Command Reference: FillCropPatternTSConstant()

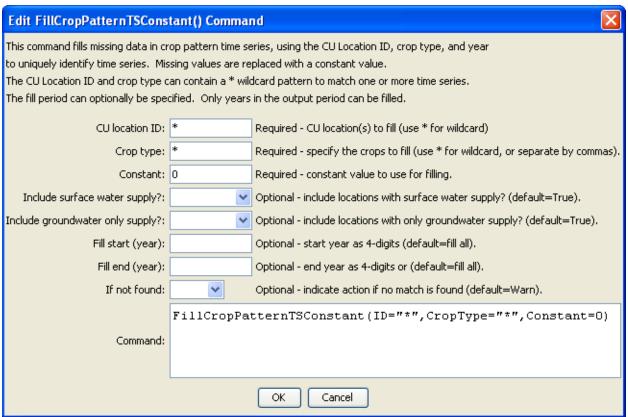
Fill crop pattern time series values using a constant value

StateCU Command

Version 3.09.01, 2010-02-01

The FillCropPatternTSConstant () command fills crop pattern time series data for a CU Location, using a constant value. Only data for matching locations, years, and crop type are filled. A common use of this command is to ensure that there are no missing data values for years when an irrigated lands assessment has occurred. In this case it is assumed that if other data sources for the year of study have not identified crops (e.g., GIS and user-supplied values), then remaining missing values should be set to zero, indicating that no irrigation occurred. For example: if in one year a structure has irrigated acreage but in another year is has no acreage, the time series for the crop acreage will have a missing value in the second case. Using this command with a zero constant value will ensure that zero is used for the second year. Subsequent data filling by repeating values or interpolation will be impacted by the constant values.

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



FillCropPatternTSConstant() Command Editor

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The command syntax is as follows:

FillCropPatternTSConstant(Parameter=Value,...)

Command Parameters

Parameter	Description	Default
ID	A single CU Location identifier to match or a	None – must be specified.
	pattern using wildcards (e.g., 20*).	
CropType	A single crop type to match or a pattern using	None – must be specified.
	wildcards (e.g., *).	
Constant	The constant value to be used to fill missing	None – must be specified.
	data.	
IncludeSurface	Indicate whether locations with surface water	True
WaterSupply	supply should be processed (those other than	
	groundwater-only locations).	
IncludeGroundwater	Indicate whether locations with only	True
OnlySupply	groundwater supply (collections where	
	PartType=Parcel) should be processed.	
	Typically this is specified as True.	
FillStart	The first year to fill.	If not specified, fill the
		full period.
FillEnd	The last year to fill.	If not specified, fill the
		full period.
IfNotFound	Used for error handling, one of the following:	Warn
	• Fail – generate a failure message if the	
	ID is not matched	
	• Ignore – ignore (don't add and don't	
	generate a message) if the ID is not	
	matched	
	Warn – generate a warning message if	
	the ID is not matched	