

Command Reference: SetCropCharacteristics()

Set crop characteristics data

StateCU Command

Version 3.08.02, 2010-01-07

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

Edit SetCropCharacteristics() Command

This command sets (edits) crop characteristics data, using the crop type (name) to look up the crop. The crop name can contain a * wildcard pattern to match one or more crops. If the crop name does not contain a * wildcard pattern and does not match a crop name, the crop will be added if the "If not found" option is set to Add.

Crop type:	ALFALFA	Required - crop type to set (use * for wildcard)	
Planting month:	3	Day: 1	Month: 1-12, Day: 1-31.
Harvest month:	6	Day: 1	Month: 1-12, Day: 1-31.
Days to full cover:	60	Days to full cover	
Length of season:	120	Days from planting.	
Earliest moisture use temperature:	41	Degrees F	
Latest moisture use temperature:	42	Degrees F	
Maximum root zone depth:	2.5	Feet.	
Maximum application depth:	6	Inches.	
Spring frost flag:	0 - Mean Temperature	Indicate how frost is handled.	
Fall frost flag:	0 - Mean Temperature	Indicate how frost is handled.	
Days to 2nd Cut:	32	Alfalfa only - days between 1st and 2nd cuts.	
Days to 3rd Cut:	33	Alfalfa only - days between 2nd and 3rd cuts.	
If not found:	Add	Optional - action if no match is found (default=Warn).	

Command:

```
SetCropCharacteristics (CropType="ALFALFA", PlantingMonth=3, PlantingDay=1, HarvestMonth=6, HarvestDay=1, DaysToFullCover=60, LengthOfSeason=120, LatestMoistureUseTemp=42, EarliestMoistureUseTemp=41, MaxRootZoneDepth=2.5, MaxAppDepth=6, SpringFrostFlag=0, FallFrostFlag=0, DaysTo2ndCut=32, DaysTo3rdCut=33, IfNotFound=Add)
```

OK

Cancel

SetCropCharacteristics

SetCropCharacteristics() Command Editor

The command syntax is as follows:

```
SetCropCharacteristics (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.
PlantingMonth	The planting month for the crop, as an integer (1=January).	If not specified, the original value will remain.
PlantingDay	The planting day of month for the crop, for the planning month.	If not specified, the original value will remain.
HarvestMonth	The harvest month for the crop, as an integer (1=January).	If not specified, the original value will remain.
HarvestDay	The harvest day of month for the crop, for the planning month.	If not specified, the original value will remain.
DaysToFullCover	Days to full cover.	If not specified, the original value will remain.
LengthOfSeason	Length of growing season, days.	If not specified, the original value will remain.
EarliestMoistureUseTemp	Earliest moisture use temperature, F.	If not specified, the original value will remain.
LatestMoistureUseTemp	Latest moisture use temperature, F.	If not specified, the original value will remain.
MaxRootZoneDepth	Maximum root zone depth.	If not specified, the original value will remain.
MaxAppDepth	Maximum application depth.	If not specified, the original value will remain.
SpringFrostFlag	Spring frost flag.	0 (mean)
FallFrostFlag	Fall frost flag.	0 (mean)
DaysTo2ndCut	Days between first and second cuts (alfalfa).	If not specified, the original value will remain.
DaysTo3rdCut	Days between second and third cuts (alfalfa).	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 climate station if not found using the provided information • Fail – generate a failure message if the climate station is not found • Ignore – ignore (don't add and don't generate a message) if the climate station is not found • Warn – generate a warning message if the climate station is not found 	Warn