a crop type.
2. The raw crop data may need to be adjusted to reflect differences in crops, for modeling purposes. For example, the original data may identify pasture (e.g., `GRASS_PASTURE`) but for modeling the crop type is set to a different value (e.g., `GRASS_PASTURE.ASCE`) for ASCE standardized coefficients. The following example illustrates a command of this type.

The following dialog is used to edit the command and illustrates the syntax of the command (for the second case listed above):

**Edit TranslatePenmanMonteith() Command**

This command changes the crop type (name) in Penman-Monteith coefficients to a new value. This is sometimes necessary because the crop types read from input may not agree with standard types. Crop types in raw data may also need to be changed to values appropriate for model files (e.g., for regional coefficients).

Old crop type:  Required - for example: "MEADOW"

New crop type:  Required - for example: "GRASS\_PASTURE"

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

Command: 

```
TranslatePenmanMonteith(OldCropType="ALFALFA",NewCropType="ALFALFA.ASCE")
```

TranslatePenmanMonteith

**TranslatePenmanMonteith() Command Editor**

The command syntax is as follows:

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

#### Command Parameters

Parameter	Description	Default
OldCropType	A single crop type identifier to match. This crop type will be replaced with the value for NewCropType.	None – must be specified.
NewCropType	The new crop type to use.	None – must be specified.

The following simple example illustrates how to translate a crop type:

```
ReadPenmanMonteithFromHydroBase(PenmanMonteithMethod="PENMAN-MONTEITH_ALFALFA")  
TranslatePenmanMonteith(OldCropType="ALFALFA",NewCropType="ALFALFA.ASCE")
```