Integrated quality and environmental management system BDS EN ISO 9001:2015 / BDS EN ISO 14001:2015
CARBONSAFE JSC
city of Plovdiv, 53 Tsarigradsko Shose Blvd.
Tel. +359 899 491 111; E-mail: office@carbonsafe.bg

Version 3.1/26.03.26
Form PR0205

Checklist for calculating Sequestered Carbon (SOC) in Soil from Removed Greenhouse Gas Carbon Dioxide (CO2) Emissions

1	**Project:**	**BCCR-6-00002-AGRI-Carbonsafe carbon farming project – South Bulgaria - CSBG-BG-S**	
2	**Project code:**	**CSBG-BG-S**	
3	**Project start date (dd/mm/yyyy):**	**17.1.2023**	
4	**Project Monitoring period beginning (dd/mm/yyyy):**	**23.3.2024**	
5	**Project Monitoring period end (dd/mm/yyyy):**	**15.5.2025**	
6	**Farm beginning soil sampling date for reporting period (dd/mm/yyyy):**	**13.2.2024 K1**	**Retrospective date**
7	**Farm soil sampling end date for reporting period (dd/mm/yyyy):**	**14.2.2025 K2**	**In period**
8	**Farm contract date (dd/mm/yyyy):**	**17.1.2023**	
9	**Farmer (Legal Entity):**	**(gf) 1.ECOSYST AGRO EOOD/2.DABENSKA ETERICHNA COMPANIA OOD/ 3. STOITCEV AGRO EOOD**	
10	**UIC:**	**203457757/204679198/204556854**	

1	**Gross amount of removed GHG emissions carbon dioxide CO_2 *(note 4)***	**7 720**	
2	**Uncertainty deduction ($^{(9)}$20,70 % of Gross amount of removed GHG emissions carbon dioxide t CO_2 eq))**	**1 599**	**20,70%**
3	**N_2O emissions from mineral fertilizers (t CO_2 eq)**	**15**	
4	**Total fuel consumption CO_2 equivalent *(note 6)***	**40**	
5	**Emissions from leakage (t CO_2 eq)**	**0**	
6	**Adjustments to reduce removals from GHG (t CO_2 eq)**	**0**	
7	**Net ammount of GHG removed carbon dioxide (t CO_2 eq)**	**6 066**	
8	**Buffer contribution ammount (5% of credits):**	**303**	**5,00%**

Total cells
37
Cells +
29
Cells -
8
C t/ha
11,52
credits/ha
42

Cell data											BASE YEAR data				
No	Contract date (dd/mm/yyyy)	Contract No	ERP farm ID*	EKATTE on land	Longitude	Latitude	Plot name	ERP cell ID	Depth	Area *(note 1)*	Crop	Date of sampling	Date of acceptance in Laboratory	LAB No	Measured organic carbon (OC)
									cm	ERP ha					mg/kg
										182,75					
1	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78713712	42,58200971	Био 241174 - 24241	020125109239	0-30	1,09	Area with fallow land	3.3.2023	6.3.2023	ioa-15-2	8630
2	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78713712	42,58200971	Био 241174 - 24241	020125109239	30-60	1,09	Area with fallow land	3.3.2023	6.3.2023	ioa-16-7	6470
3	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78713712	42,58200971	Био 241174 - 24241	020125109239	60-90	1,09	Area with fallow land	3.3.2023	6.3.2023	ioa-16-14	4560
4	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78020399	42,5793625	Брегът - 24241	009125109239	0-30	1,96	Alfalfa	25.3.2023	28.3.2023	ioa-23-9	16870
5	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78020399	42,5793625	Брегът - 24241	009125109239	30-60	1,96	Alfalfa	25.3.2023	28.3.2023	ioa-24-10	10770
6	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78020399	42,5793625	Брегът - 24241	009125109239	60-90	1,96	Alfalfa	25.3.2023	28.3.2023	ioa-24-21	12000
7	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78059686	42,5812807	Брегът - 24241	010125109239	0-30	3,90	Alfalfa	25.3.2023	28.3.2023	ioa-23-10	12180
8	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78059686	42,5812807	Брегът - 24241	010125109239	30-60	3,90	Alfalfa	25.3.2023	28.3.2023	ioa-24-11	9610
9	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78059686	42,5812807	Брегът - 24241	010125109239	60-90	3,90	Alfalfa	25.3.2023	28.3.2023	ioa-24-22	8420
10	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,77239016	42,61448671	Дъгата - Люцерна	005125109239	0-30	23,17	Alfalfa	2.3.2023	3.3.2023	ioa-14-10	9460
11	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,77239016	42,61448671	Дъгата - Люцерна	005125109239	30-60	23,17	Alfalfa	2.3.2023	3.3.2023	ioa-13-6	5320
12	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,77239016	42,61448671	Дъгата - Люцерна	005125109239	60-90	23,17	Alfalfa	2.3.2023	3.3.2023	ioa-13-16	3610
13	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,72980074	42,61605276	Лавандула 133	011125109239	0-30	5,59	Lavender	1.3.2023	3.3.2023	ioa-14-5	8690
14	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,72980074	42,61605276	Лавандула 133	011125109239	30-60	5,59	Lavender	1.3.2023	3.3.2023	ioa-13-4	6660
15	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,72980074	42,61605276	Лавандула 133	011125109239	60-90	5,59	Lavender	1.3.2023	3.3.2023	ioa-13-14	5240
16	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,79687901	42,5831654	Лавандула 297 - 24241	022125109239	0-30	1,04	Lavender	2.3.2023	3.3.2023	ioa-14-9	7660
17	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,79687901	42,5831654	Лавандула 297 - 24241	022125109239	30-60	1,04	Lavender	2.3.2023	3.3.2023	ioa-13-9	6190
