

Tab. 2.11: Humus body of an Eutri-cambic Arenosol under tillage (Ro rye, St Stubble, Gr Grass) (Wachendorf 1996)

Horizon symbol ^{a)}	Depth cm	C _{org} %	C/N	pH	Lipids % of C _{org}	Sugar/ Starch	Hem.- cellul.	Cellul	Protein	Lign.	Ful.,- acid	Hu.- acid	Humins
Ro St		451	137		3.2	0.7	23.0	35.0	1.8	28.0	2.9	3.9	1.2
Gr St		452	41		14.0	1.1	21.0	17.0	11.0	9.7	0.4	0.4	5.5
Ap	0-30	17	15	5.1	2.6	1.1	11.0	1.7	15.0	8.2	24.0	20.0	17.0
Ap ^{b)}	0-30	17	15	5.1	5.8	4.0	12.0	5.8	8.8	18.0	6.7	18.0	21.0

^{a)} Horizon symbols (WRB 1998 with subsequent amendments: A upper mineral horizon, p plough layer, soil description after FAO (2006).

^{b)} Average of 72 arable soils of Schleswig- Holstein