

Interactive comment on "Long-term monitoring of nitrate-N transport to drainage from three agricultural clayey till fields" by V. Ernstsen et al.

V. Ernstsen et al.

ve@geus.dk

Received and published: 15 April 2015

Comments to referee 2 attached as a pdf file.

Please also note the supplement to this comment: http://www.hydrol-earth-syst-sci-discuss.net/12/C1032/2015/hessd-12-C1032-2015-supplement.pdf

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 12, 639, 2015.

C1032

Table X1. Days with drainage per year and in percentage of the year for 2001-2011 at Faardrup, Silstrup and Estrup.

 Field
 Daily drainage > 0 mm (Number of days year")
 Daily drainage > 0 mm (% of the year)

 Faardrup
 88
 34

 Slistrup
 86
 33

 Extrup
 243
 67
 Table X2. Drainage (% of cumulated drainage 2001-2011) on days with an average daily temperature above 5°C, 10°C, and 15°C, respectively, at Faardrup, Silstrup and Estrup.

Field	Drainage at >5°C	Drainage at >10°C	Drainage at >15°C	Cumulated drainage 2001-2011
	% of cumulated drainage			mm
Faardrup	49	16	3.3	961
Silstrup	56	12	0.3	2304
Estrup	58	22	5.4	4921

Fig. 2. Table X2

C1034

Supplement

Long-term monitoring of nitrate-N transport to drainage from three agricultural clayey till fields

V. Ernstsen¹, P. Ohen², and A. E. Rosenbom³

'Geological Survey of Denmark and Greenland, Øster Voldgade 10, DK-1550 Copenhagen K. Denmark

²Aarhus University, Department of Agroecology, Blichers Allé 20, DK- 8830 Tjele, Denmark Correspondence to: V. Ernstsen (ve@geus.dk)