18	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,79687901	42,5831654	Лавандула 297 - 24241	022125109239	60-90	1,04	Lavender	2.3.2023	3.3.2023	ioa-13-18	6100
19	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,79759315	42,59031847	Лавандула 297 - Север - 24241	025125109239	0-30	4,81	Lavender	3.3.2023	6.3.2023	ioa-15-1	9030
20	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,79759315	42,59031847	Лавандула 297 - Север - 24241	025125109239	30-60	4,81	Lavender	3.3.2023	6.3.2023	ioa-16-4	6060
21	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,79759315	42,59031847	Лавандула 297 - Север - 24241	025125109239	60-90	4,81	Lavender	3.3.2023	6.3.2023	ioa-16-16	5280
22	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,79548628	42,58544151	Лавандула 297 - център - 24241	023125109239	0-30	2,67	Lavender	2.3.2023	3.3.2023	ioa-14-2	7960
23	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,79548628	42,58544151	Лавандула 297 - център - 24241	023125109239	30-60	2,67	Lavender	2.3.2023	3.3.2023	ioa-13-1	6270
24	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,79548628	42,58544151	Лавандула 297 - център - 24241	023125109239	60-90	2,67	Lavender	2.3.2023	3.3.2023	ioa-13-11	3610
25	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,79615908	42,58750595	Лвандула 297 - Триъгълника - 24241	024125109239	0-30	0,65	Lavender	3.3.2023	6.3.2023	ioa-15-6	10760
26	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,79615908	42,58750595	Лвандула 297 - Триъгълника - 24241	024125109239	30-60	0,65	Lavender	3.3.2023	6.3.2023	ioa-16-3	7220
27	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,79615908	42,58750595	Лвандула 297 - Триъгълника - 24241	024125109239	60-90	0,65	Lavender	3.3.2023	6.3.2023	ioa-16-11	5540
28	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78592758	42,58211931	Лещакът - Люцерна над Дамян	004125109239	0-30	2,26	Alfalfa	26.3.2023	28.3.2023	ioa-23-6	7770
29	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78592758	42,58211931	Лещакът - Люцерна над Дамян	004125109239	30-60	2,26	Alfalfa	26.3.2023	28.3.2023	ioa-24-2	5470
30	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78592758	42,58211931	Лещакът - Люцерна над Дамян	004125109239	60-90	2,26	Alfalfa	26.3.2023	28.3.2023	ioa-24-13	4020
31	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78519523	42,57970007	Лещакът - Люцерна под Дамян - 24	008125109239	0-30	6,62	Alfalfa	26.3.2023	28.3.2023	ioa-23-7	9700
32	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78519523	42,57970007	Лещакът - Люцерна под Дамян - 24	008125109239	30-60	6,62	Alfalfa	26.3.2023	28.3.2023	ioa-24-3	6350
33	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78519523	42,57970007	Лещакът - Люцерна под Дамян - 24	008125109239	60-90	6,62	Alfalfa	26.3.2023	28.3.2023	ioa-24-14	4820
34	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,784034	42,57782251	Лещакът - Люцерна ЮГ - 24241	002125109239	0-30	1,47	Alfalfa	26.3.2023	28.3.2023	ioa-23-8	13360
35	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,784034	42,57782251	Лещакът - Люцерна ЮГ - 24241	002125109239	30-60	1,47	Alfalfa	26.3.2023	28.3.2023	ioa-24-1	7460
36	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,784034	42,57782251	Лещакът - Люцерна ЮГ - 24241	002125109239	60-90	1,47	Alfalfa	26.3.2023	28.3.2023	ioa-24-12	4220
37	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78650149	42,58385156	Лещакът - пшеница - 24241	003125109239	0-30	12,76	Wheat	4.3.2023	6.3.2023	ioa-15-8	9660
38	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78650149	42,58385156	Лещакът - пшеница - 24241	003125109239	30-60	12,76	Wheat	4.3.2023	6.3.2023	ioa-16-8	6230
39	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78650149	42,58385156	Лещакът - пшеница - 24241	003125109239	60-90	12,76	Wheat	4.3.2023	6.3.2023	ioa-16-13	4110
40	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,81319559	42,57992122	Мранчево - 24241	007125109239	0-30	11,21	Triticale	2.3.2023	3.3.2023	ioa-14-8	10900
41	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,81319559	42,57992122	Мранчево - 24241	007125109239	30-60	11,21	Triticale	2.3.2023	3.3.2023	ioa-13-10	9850
42	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,81319559	42,57992122	Мранчево - 24241	007125109239	60-90	11,21	Triticale	2.3.2023	3.3.2023	ioa-13-20	5100
43	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,71903298	42,6150338	Оградната - север	006125109239	0-30	5,50	Sunflower	1.3.2023	3.3.2023	ioa-14-7	11790
44	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,71903298	42,6150338	Оградната - север	006125109239	30-60	5,50	Sunflower	1.3.2023	3.3.2023	ioa-13-3	24070
45	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,71903298	42,6150338	Оградната - север	006125109239	60-90	5,50	Sunflower	1.3.2023	3.3.2023	ioa-13-12	4110
46	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78136518	42,62694005	Рози 066009	026125109239	0-30	0,51	Essential oil-yealding rose	2.3.2023	3.3.2023	ioa-14-4	20100
