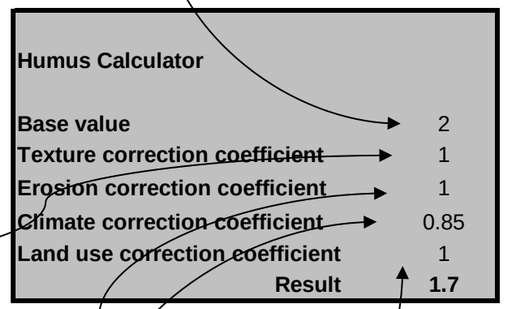
Pdotransfer rule for estimating humus content and stock

Criteria	Depth (cm)		
	0 - 20	0 - 50	50 - 100
	(%)	(t/ha)	(%)
Basic data (for non eroded loamy soils, for Moderately warm, semi-humid climatesand for agricultural lands) - Romanian National classification SRTS 2012			
• Kastanoziomuri, Cernoziomuri argice, Faeoziomuri argice, Faeoziomuri greice, Preluvosoluri roscate, Luvosoluri roscate	3	150	0.8
• Cernoziomuri tipice, Cernoziomuri cambice, Faeoziomuri tipice, Rendzine, Faeoziomuri pararendzinice, Aluviosoluri tipice, Aluviosoluri coluvice	3.5	200	1.2
• Preluvosoluri tipice, Luvosoluri tipice, Luvosoluri albice, Planosoluri, Stagnosoluri, Vertisoluri, Solonceacuri, Soloneturi	2	100	0.6
• Eutricambosoluri tipice, Eutricambosoluri rodice, Gleiosoluri	2.5	100	0.8
• Districambosoluri, Nigrosoluri cambice	6	120	0.8
• Prepodzoluri, Podzoluri, Andosoluri, Humosiosoluri	8	340	5
• Faeoziomuri clinogleice, Cernoziomuri gleice, Faeoziomuri gleice cernice, Gleiosoluri molice cernice	5	260	1.2
• Litosoluri, Antrosoluri erodice, Regosoluri geoerodice	0.5	20	0.2
• Regosoluri tipice, Psamosoluri, Aluviosoluri entice	1.5	60	0.6
• Histosoluri	50	1500	40
• (subtipuri turboase)	30	1200	20
Corections:			
Texture			
sandy and loamy sandy		× 0.65	
sandy loam		× 0.80	
loam		× 1.00	
clayley loam		× 1.25	
clay		× 1.35	
Erosion by water :			
• not eroded	× 1.00		-
• poor eroded	× 0.95		-
• moderat eroded	× 0.90		-
• strong eroded	× 0.80		-
• very strong eroded	× 0.50		-
Climate :			
Hot, dry climates		× 0.85	
Moderately warm, semi-humid climates		× 1.00	
Cool, humid climates		× 1.15	
Cold, very humid climates		× 1.30	
Very cold, very humid climates		× 1.50	
Land use:			
• arable, vineyards, orchards	× 1.00	× 1.00	-
• pastures	× 1.10	× 1.05	-
• hayfields	× 1.20	× 1.10	-
• forest	× 1.50	× 1.20	-