# Soybean EU - Output explained

## Headers:

Model,

soil\_ref,

first\_crop,

Crop,

period,

sce,

TrtNo,

ProductionCase,

Year,

Yield,

MaxLAI,

SowDOY,

EmergDOY,

AntDOY,

MatDOY,

HarvDOY,

sum\_ET,

AWC\_30\_sow,

AWC\_60\_sow,

AWC\_90\_sow,

AWC\_30\_harv,

AWC\_60\_harv,

AWC\_90\_harv,

tradef,

sum\_irri,

sum\_Nmin

The marked column names are necessary to generate maps out of the data.

If data is not available please set the value to 'na'.

Sum values start with sowing and end with harvest.

soil\_ref = is a reference for soil-climate file mapping, you find in stu\_eu\_layer\_grid\_to\_reference\_v3.zip @  <https://zcloud2.zalf.de/s/2Qj3tyKcrBiWG6o>

tradef = Transpiration Deficit average from sowing to harvest.

sum\_Nmin = N Mineralization over all soil layer per day, summed up from sowing to harvest.

You will find a list of fixed names for certain values. Please use these so that we get processable and comparable results.

Please  follow the upper and lower case writings.

**TrtNo :**

T1

T2

**ProductionCase:**

Actual

Unlimited water

**Crop:**

soybean/0000

soybean/000

soybean/00

soybean/0

soybean/I

soybean/II

maize/silage maize

**period:**

0

2

**sce:**

0\_0

GFDL-CM3\_45

GISS-E2-R\_45

HadGEM2-ES\_45

MIROC5\_45

MPI-ESM-MR\_45