47	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78136518	42,62694005	Рози 066009	026125109239	30-60	0,51	Essential oil-yealding rose	2.3.2023	3.3.2023	ioa-13-2	7130
48	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78136518	42,62694005	Рози 066009	026125109239	60-90	0,51	Essential oil-yealding rose	2.3.2023	3.3.2023	ioa-13-13	3770
49	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78149479	42,62602921	Рози 066013	027125109239	0-30	0,76	Essential oil-yealding rose	2.3.2023	3.3.2023	ioa-14-3	11050
50	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78149479	42,62602921	Рози 066013	027125109239	30-60	0,76	Essential oil-yealding rose	2.3.2023	3.3.2023	ioa-13-5	6960
51	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78149479	42,62602921	Рози 066013	027125109239	60-90	0,76	Essential oil-yealding rose	2.3.2023	3.3.2023	ioa-13-15	3230
52	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,77581794	42,58905195	Рози 241023 - 24241	012125109239	0-30	0,26	Essential oil-yealding rose	25.3.2023	28.3.2023	ioa-23-11	6430
53	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,77581794	42,58905195	Рози 241023 - 24241	012125109239	30-60	0,26	Essential oil-yealding rose	25.3.2023	28.3.2023	ioa-24-9	3820
54	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,77581794	42,58905195	Рози 241023 - 24241	012125109239	60-90	0,26	Essential oil-yealding rose	25.3.2023	28.3.2023	ioa-24-20	3300

	1st CONTROL YEAR data								Calculations 1st CONTROL YEAR (-) BASE YEAR				Fuel emission footprint from production equipment 1st CONTROL YEAR			
No	Area *(note 1)*	Crop	Date of sampling	Date of acceptance in Laboratory	LAB No	Bulk density *(note 2)*	Soil quantity	Measured organic carbon (OC)	Difference in organic carbon (OC)	Content (OC) in soil	Total content (OC) in the soil *(note 3)*	Gross amount of removed GHG emissions carbon dioxide CO2 *(note 4)*	Average fuel consumption *(note 5)*	Total fuel consumption per cell	Total fuel consumption CO2 equivalent	**Net amount of removed GHG emissions carbon dioxide CO2 *(note 8)***
	ERP ha					g/cm3	ton	mg/kg	mg/kg	g/ton	ton	ton	ton/ha	ton/ha	ton	ton
	182,75										346	1 268		2,04	6,96	1 262
1	1,09	Area with fallow land	19.2.2024	23.2.2024	ioa-62-22	1,83	5 984,10	5730	-0,003	-17,35	-32,11	-117,75		0,0000	0,0000	0
2	1,09	Area with fallow land	19.2.2024	23.2.2024	ioa-62-23	1,88	6 147,60	5880	-0,001	-3,63						
3	1,09	Area with fallow land	19.2.2024	23.2.2024	ioa-62-24	1,87	6 114,90	2740	-0,002	-11,13						
4	1,96	Alfalfa	19.2.2024	23.2.2024	ioa-62-34	1,83	10 760,40	14890	-0,002	-21,31	-43,59	-159,84		0,0000	0,0000	0
5	1,96	Alfalfa	19.2.2024	23.2.2024	ioa-62-35	1,88	11 054,40	11430	0,001	7,30						
6	1,96	Alfalfa	19.2.2024	23.2.2024	ioa-62-36	1,87	10 995,60	9310	-0,003	-29,58						
7	3,90	Alfalfa	19.2.2024	23.2.2024	ioa-62-37	1,83	21 411,00	13200	0,001	21,84	58,16	213,28	0,0422	0,1646	0,5629	213
8	3,90	Alfalfa	19.2.2024	23.2.2024	ioa-62-38	1,88	21 996,00	9630	0,000	0,44						
9	3,90	Alfalfa	19.2.2024	23.2.2024	ioa-62-39	1,87	21 879,00	10060	0,002	35,88						
10	23,17	Alfalfa	16.2.2024	23.2.2024	ioa-61-7	1,83	127 203,30	5510	-0,004	-502,45	-605,65	-2220,91		0,0000	0,0000	0
11	23,17	Alfalfa	16.2.2024	23.2.2024	ioa-61-8	1,88	130 678,80	4590	-0,001	-95,40						
12	23,17	Alfalfa	16.2.2024	23.2.2024	ioa-61-9	1,87	129 983,70	3550	0,000	-7,80						
13	5,59	Lavender	14.2.2024	23.2.2024	ioa-61-4	1,83	30 689,10	10020	0,001	40,82	41,49	152,13	0,0690	0,3857	1,3191	151
14	5,59	Lavender	14.2.2024	23.2.2024	ioa-61-5	1,88	31 527,60	6920	0,000	8,20						
15	5,59	Lavender	14.2.2024	23.2.2024	ioa-61-6	1,87	31 359,90	5000	0,000	-7,53						
16	1,04	Lavender	19.2.2024	23.2.2024	ioa-62-7	1,83	5 709,60	8420	0,001	4,34	7,97	29,22	0,0690	0,0718	0,2454	29
17	1,04	Lavender	19.2.2024	23.2.2024	ioa-62-8	1,88	5 865,60	6580	0,000	2,29						
18	1,04	Lavender	19.2.2024	23.2.2024	ioa-62-9	1,87	5 834,40	6330	0,000	1,34						
19	4,81	Lavender	16.2.2024	23.2.2024	ioa-61-16	1,83	26 406,90	7130	-0,002	-50,17	-6,10	-22,37		0,0000	0,0000	0
20	4,81	Lavender	16.2.2024	23.2.2024	ioa-61-17	1,88	27 128,40	6680	0,001	16,82						
21	4,81	Lavender	16.2.2024	23.2.2024	ioa-61-18	1,87	26 984,10	6290	0,001	27,25						
22	2,67	Lavender	19.2.2024	23.2.2024	ioa-62-4	1,83	14 658,30	7740	0,000	-3,22	23,59	86,49	0,0690	0,1842	0,6301	86
23	2,67	Lavender	19.2.2024	23.2.2024	ioa-62-5	1,88	15 058,80	6250	0,000	-0,30						
24	2,67	Lavender	19.2.2024	23.2.2024	ioa-62-6	1,87	14 978,70	5420	0,002	27,11						
25	0,65	Lavender	16.2.2024	23.2.2024	ioa-61-19	1,83	3 568,50	9590	-0,001	-4,18	5,21	19,11	0,0690	0,0449	0,1534	19
26	0,65	Lavender	16.2.2024	23.2.2024	ioa-61-20	1,88	3 666,00	7960	0,001	2,71						
27	0,65	Lavender	16.2.2024	23.2.2024	ioa-61-21	1,87	3 646,50	7370	0,002	6,67						
28	2,26	Alfalfa	19.2.2024	23.2.2024	ioa-62-19	1,83	12 407,40	6430	-0,001	-16,63	-24,54	-89,98		0,0000	0,0000	0
