SOIL MAP OF THE EUROPEAN COMMUNITIES

ISRIC - WAGENINGEN
country : EUROPE
subject : SOILS
scale :
map ref. : EUR 11.0
libr. ref. :

LEGEND*

20 10 0 50 100 150 200 250 km

1:1 000 000

SOIL UNITS	MAP UNITS Map N°	Symbol	Associated soils	Inclusions
J FLUVISOLS				
Je EUTRIC FLUVISOLS	1	Je-2a	G	
Jeg: Gleyo-Eutric Fluvisols	2	Jeg-¼a	Je, Ge or Gm	O, Be
	3	Jeg-4a	(Jdg)	(O)
	4	Jeg-½a	Ge, Re	Rd
	5	Jeg-3a	Zg, Ge	
Jc CALCARIC FLUVISOLS				
Jcf: Fluvi-Calcaric Fluvisols	6	Jcf-¼a	Jcg	Be or Ge
	7	Jcf-¾a		Bk, Gc, Oe
	8	Jcf-4a	L	Vcc, Kkv, We, Zo
	9	Jcf-¾a	Zo	Gc
Jcg: Gleyo-Calcaric Fluvisols	10	Jcg-¾a	Jeg	O
	11	Jcg-1a	Jeg, G	
Jd DYSTRIC FLUVISOLS	12	Jd-⅔a	Jdg	Gd, Od
	13	Jd-1a	G, Je	
G GLEYSOLS				
Ge EUTRIC GLEYSOLS	14	Ge-4a	Lgs	
	15	Ge-¾ab	Gd, Bd	
Ges: Stagno-Eutric Gleysols	16	Ges-4b		Gh
	17	Ges-3a	Lg	
	18	Ges-4a	G, J	Bg, Q
	19	Ges-4a	Gc, Lgs, We, Lo, (Be)	Bg
Gef: Fluvi-Eutric Gleysols	20	Gef-⅔a	Lo, Jeg, Be	
Gc CALCARIC GLEYSOLS	21	Gc-4a		Lg
Gd DYSTRIC GLEYSOLS	22	Gd-2a	Ge, Bd	
	23	Gd-3a	Dgs	Fo
	24	Gd-2b	Gh	Bg
Gds: Stagno-Dystric Gleysols	25	Gds-4b	Gh	Bg, Od
	26	Gds-4b	Bd	
	27	Gds-4b	Gh, Od	
	28	Gds-2b	Lgs	Lo
	29	Gds-¾ab	Ges, Bg(Lg), Bd (Be)	Gh
Gm MOLLIC GLEYSOLS	30	Gm-1a	Gh, Ge or Gd,Lg(s), Q	Dg, Pg
Gmf: Fluvi-Mollic Gleysols	31	Gmf-¾a	Ghf, O, J	Ght
Gh HUMIC GLEYSOLS	32	Gh-1a	Je	Ge, Od, Ph
	33	Gh-¾bc	Od, Pp	I
R REGOSOLS				
Re EUTRIC REGOSOLS	34	Re-1b		
	35	Re-4c	Ie	
	36	Re-¼cd	I, Tv	
	37	Re-1ab	Po	Be, Lg, Pg, Gef
Rc CALCARIC REGOSOLS	38	Rc-1b		Re, G
	39	Rc-⅔ab		
	40	Rc-¾bc	Bk, Lv, Lcr	Vc, Jc, E
	41	Rc-4d	Bcc, Lcr	Lc, E, I + RO
	42	Rc-¾cd	Re, Be, I	Lg, Lo
	43	Rc-¾bc	Bec, Bv, V	L
Rd DYSTRIC REGOSOLS	44	Rd-1b	Re	P
	45	Rd-1b	Po or Pg	
I LITHOSOLS				
Ie EUTRIC LITHOSOLS	46	Ie-½bc	Be, Bc	E, Bk
	47	Ie-2d	Be, Lc, RO	I, Bc, Lo, Lc
	48	Ie-2d		RO, L
	49	Ie-2cd	Lo, Lf	Lcr, RO, Kh
Ic CALCARIC LITHOSOLS	50	Ic-3c	Bk, Bc	Be, Bd
	51	Ic-¾bd	RO	
	52	Ic-4d	Lc(r), RO	Rc, Bcc
Id DYSTRIC LITHOSOLS	53	Id-½cd	Bd, U	Bh
	54	Id-½cd	RO or/and Ie, Ic	U
	55	Id-1bc	Od	Pp
Q ARENOSOLS				

