

Ecologic indicators

MSU	group of soils	Grain size range under 0,01mm topsoil	Variation range of under 0,01mm undersoil	Moisture conditions (1 dry - 10 wett)	Soil depth (1 shallow - 4 deep)	The deep of the humus Horizon (1 shallow - 4 deep)	Topsoil structure (1 - bad, 4 - best)	Wetting (1-no - 9 - big)	Humus content (1 - low, 4 - big)	Carbonate (1 - low/4 big)	Vulnerability to water erosion (1 - small/4 - big)	Specific resistance of soil (1 - small/4 - big)	workability (1 - good/7 - bad)	Vulnerability of bottom compactio n	Vulnerability of acidificati ons	Humus quality	soil pH reaction	Sorption capacity	Degree of sorption saturation	Productio n potential	Stoniness
01	Chernozem	45.05	42.45	5	4	4	4	1	3	2	4	2	4	1	1	1	4	2	1	84.75	2
02	Chernozem	40.4	44.7	5	4	4	4	1	3	2	4	2	4	3	1	1	4	2	1	86.5	1
03	Chernozem	40.7	43.7	6	4	4	2	2	4	2	3	2	4	3	1	1	4	1	1	89.4	0
04	Chernozem	15.1	15.6	1	4	2	2	1	3	2	3	1	1	1	3	1	4	3	3	58.1	0
05	Chernozem	32.1	16.6	2	4	3	3	1	3	1	3	2	3	1	2	1	4	2	2	83	1
06	Chernozem	42.1	45.15	6	4	4	3	2	3	4	3	3	6	4	1	1	4	1	1	80.15	0
07	Chernozem	61.65	65	7	4	4	3	3	3	4	3	4	7	4	1	1	4	1	1	73.25	0
08	Chernozem	36.2	36.4	3	3	2	2	1	3	5	4	2	5	1	2	1	4	3	2	72.25	0
09	Chernozem	33.95	34.7	5	4	3	2	1	3	2	4	2	4	2	1	1	4	4	2	84.6	0
10	Luvisol	37.8	43.55	5	4	3	2	1	2	2	4	3	4	4	1	4	3	4	2	82.85	0
11	Luvisol	34.5	44.05	6	4	3	2	1	2	1	4	2	5	4	1	4	3	4	2	77.95	0
12	Luvisol	34.3	42.6	6	4	3	2	1	2	1	3	2	5	5	2	4	3	4	2	71.2	0
13	Luvisol	36	18.3	3	4	2	2	1	2	1	4	2	3	3	4	4	3	4	2	68.6	0
14	Albeluvisol	33.9	36.75	5	4	2	2	1	2	1	4	2	5	5	3	4	3	4	3	72.4	0
15	Albeluvisol	35.5	29.95	6	4	2	2	1	2	1	4	3	5	5	3	3	3	5	3	67	0
16	Albeluvisol	27.3	29.6	3	4	2	2	1	2	1	3	2	3	4	4	3	3	5	4	53.5	1
17	Albeluvisol	14.7	19.95	2	4	1	2	1	1	1	3	1	2	1	5	3	3	5	3	46.25	0
18	Rendzic Leptosol	35.5	35.2	6	2	1	2	1	4	5	2	2	5	4	1	3	4	3	2	62.05	2
24	Cambisol	34.1	40.5	6	3	2	2	2	3	2	3	2	5	4	3	3	3	4	2	64.6	1
25	Cambisol	33.05	37	4	2	1	2	1	2	2	3	2	4	3	4	3	3	4	3	67.9	1
26	Cambisol	30.85	36.4	6	2	1	2	1	3	1	3	2	4	3	4	3	3	4	4	63.5	1
27	Cambisol	24.9	25.8	2	2	1	2	1	3	1	3	1	2	2	4	3	3	4	4	54.6	1
28	Cambisol	34.9	37.75	4	3	2	2	1	3	1	3	2	4	3	2	4	4	1	1	75.4	0
29	Cambisol	25.05	32	5	3	1	2	1	3	1	3	2	3	2	4	3	2	4	3	63.5	0
30	Cambisol	28.35	28.7	4	2	1	2	1	2	1	2	1	3	2	4	2	3	6	3	54.75	0
31	Cambisol	16.75	17.1	2	2	1	2	1	2	2	2	1	2	1	5	2	3	5	3	46.25	0
32	Cambisol	23.25	17.75	3	2	1	2	1	3	1	3	1	2	1	5	3	2	4	2	48.1	0
33	Cambisol	39.4	47.6	5	3	1	2	1	3	1	3	2	5	4	3	3	3	4	2	72.5	0
34	Cambisol	22.35	21.45	5	2	1	2	1	4	1	3	1	2	1	5	2	2	4	4	40.5	0
35	Cambisol	31.7	35.6	6	2	1	2	1	3	1	3	2	3	1	5	3	2	4	3	42.7	0
36	Cambisol	21.9	24.6	6	2	1	2	1	3	1	3	1	2	1	5	2	2	4	5	36.5	0
37	Cambisol	26	27.1	2	1	1	2	1	2	1	4	1	2	1	5	3	3	6	5	32.2	2
38	Cambisol	38.9	44.9	3	1	1	2	1	3	1	4	3	5	1	5	3	3	5	5	38.9	2
42	Luvisol	39.9	46.2	6	2	2	2	2	2	2	3	2	4	5	3	4	3	4	3	74.2	0
43	Luvisol	31.15	36	6	3	1	2	2	2	1	4	2	4	5	3	3	3	4	3	70.15	0
44	Dystric Planosols	32.5	39.8	6	3	1	2	2	3	1	4	2	4	5	3	3	3	4	4	64.1	0
45	Stagno-gleyic Camb	39.2	50	6	3	1	2	2	3	1	3	2	5	5	3	3	3	4	4	67.4	0
46	Stagno-gleyic Camb	31	35.85	6	3	1	2	2	3	1	4	2	5	4	3	3	3	4	4	62.7	1
47	Stagno-gleyic Camb	33.05	37.35	7	3	1	2	3	3	1	3	2	5	5	4	3	2	4	4	59.4	2
48	Stagno-gleyic Camb	33.2	40.15	6	2	1	2	3	3	2	2	2	4	5	4	3	3	4	4	54.95	1
49	Stagno-gleyic Camb	49.4	48.6	7	2	1	2	3	4	2	2	2	5	5	3	3	3	3	3	52.1	0
50	Stagno-gleyic Camb	29.6	32.85	7	3	1	2	3	3	2	2	2	3	2	4	3	2	4	4	51.05	1
51	Stagno-gleyic Camb	26.1	32.15	7	3	1	2	3	3	1	2	2	3	2	4	2	3	5	4	46.5	1
52	Dystric Planosols	29.8	37.6	7	3	1	2	3	4	1	2	1	3	2	4	2	2	5	3	49.8	0
55	Fluvisol	15	17.2	2	4	2	2	1	2	4	1	1	1	1	4	3	3	4	2	74.6	0
56	Fluvisol	34.75	37.3	5	4	3	3	1	3	2	1	2	4	2	3	3	3	3	2	74.7	0