29	2,26	Alfalfa	19.2.2024	23.2.2024	ioa-62-20	1,88	12 746,40	4700	-0,001	-9,81						
30	2,26	Alfalfa	19.2.2024	23.2.2024	ioa-62-21	1,87	12 678,60	4170	0,000	1,90						
31	6,62	Alfalfa	19.2.2024	23.2.2024	ioa-62-28	1,83	36 343,80	7450	-0,002	-81,77	-91,93	-337,11		0,0000	0,0000	0
32	6,62	Alfalfa	19.2.2024	23.2.2024	ioa-62-29	1,88	37 336,80	5690	-0,001	-24,64						
33	6,62	Alfalfa	19.2.2024	23.2.2024	ioa-62-30	1,87	37 138,20	5210	0,000	14,48						
34	1,47	Alfalfa	19.2.2024	23.2.2024	ioa-62-31	1,83	8 070,30	11030	-0,002	-18,80	-11,00	-40,32		0,0000	0,0000	0
35	1,47	Alfalfa	19.2.2024	23.2.2024	ioa-62-32	1,88	8 290,80	6860	-0,001	-4,97						
36	1,47	Alfalfa	19.2.2024	23.2.2024	ioa-62-33	1,87	8 246,70	5770	0,002	12,78						
37	12,76	Triticale	19.2.2024	23.2.2024	ioa-62-13	1,83	70 052,40	7160	-0,003	-175,13	-306,18	-1122,76		0,0000	0,0000	0
38	12,76	Triticale	19.2.2024	23.2.2024	ioa-62-14	1,88	71 966,40	4230	-0,002	-143,93						
39	12,76	Triticale	19.2.2024	23.2.2024	ioa-62-15	1,87	71 583,60	4290	0,000	12,89						
40	11,21	Rye	19.2.2024	23.2.2024	ioa-62-1	1,83	61 542,90	11460	0,001	34,46	-96,80	-354,96		0,0000	0,0000	0
41	11,21	Rye	19.2.2024	23.2.2024	ioa-62-2	1,88	63 224,40	6630	-0,003	-203,58						
42	11,21	Rye	19.2.2024	23.2.2024	ioa-62-3	1,87	62 888,10	6250	0,001	72,32						
43	5,50	Triticale	14.2.2024	23.2.2024	ioa-61-1	1,83	30 195,00	10280	-0,002	-45,59	-530,89	-1946,77		0,0000	0,0000	0
44	5,50	Triticale	14.2.2024	23.2.2024	ioa-61-2	1,88	31 020,00	7570	-0,017	-511,83						
45	5,50	Triticale	14.2.2024	23.2.2024	ioa-61-3	1,87	30 855,00	4970	0,001	26,54						
46	0,51	Essential oil-yealding rose	16.2.2024	23.2.2024	ioa-61-13	1,83	2 799,90	4990	-0,015	-42,31	-45,71	-167,63		0,0000	0,0000	0
47	0,51	Essential oil-yealding rose	16.2.2024	23.2.2024	ioa-61-14	1,88	2 876,40	5120	-0,002	-5,78						
48	0,51	Essential oil-yealding rose	16.2.2024	23.2.2024	ioa-61-15	1,87	2 861,10	4600	0,001	2,37						
49	0,76	Essential oil-yealding rose	16.2.2024	23.2.2024	ioa-61-10	1,83	4 172,40	5160	-0,006	-24,58	-31,37	-115,02		0,0000	0,0000	0
50	0,76	Essential oil-yealding rose	16.2.2024	23.2.2024	ioa-61-11	1,88	4 286,40	4580	-0,002	-10,20						
51	0,76	Essential oil-yealding rose	16.2.2024	23.2.2024	ioa-61-12	1,87	4 263,60	4030	0,001	3,41						
52	0,26	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-55	1,83	1 427,40	5880	-0,001	-0,79	-0,61	-2,24		0,0000	0,0000	0
53	0,26	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-56	1,88	1 466,40	3890	0,000	0,10						
54	0,26	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-57	1,87	1 458,60	3350	0,000	0,07						

	2nd CONTROL YEAR								Calculations *(note 3)* 2 CONTROL YEAR (-) 1 CONTROL YEAR 2 CONTROL YEAR (-) BASE YEAR				Data on fuel emission footprint from production equipment 2 CONTROL YEAR				new	new	new
No	Area *(note 1)*	Crop	Date of sampling	Date of acceptance in Laboratory	LAB No	Bulk density *(note 2)*	Soil quantity	Measured organic carbon (OC)	Difference in organic carbon (OC)	content (OC) in soil	Total content (OC) in the soil	Gross amount of removed GHG emissions carbon dioxide CO2 *(note 4)*	Average fuel consumption *(note 5)*	Total fuel consumption per cell	Total fuel consumption CO2 equivalent *(note 6)*	**Removed emissions of greenhouse gas carbon dioxide CO_2 after Fuel emission**	ERP cell ID	Difference between sampling dates expressed in months (< 10 m~14 m>)	Difference between sampling dates expressed in months (< 10 m~14 m>)
	ERP ha					g/cm3	ton	mg/kg	mg/kg	g/ton	ton	ton	ton/ha	ton/ha	ton	ton		BASE~K1	K1~K2
	182,75									2 105,30	2 105,30	7 720,14		11,52	39,41	7 680			
1	1,09	fallow land	12.2.2025	13.2.2025	ioa-128-37	1,83	5 984,10	9371	0,001	4,43	1	5	0,0290	0,0316	0,1081	5	020125109239	11	11
2	1,09	fallow land	12.2.2025	13.2.2025	ioa-128-38	1,88	6 147,60	5728	-0,001	-4,56							020125109239	11	11
3	1,09	fallow land	12.2.2025	13.2.2025	ioa-128-39	1,87	6 114,90	4826	0,000	1,63							020125109239	11	11
4	1,96	alfalfa	12.2.2025	13.2.2025	ioa-128-19	1,83	10 760,40	18716	0,002	19,86	58	212	0,0422	0,0827	0,2829	211	009125109239	10	11
5	1,96	alfalfa	12.2.2025	13.2.2025	ioa-128-20	1,88	11 054,40	14194	0,003	37,85							009125109239	10	11
6	1,96	alfalfa	12.2.2025	13.2.2025	ioa-128-21	1,87	10 995,60	12003	0,000	0,03							009125109239	10	11
7	3,90	alfalfa	12.2.2025	13.2.2025	ioa-128-16	1,83	21 411,00	14908	0,002	36,57	57	208	0,0422	0,1646	0,5629	208	010125109239	10	11
8	3,90	alfalfa	12.2.2025	13.2.2025	ioa-128-17	1,88	21 996,00	10542	0,001	20,06							010125109239	10	11
9	3,90	alfalfa	12.2.2025	13.2.2025	ioa-128-18	1,87	21 879,00	10067	0,000	0,15							010125109239	10	11
10	23,17	alfalfa	14.2.2025	17.2.2025	ioa-129-13	1,83	127 203,30	8824	-0,001	-80,90	-164	-600	0,0422	0,9778	3,3440	-604	005125109239	11	11
11	23,17	alfalfa	14.2.2025	17.2.2025	ioa-129-14	1,88	130 678,80	4695	-0,001	-81,67							005125109239	11	11
12	23,17	alfalfa	14.2.2025	17.2.2025	ioa-129-15	1,87	129 983,70	3601	0,000	-1,17							005125109239	11	11