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B CAMBISOLS				
Be EUTRIC CAMBISOLS	1	Be-2b	Lo	Po
	2	Be-1b	Po	Oe
	3	Be-2a	Bk, Gc	Rd, Re
	4	Be-4b		
	5	Be-4b	Lo, Lg	
	6	Be-3a	Bg, Bk	
	7	Be-4ab	Qc, Eo	
	8	Be-2b	Bd	
	9	Be-3bc	I	
	10	Be-3bc	To, Ie	
	11	Be-2c	U	
	12	Be-2bc	Bg, Ge	
	13	Be-2b	Ge, E	
	14	Be-⅔ad	Lo, E	
	15	Be-2d	E	Po
	16	Be-4c	Bgg, Ge	Po, E
	17	Be-2cd	Ie, Re	Lo, Bh, Bd, Lc
	18	Be-¾bc	Re, Jc	Lc, Rc
	19	Be-⅔cd	Lo, Ie	
	20	Be-¾cd	Lo	Ie, Re
	21	Be-¾ad	Lc, Ic	E
	22	Be-½ac	Lo, Bd	Ge or E
	23	Be-1bc		Lg, Re, Po, Bc, Lcr
	24	Be-⅓bd	U, I, RO	
	25	Be-½bc	Bd, Lg, Lo	Ge
	26	Be-⅔ac	Lo or Lc, Bd	E, Rc or Ic
	27	Be-½a	Bd, Q, J, L	(Lgs)
Bec: Calcaro – Eutric Cambisols	28	Bec-⅔ac	Bk, Lo	
	29	Bec-4b	Bg, Lo	
	30	Bec-4b	Bk, E	
	31	Bec-½bc	Bk, Rc	Be, Lo
	32	Bec-¾bc	Bk	Vp, Rc
	33	Bec-2ab	E, L	Gc or Rc
	34	Bec-¾ab	Bg, G, L, E	Rc
	35	Bec-2ab	Lo, E	J, G
	36	Bec-2a	Lo, Je/cg	Be, Bg
Bea: Ando – Eutric Cambisols	37	Bea-2b		
	38	Bea-½ad	Bda, Lo, Tv	Be, RO
Bef: Fluvi – Eutric Cambisols	39	Bef-¼a	Je, Bgc or Bv	V
	40	Bef-2a	Jeg or Jcg	
Bd DYSTRIC CAMBISOLS	41	Bd-2b	Be, Lo	Bgg, I
	42	Bd-2bc		U, I, Pl
	43	Bd-2c	Bgg	Od
	44	Bd-3ab	Lg	
	45	Bd-3b	Lo, Lg	
	46	Bd-½cd	Pl	U, I, (T)
	47	Bd-½bd	Id, (U, RO)	
	48	Bd-2cd	Bh, Pl	
	49	Bd-2b	Be, We	
	50	Bd-2c	Bg	I
	51	Bd-4b	U	Bgg, Bds
	52	Bd-2c	U	
	53	Bd-2b	Bgg	
	54	Bd-2a	Qc	
	55	Bd-2cd	Be	Ie, Lo
	56	Bd-1cd	Be, Bds	Lo, T
	57	Bd-2b	Bds, Gd	Po
	58	Bd-½bc	Gd, Gh or Ge, Bg	
	59	Bd-3b	Gd	Gh
	60	Bd-1bd	Lo, Bh, Lcr	RO, Ie
	61	Bd-½bc	Be, Bds, Bg, G or Lg	Qc, P
	62	Bd-½bc	Lo, G or Lg	
	63	Bd-⅔ac	Be, I or E, RO	Pp, Gh
	64	Bd-½b	Gh, U	Re

