

# Command Reference: FillCropPatternTSRepeat()

Fill crop pattern time series values by repeating values

## StateCU Command

Version 3.12.00, 2010-12-09

The `FillCropPatternTSRepeat()` command fills crop pattern time series data for a CU Location by repeating known values. Filling can occur forward or backward in time, but not both. Therefore, it may be necessary to use two similar commands, one filling forward, and one filling backward, in order to completely fill the ends of time series.

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

Edit FillCropPatternTSRepeat() Command

This command fills missing data in crop pattern time series, using the CU Location ID, crop type, and year to uniquely identify time series. Missing values are replaced by repeating known values.

The CU Location ID and crop type can contain a \* wildcard pattern to match one or more time series.

The fill period can optionally be specified. Only years in the output period can be filled.

CU location ID:	*	Required - CU location(s) to fill (use * for wildcard)
Crop type:	*	Required - specify the crops to fill (use * for wildcard, or separate by commas).
Include surface water supply?:	<input type="checkbox"/>	Optional - include locations with surface water supply? (default=True).
Include groundwater only supply?:	<input type="checkbox"/>	Optional - include locations with only groundwater supply? (default=True).
Fill start (year):	1950	Optional - start year as 4-digits (default=fill all).
Fill end (year):	1993	Optional - end year as 4-digits or (default=fill all).
Fill direction:	Backward	Optional - direction to process data (default=Forward).
Fill flag:		Optional - string to flag filled values (default=no flag).
Maximum intervals:		Optional - specify limit on intervals to fill (default=no limit).
If not found:	<input type="checkbox"/>	Optional - indicate action if no match is found (default=Warn).
Command:	<pre>FillCropPatternTSRepeat (ID="*",CropType="*",FillStart=1950,FillEnd=1993,FillDirection=Backward)</pre>	

OK

Cancel

FillCropPatternTSRepeat

FillCropPatternTSRepeat() Command Editor

The command syntax is as follows:

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

#### Command Parameters

Parameter	Description	Default
ID	A single CU Location identifier to match or a pattern using wildcards (e.g., 20*).	None – must be specified.
CropType	A single crop type to match or a pattern using wildcards (e.g., *).	None – must be specified.
IncludeSurfaceWaterSupply	Indicate whether locations with surface water supply should be processed (those other than groundwater-only locations).	True
IncludeGroundwaterOnlySupply	Indicate whether locations with only groundwater supply (collections where PartType=Parcel) should be processed. Typically this is specified as true.	True
FillStart	The first year to fill, typically a year with observations if filling forward.	If not specified, fill the full period.
FillEnd	The last year to fill, typically a year with observations if filling backward.	If not specified, fill the full period.
FillDirection	The direction to fill, either Forward or Backward.	Forward
FillFlag	A string to flag values that are filled, supported by some output formats.	No flag is used
MaxIntervals	The maximum number of intervals to fill in any gap.	If not specified, fill the entire gap.
IfNotFound	Used for error handling, one of the following: <ul style="list-style-type: none"> <li>Fail – generate a failure message if the ID is not matched</li> <li>Ignore – ignore (don't add and don't generate a message) if the ID is not matched</li> <li>Warn – generate a warning message if the ID is not matched</li> </ul>	Warn