13	5,59	lavender	14.2.2025	17.2.2025	ioa-129-4	1,83	30 689,10	9595	0,000	-13,04	-38	-140	0,0690	0,3857	1,3191	-142	011125109239	11	12
14	5,59	lavender	14.2.2025	17.2.2025	ioa-129-5	1,88	31 527,60	6136	-0,001	-24,72							011125109239	11	12
15	5,59	lavender	14.2.2025	17.2.2025	ioa-129-6	1,87	31 359,90	4984	0,000	-0,50							011125109239	11	12
16	1,04	lavender	11.2.2025	13.2.2025	ioa-128-1	1,83	5 709,60	10948	0,003	14,43	22	82	0,0690	0,0718	0,2454	81	022125109239	11	11
17	1,04	lavender	11.2.2025	13.2.2025	ioa-128-2	1,88	5 865,60	7675	0,001	6,42							022125109239	11	11
18	1,04	lavender	11.2.2025	13.2.2025	ioa-128-3	1,87	5 834,40	6568	0,000	1,39							022125109239	11	11
19	4,81	lavender	11.2.2025	13.2.2025	ioa-128-10	1,83	26 406,90	11045	0,002	53,21	109	401	0,0690	0,3319	1,1351	400	025125109239	11	11
20	4,81	lavender	11.2.2025	13.2.2025	ioa-128-11	1,88	27 128,40	8254	0,002	59,52							025125109239	11	11
21	4,81	lavender	11.2.2025	13.2.2025	ioa-128-12	1,87	26 984,10	5159	0,000	-3,27							025125109239	11	11
22	2,67	lavender	11.2.2025	13.2.2025	ioa-128-4	1,83	14 658,30	9831	0,002	30,65	19	71	0,0690	0,1842	0,6301	71	023125109239	11	11
23	2,67	lavender	11.2.2025	13.2.2025	ioa-128-5	1,88	15 058,80	6530	0,000	4,22							023125109239	11	11
24	2,67	lavender	11.2.2025	13.2.2025	ioa-128-6	1,87	14 978,70	4390	-0,001	-15,43							023125109239	11	11
25	0,65	lavender	11.2.2025	13.2.2025	ioa-128-7	1,83	3 568,50	13165	0,004	12,76	17	62	0,0690	0,0449	0,1534	62	024125109239	11	11
26	0,65	lavender	11.2.2025	13.2.2025	ioa-128-8	1,88	3 666,00	9278	0,001	4,83							024125109239	11	11
27	0,65	lavender	11.2.2025	13.2.2025	ioa-128-9	1,87	3 646,50	7184	0,000	-0,68							024125109239	11	11
28	2,26	alfalfa	12.2.2025	13.2.2025	ioa-128-28	1,83	12 407,40	8957	0,001	14,73	25	91	0,0422	0,0954	0,3262	90	004125109239	10	11
29	2,26	alfalfa	12.2.2025	13.2.2025	ioa-128-29	1,88	12 746,40	5354	0,000	-1,48							004125109239	10	11
30	2,26	alfalfa	12.2.2025	13.2.2025	ioa-128-30	1,87	12 678,60	4926	0,001	11,49							004125109239	10	11
31	6,62	alfalfa	12.2.2025	13.2.2025	ioa-128-25	1,83	36 343,80	11774	0,002	75,38	126	461	0,0422	0,2794	0,9554	460	008125109239	10	11
32	6,62	alfalfa	12.2.2025	13.2.2025	ioa-128-26	1,88	37 336,80	6468	0,000	4,41							008125109239	10	11
33	6,62	alfalfa	12.2.2025	13.2.2025	ioa-128-27	1,87	37 138,20	6057	0,001	45,94							008125109239	10	11
34	1,47	alfalfa	12.2.2025	13.2.2025	ioa-128-22	1,83	8 070,30	15526	0,002	17,48	33	123	0,0422	0,0620	0,2122	122	002125109239	10	11
35	1,47	alfalfa	12.2.2025	13.2.2025	ioa-128-23	1,88	8 290,80	8392	0,001	7,73							002125109239	10	11
36	1,47	alfalfa	12.2.2025	13.2.2025	ioa-128-24	1,87	8 246,70	5219	0,001	8,24							002125109239	10	11
37	12,76	rye	12.2.2025	13.2.2025	ioa-128-31	1,83	70 052,40	9687	0,000	1,89	62	229	0,0766	0,9774	3,3428	225	003125109239	11	11
38	12,76	rye	12.2.2025	13.2.2025	ioa-128-32	1,88	71 966,40	6461	0,000	16,62							003125109239	11	11
39	12,76	rye	12.2.2025	13.2.2025	ioa-128-33	1,87	71 583,60	4723	0,001	43,88							003125109239	11	11
40	11,21	triticale	11.2.2025	13.2.2025	ioa-128-13	1,83	61 542,90	15341	0,004	273,31	407	1 494	0,0766	0,8587	2,9367	1 491	007125109239	11	11
41	11,21	triticale	11.2.2025	13.2.2025	ioa-128-14	1,88	63 224,40	9621	0,000	-14,48							007125109239	11	11
42	11,21	triticale	11.2.2025	13.2.2025	ioa-128-15	1,87	62 888,10	7461	0,002	148,48							007125109239	11	11
43	5,50	rye	14.2.2025	17.2.2025	ioa-129-1	1,83	30 195,00	11006	-0,001	-23,67	-537	-1 969	0,0766	0,4213	1,4408	-1 970	006125109239	11	12
44	5,50	rye	14.2.2025	17.2.2025	ioa-129-2	1,88	31 020,00	7282	-0,017	-520,76							006125109239	11	12
45	5,50	rye	14.2.2025	17.2.2025	ioa-129-3	1,87	30 855,00	4357	0,000	7,62							006125109239	11	12
46	0,51	rose oil	14.2.2025	17.2.2025	ioa-129-7	1,83	2 799,90	10803	-0,009	-26,03	-28	-102	0,1570	0,0801	0,2738	-103	026125109239	11	11
47	0,51	rose oil	14.2.2025	17.2.2025	ioa-129-8	1,88	2 876,40	6168	-0,001	-2,77							026125109239	11	11
48	0,51	rose oil	14.2.2025	17.2.2025	ioa-129-9	1,87	2 861,10	4084	0,000	0,90							026125109239	11	11
49	0,76	rose oil	14.2.2025	17.2.2025	ioa-129-10	1,83	4 172,40	10299	-0,001	-3,13	-10	-36	0,1570	0,1193	0,4081	-37	027125109239	11	11
50	0,76	rose oil	14.2.2025	17.2.2025	ioa-129-11	1,88	4 286,40	5034	-0,002	-8,26							027125109239	11	11
51	0,76	rose oil	14.2.2025	17.2.2025	ioa-129-12	1,87	4 263,60	3585	0,000	1,51							027125109239	11	11
52	0,26	rose oil	12.2.2025	13.2.2025	ioa-128-61	1,83	1 427,40	6602	0,000	0,25	1	4	0,1570	0,0408	0,1396	4	012125109239	10	11
53	0,26	rose oil	12.2.2025	13.2.2025	ioa-128-62	1,88	1 466,40	4377	0,001	0,82							012125109239	10	11
54	0,26	rose oil	12.2.2025	13.2.2025	ioa-128-63	1,87	1 458,60	3334	0,000	0,05							012125109239	10	11