SOIL UNITS	MAP UNITS Map N°	Symbol	Associated soils	Inclusions
L LUVISOLS				
Lo ORTHIC LUVISOLS	1	Lo-3ab		Je
	2	Lo-3b	Je, Ph	Lgs
	3	Lo-⅔ab	Be or Bec	Lg, E or Re
	4	Lo-3ab	Lg (s)	J
	5	Lo-3c	Lgs, Bd, Be	I, Je
	6	Lo-3b	Lgs, Bd	I, Be
	7	Lo-⅔ac	Bd, Be	I
	8	Lo-2c	Be	Je, I
	9	Lo-⅔a	Lg(s), G	J
	10	Lo-2a	Bc	
	11	Lo-2ab	Re	
	12	Lo-3a	Hl	Re
	13	Lo-2a	Be	
	14	Lo-2cd	Be, Ie	Lc
	15	Lo-2ab	Ge	Be, Oe, Lg
	16	Lo-1ab	Oe, Be	
	17	Lo-2b	Gd	Be
	18	Lo-2a	Ge	
	19	Lo-¾ab	Be, Bd	Je
	20	Lo-¾b	Lg	Lcr, Lf, Lv, Ie
	21	Lo-¾b	Be, Lv, Lcr	Lg, Ge, B
	22	Lo-¾cd	Ie	RO, Lcr, Vc
	23	Lo-3b	Be or Bd, Lgs	Bg, Re
	24	Lo-¾ab	Be or Bd, Lgs or Ges	Bg, Re
	25	Lo-2ab	Lg, Be or Bd	Ge, Bec
	26	Lo-2ab	Lg(s), Ql, Lc	
	27	Lo-½ab	Lc, Ql, Bd or Be	Bec
Lc CHROMIC LUVISOLS	28	Lc-2a	Bc	
	29	Lc-3a	Eo, Ic	
	30	Lc-3a	Lo, Lg	
	31	Lc-4b	E, Lo	
	32	Lc-¾d	Ie or Ic	
	33	Lc-¾b	Rc	B
	34	Lc-¾bc	Bea	Tv
	35	Lc-⅔ab	Bec, E, Lo	A, D
	36	Lc-⅔ab	Lo, Lg, B	A, D
	37	Lc-½a	Lgs, Ql, Lo, B	A, D, Po
	38	Lc-3ac	Be, Bd, Lo	E, Ic, Rc
	39	Lc-1ac	U, B, Po, Lo	
Lcr: Rhodo – Chromic Luvisols	40	Lcr-4bd	Lc, Ie, Ic	Rc
	41	Lcr-¾bc	Lo, B	Lv, Ie, Lf
	42	Lcr-3c	Be	
	43	Lcr-4cd	Bk, Ic	
Lk CALCIC LUVISOLS	44	Lk-4b	L	Je
Lkc: Chromo – Calcic Luvisols	45	Lkc-4bd	Bcc, RO	Bk, Kl, Lf, Lvc
	46	Lkc-3bc	Bk	
Lv VERTIC LUVISOLS	47	Lv-¾ab	Be	Re or L, Vp
Lvk: Calci – Vertic Luvisols	48	Lvk-¾b	Rc	Bk
Lf FERRIC LUVISOLS	49	Lf-¾cd	Lo, Lcr	Je, Af
	50	Lf-2ab		Lg, Be, We, Af
Lg GLEYIC LUVISOLS	51	Lg-3ab	Lo	J, D
	52	Lg-⅔ab	Bg, D	
	53	Lg-3a	Dg	Po
	54	Lg-2b	Wd	Bd
	55	Lg-1a	U, Gm, Ge, Lgs	
Lgs: Stagno – Gleyic Luvisols	56	Lgs-3b	Lo, Bd, Be	I, Ph, Je
	57	Lgs-4c	Lo, Be	I, Ge
	58	Lgs-2ab	Lo, We, G, B	Dg, Jeg
	59	Lgs-¾a	Ges, Bgc,L	We
	60	Lgs-2ab	Bgc, Lo, We	Dg
	61	Lgs-3ab	Bg, Be or Bd	Dg, Pg
Lga: Albo-Gleyic Luvisols	62	Lga-¾b	Lo, Lv, Be	Bk, Bc, Lc, Lf
Lgp: Plano-Gleyic Luvisols	63	Lgp-¾ab	Lga, Lo	Je, Be