57	Fluvisol	55.2	59.7	6	4	3	3	4	3	2	1	3	6	4	2	3	3	3	2	70.1	0
58	Fluvisol	33.5	37.9	8	4	3	3	4	4	1	1	2	3	4	2	3	3	3	3	66	0
59	Fluvisol	53.3	70.4	9	4	3	3	4	4	2	1	4	7	5	2	2	3	2	3	65.6	0
60	Phaeozem	41.45	41	6	4	4	4	2	5	4	1	2	3	4	1	5	5	1	1	91	0
61	Phaeozem	56	60.9	7	4	4	3	2	5	4	2	4	7	5	1	5	5	1	1	83	0
62	Phaeozem	38.6	45.5	7	4	4	3	5	5	4	2	2	4	4	1	4	4	1	1	82	0
63	Phaeozem	54.8	68.4	9	4	4	3	8	5	4	2	4	7	5	1	4	4	1	1	70.1	0
64	Dystric Gleysols	49.2	43.6	9	4	2	2	8	5	1	1	3	6	4	4	2	2	3	4	52.6	0
65	Dystric Gleysols	37.3	47.4	9	3	3	3	5	5	1	1	2	4	2	4	1	1	1	5	54.5	0
66	Dystric Gleysols	43.7	46.2	10	3	3	2	5	5	1	1	3	5	0	3	1	2	1	5	23.1	0
67	Dystric Gleysols	34.3	51.6	10	3	2	3	9	5	1	1	3	6	0	3	2	2	3	5	23.2	0
68	Dystric Gleysols	42.1	50.3	9	3	2	2	6	5	1	1	4	4	0	3	2	2	2	5	17.1	0
69	Dystric Gleysols	46.3	54.6	10	3	3	2	9	5	1	1	4	4	0	3	1	2	2	5	20.1	0
70	Dystric Gleysols	41.7	47.9	10	3	2	2	9	5	1	1	4	4	0	3	1	2	2	5	25.6	0
71	Dystric Gleysols	46.4	51.4	10	3	2	2	9	4	1	1	4	4	0	3	2	1	2	5	21.6	0
72	Dystric Gleysols	46.5	49.5	10	3	3	2	5	5	1	1	4	4	0	3	2	2	2	5	20.6	0