55	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,7797244	42,58994135	Рози 241045 - 24241	013125109239	0-30	0,49	Essential oil-yealding rose	26.3.2023	28.3.2023	ioa-23-2	6850	0,49	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-49	1,83	2 690,10	5660	-0,001	-3,20	-3,42	-12,54		0,0000	0,0000	0	0,49	rose oil	12.2.2025	13.2.2025	ioa-128-55	1,83	2 690,10	6822	0,000	-0,08	4	14	0,1570	0,0769	0,2631	14	013125109239	10	11
56	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,7797244	42,58994135	Рози 241045 - 24241	013125109239	30-60	0,49	Essential oil-yealding rose	26.3.2023	28.3.2023	ioa-24-6	3720	0,49	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-50	1,88	2 763,60	3770	0,000	0,14							0,49	rose oil	12.2.2025	13.2.2025	ioa-128-56	1,88	2 763,60	4562	0,001	2,33							013125109239	10	11
57	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,7797244	42,58994135	Рози 241045 - 24241	013125109239	60-90	0,49	Essential oil-yealding rose	26.3.2023	28.3.2023	ioa-24-18	3300	0,49	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-51	1,87	2 748,90	3170	0,000	-0,36							0,49	rose oil	12.2.2025	13.2.2025	ioa-128-57	1,87	2 748,90	3863	0,001	1,55							013125109239	10	11
58	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,77909069	42,58913685	Рози 241048 - 24241	014125109239	0-30	0,44	Essential oil-yealding rose	26.3.2023	28.3.2023	ioa-23-1	7200	0,44	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-52	1,83	2 415,60	4780	-0,002	-5,85	-6,77	-24,81		0,0000	0,0000	0	0,44	rose oil	12.2.2025	13.2.2025	ioa-128-58	1,83	2 415,60	6329	-0,001	-2,10	1	5	0,1570	0,0691	0,2363	5	014125109239	10	11
59	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,77909069	42,58913685	Рози 241048 - 24241	014125109239	30-60	0,44	Essential oil-yealding rose	26.3.2023	28.3.2023	ioa-24-5	3900	0,44	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-53	1,88	2 481,60	3370	-0,001	-1,32							0,44	rose oil	12.2.2025	13.2.2025	ioa-128-59	1,88	2 481,60	4592	0,001	1,72							014125109239	10	11
60	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,77909069	42,58913685	Рози 241048 - 24241	014125109239	60-90	0,44	Essential oil-yealding rose	26.3.2023	28.3.2023	ioa-24-19	3390	0,44	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-54	1,87	2 468,40	3550	0,000	0,39							0,44	rose oil	12.2.2025	13.2.2025	ioa-128-60	1,87	2 468,40	4094	0,001	1,74							014125109239	10	11
61	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78151899	42,58463324	Рози 241112 - 24241	015125109239	0-30	0,70	Essential oil-yealding rose	26.3.2023	28.3.2023	ioa-23-5	6310	0,70	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-40	1,83	3 843,00	5030	-0,001	-4,92	-1,77	-6,50		0,0000	0,0000	0	0,70	rose oil	12.2.2025	13.2.2025	ioa-128-46	1,83	3 843,00	6170	0,000	-0,54	7	24	0,1570	0,1099	0,3759	24	015125109239	10	11
62	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78151899	42,58463324	Рози 241112 - 24241	015125109239	30-60	0,70	Essential oil-yealding rose	26.3.2023	28.3.2023	ioa-24-4	4300	0,70	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-41	1,88	3 948,00	4560	0,000	1,03							0,70	rose oil	12.2.2025	13.2.2025	ioa-128-47	1,88	3 948,00	5184	0,001	3,49							015125109239	10	11
63	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78151899	42,58463324	Рози 241112 - 24241	015125109239	60-90	0,70	Essential oil-yealding rose	26.3.2023	28.3.2023	ioa-24-16	3190	0,70	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-42	1,87	3 927,00	3730	0,001	2,12							0,70	rose oil	12.2.2025	13.2.2025	ioa-128-48	1,87	3 927,00	4127	0,001	3,68							015125109239	10	11
64	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78674299	42,58878729	Рози 241117	017125109239	0-30	0,59	Essential oil-yealding rose	26.3.2023	28.3.2023	ioa-23-3	6660	0,59	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-46	1,83	3 239,10	5750	-0,001	-2,95	-16,19	-59,38		0,0000	0,0000	0	0,59	rose oil	12.2.2025	13.2.2025	ioa-128-52	1,83	3 239,10	6327	0,000	-1,08	-8	-28	0,1570	0,0926	0,3168	-28	017125109239	10	11
65	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78674299	42,58878729	Рози 241117	017125109239	30-60	0,59	Essential oil-yealding rose	26.3.2023	28.3.2023	ioa-24-8	4230	0,59	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-47	1,88	3 327,60	3920	0,000	-1,03							0,59	rose oil	12.2.2025	13.2.2025	ioa-128-53	1,88	3 327,60	5006	0,001	2,58							017125109239	10	11
66	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78674299	42,58878729	Рози 241117	017125109239	60-90	0,59	Essential oil-yealding rose	26.3.2023	28.3.2023	ioa-24-17	6740	0,59	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-48	1,87	3 309,90	3050	-0,004	-12,21							0,59	rose oil	12.2.2025	13.2.2025	ioa-128-54	1,87	3 309,90	4000	-0,003	-9,07							017125109239	10	11
67	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78527269	42,58633145	Рози 241125 - 24241	016125109239	0-30	0,68	Essential oil-yealding rose	26.3.2023	28.3.2023	ioa-23-4	7150	0,68	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-43	1,83	3 733,20	6130	-0,001	-3,81	-7,76	-28,44		0,0000	0,0000	0	0,68	rose oil	12.2.2025	13.2.2025	ioa-128-49	1,83	3 733,20	6916	0,000	-0,87	5	20	0,1570	0,1068	0,3651	20	016125109239	10	11
68	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78527269	42,58633145	Рози 241125 - 24241	016125109239	30-60	0,68	Essential oil-yealding rose	26.3.2023	28.3.2023	ioa-24-7	4590	0,68	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-44	1,88	3 835,20	3710	-0,001	-3,37							0,68	rose oil	12.2.2025	13.2.2025	ioa-128-50	1,88	3 835,20	5357	0,001	2,94							016125109239	10	11
69	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78527269	42,58633145	Рози 241125 - 24241	016125109239	60-90	0,68	Essential oil-yealding rose	26.3.2023	28.3.2023	ioa-24-15	3390	0,68	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-45	1,87	3 814,80	3240	0,000	-0,57							0,68	rose oil	12.2.2025	13.2.2025	ioa-128-51	1,87	3 814,80	4279	0,001	3,39							016125109239	10	11
70	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78521276	42,58320395	Рози 241156 - 24241	019125109239	0-30	1,00	Essential oil-yealding rose	4.3.2023	6.3.2023	ioa-15-3	7540	1,00	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-25	1,83	5 490,00	5610	-0,002	-10,60	-21,64	-79,35		0,0000	0,0000	0	1,00	rose oil	12.2.2025	13.2.2025	ioa-128-40	1,83	5 490,00	8752	0,001	6,65	4	15	0,1570	0,1570	0,5369	14	019125109239	11	11
71	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78521276	42,58320395	Рози 241156 - 24241	019125109239	30-60	1,00	Essential oil-yealding rose	4.3.2023	6.3.2023	ioa-16-1	6480	1,00	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-26	1,88	5 640,00	4900	-0,002	-8,91							1,00	rose oil	12.2.2025	13.2.2025	ioa-128-41	1,88	5 640,00	5488	-0,001	-5,59							019125109239	11	11
72	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78521276	42,58320395	Рози 241156 - 24241	019125109239	60-90	1,00	Essential oil-yealding rose	4.3.2023	6.3.2023	ioa-16-12	4290	1,00	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-27	1,87	5 610,00	3910	0,000	-2,13							1,00	rose oil	12.2.2025	13.2.2025	ioa-128-42	1,87	5 610,00	4829	0,001	3,02							019125109239	11	11
73	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78441082	42,58222587	Рози 241158 - 24241	018125109239	0-30	1,40	Essential oil-yealding rose	4.3.2023	6.3.2023	ioa-15-7	10260	1,40	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-16	1,83	7 686,00	7610	-0,003	-20,37	-32,58	-119,49		0,0000	0,0000	0	1,40	rose oil	12.2.2025	13.2.2025	ioa-128-43	1,83	7 686,00	9674	-0,001	-4,50	1	5	0,1570	0,2198	0,7517	5	018125109239	11	11
74	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78441082	42,58222587	Рози 241158 - 24241	018125109239	30-60	1,40	Essential oil-yealding rose	4.3.2023	6.3.2023	ioa-16-6	6550	1,40	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-17	1,88	7 896,00	5530	-0,001	-8,05							1,40	rose oil	12.2.2025	13.2.2025	ioa-128-44	1,88	7 896,00	6837	0,000	2,27							018125109239	11	11
75	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,78441082	42,58222587	Рози 241158 - 24241	018125109239	60-90	1,40	Essential oil-yealding rose	4.3.2023	6.3.2023	ioa-16-9	5820	1,40	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-18	1,87	7 854,00	5290	-0,001	-4,16							1,40	rose oil	12.2.2025	13.2.2025	ioa-128-45	1,87	7 854,00	6291	0,000	3,70							018125109239	11	11
76	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,79454851	42,58108428	Рози 250031 - 24241	021125109239	0-30	0,87	Essential oil-yealding rose	3.3.2023	6.3.2023	ioa-15-5	8100	0,87	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-10	1,83	4 776,30	7050	-0,001	-5,02	-39,26	-143,95		0,0000	0,0000	0	0,87	rose oil	12.2.2025	13.2.2025	ioa-128-34	1,83	4 776,30	7469	-0,001	-3,01	-39	-142	0,1570	0,1366	0,4671	-142	021125109239	11	11
77	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,79454851	42,58108428	Рози 250031 - 24241	021125109239	30-60	0,87	Essential oil-yealding rose	3.3.2023	6.3.2023	ioa-16-2	4810	0,87	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-11	1,88	4 906,80	5610	0,001	3,93							0,87	rose oil	12.2.2025	13.2.2025	ioa-128-35	1,88	4 906,80	5412	0,001	2,95							021125109239	11	11
78	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000081	24241	24,79454851	42,58108428	Рози 250031 - 24241	021125109239	60-90	0,87	Essential oil-yealding rose	3.3.2023	6.3.2023	ioa-16-15	12610	0,87	Essential oil-yealding rose	19.2.2024	23.2.2024	ioa-62-12	1,87	4 880,70	4790	-0,008	-38,17							0,87	rose oil	12.2.2025	13.2.2025	ioa-128-36	1,87	4 880,70	4709	-0,008	-38,56							021125109239	11	11
79	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000082	24241	24,73542622	42,60606242	АДЪТА - 24241	005125114573	0-30	9,83	Alfalfa	19.1.2023	1.3.2023	ioa-10-1	9140	9,83	Alfalfa	14.2.2024	23.2.2024	ioa-60-7	1,83	53 966,70	8060	-0,001	-58,28	91,04	333,85	0,0422	0,4148	1,4187	332	9,83	alfalfa	10.2.2025	12.2.2025	ioa-127-4	1,83	53 966,70	10725	0,003	143,82	288	1 055	0,0422	0,4148	1,4187	1 054	005125114573	12	11
80	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000082	24241	24,73542622	42,60606242	АДЪТА - 24241	005125114573	30-60	9,83	Alfalfa	19.1.2023	1.3.2023	ioa-11-3	4260	9,83	Alfalfa	14.2.2024	23.2.2024	ioa-60-8	1,88	55 441,20	5720	0,001	80,94							9,83	alfalfa	10.2.2025	12.2.2025	ioa-127-5	1,88	55 441,20	8077	0,002	130,67							005125114573	12	11
81	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000082	24241	24,73542622	42,60606242	АДЪТА - 24241	005125114573	60-90	9,83	Alfalfa	19.1.2023	1.3.2023	ioa-11-5	3810	9,83	Alfalfa	14.2.2024	23.2.2024	ioa-60-9	1,87	55 146,30	5050	0,001	68,38							9,83	alfalfa	10.2.2025	12.2.2025	ioa-127-6	1,87	55 146,30	5290	0,000	13,24							005125114573	12	11
82	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000082	24241	24,72770499	42,60745112	ПАВЛИКЯНА ДОЛУ - 24241	002125114573	0-30	11,07	Sunflower	19.1.2023	1.3.2023	ioa-10-3	10060	11,07	Triticale	14.2.2024	23.2.2024	ioa-60-10	1,83	60 774,30	6910	-0,003	-191,44	-231,40	-848,56		0,0000	0,0000	0	11,07	rye	10.2.2025	12.2.2025	ioa-127-1	1,83	60 774,30	11346	0,001	78,16	108	396	0,0766	0,8480	2,9000	393	002125114573	12	11
83	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000082	24241	24,72770499	42,60745112	ПАВЛИКЯНА ДОЛУ - 24241	002125114573	30-60	11,07	Sunflower	19.1.2023	1.3.2023	ioa-11-2	5260	11,07	Triticale	14.2.2024	23.2.2024	ioa-60-11	1,88	62 434,80	4600	-0,001	-41,21							11,07	rye	10.2.2025	12.2.2025	ioa-127-2	1,88	62 434,80	5719	0,000	28,66							002125114573	12	11
84	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000082	24241	24,72770499	42,60745112	ПАВЛИКЯНА ДОЛУ - 24241	002125114573	60-90	11,07	Sunflower	19.1.2023	1.3.2023	ioa-11-7	4090	11,07	Triticale	14.2.2024	23.2.2024	ioa-60-12	1,87	62 102,70	4110	0,000	1,24							11,07	rye	10.2.2025	12.2.2025	ioa-127-3	1,87	62 102,70	4108	0,000	1,12							002125114573	12	11
85	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000082	24241	24,79610836	42,58862794	ЧАКЪЛА ЦЕНТЪР - 24241	004125114573	0-30	4,26	Sunflower	19.1.2023	1.3.2023	ioa-10-4	9310	4,26	Triticale	14.2.2024	23.2.2024	ioa-60-4	1,83	23 387,40	9520	0,000	4,91	-10,00	-36,66		0,0000	0,0000	0	4,26	rye	11.2.2025	12.2.2025	ioa-127-7	1,83	23 387,40	11810	0,003	58,47	138	505	0,0766	0,3263	1,1160	504	004125114573	12	11
86	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000082	24241	24,79610836	42,58862794	ЧАКЪЛА ЦЕНТЪР - 24241	004125114573	30-60	4,26	Sunflower	19.1.2023	1.3.2023	ioa-11-4	6880	4,26	Triticale	14.2.2024	23.2.2024	ioa-60-5	1,88	24 026,40	6170	-0,001	-17,06							4,26	rye	11.2.2025	12.2.2025	ioa-127-8	1,88	24 026,40	7866	0,001	23,69							004125114573	12	11
87	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000082	24241	24,79610836	42,58862794	ЧАКЪЛА ЦЕНТЪР - 24241	004125114573	60-90	4,26	Sunflower	19.1.2023	1.3.2023	ioa-11-8	5360	4,26	Triticale	14.2.2024	23.2.2024	ioa-60-6	1,87	23 898,60	5450	0,000	2,15							4,26	rye	11.2.2025	12.2.2025	ioa-127-9	1,87	23 898,60	7690	0,002	55,68							004125114573	12	11
88	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000082	24241	24,7960672	42,58426118	ЧАКЪЛА ЮГ - 24241	003125114573	0-30	4,24	Sunflower	19.1.2023	1.3.2023	ioa-10-6	8020	4,24	Triticale	14.2.2024	23.2.2024	ioa-60-1	1,83	23 277,60	7140	-0,001	-20,48	-10,28	-37,68		0,0000	0,0000	0	4,24	rye	11.2.2025	12.2.2025	ioa-127-10	1,83	23 277,60	8706	0,001	15,97	75	274	0,0766	0,3248	1,1108	273	003125114573	12	11
89	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000082	24241	24,7960672	42,58426118	ЧАКЪЛА ЮГ - 24241	003125114573	30-60	4,24	Sunflower	19.1.2023	1.3.2023	ioa-11-1	6130	4,24	Triticale	14.2.2024	23.2.2024	ioa-60-2	1,88	23 913,60	5970	0,000	-3,83							4,24	rye	11.2.2025	12.2.2025	ioa-127-11	1,88	23 913,60	7094	0,001	23,05							003125114573	12	11
90	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000082	24241	24,7960672	42,58426118	ЧАКЪЛА ЮГ - 24241	003125114573	60-90	4,24	Sunflower	19.1.2023	1.3.2023	ioa-11-6	3550	4,24	Triticale	14.2.2024	23.2.2024	ioa-60-3	1,87	23 786,40	4140	0,001	14,03							4,24	rye	11.2.2025	12.2.2025	ioa-127-12	1,87	23 786,40	5055	0,002	35,80							003125114573	12	11
91	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000083	24241	24,77751569	42,58377882	БРЕГЪТ - 24241	005125120007	0-30	8,43	Alfalfa	25.3.2023	28.3.2023	ioa-21-1	9140	8,43	Alfalfa	13.2.2024	23.2.2024	ioa-59-1	1,83	46 280,70	8500	-0,001	-29,62	111,25	407,94	0,0422	0,3557	1,2167	407	8,43	alfalfa	11.2.2025	12.2.2025	ioa-126-13	1,83	46 280,70	10736	0,002	103,48	164	601	0,0422	0,3557	1,2167	600	005125120007	10	11
92	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000083	24241	24,77751569	42,58377882	БРЕГЪТ - 24241	005125120007	30-60	8,43	Alfalfa	25.3.2023	28.3.2023	ioa-22-1	4930	8,43	Alfalfa	13.2.2024	23.2.2024	ioa-59-2	1,88	47 545,20	6540	0,002	76,55							8,43	alfalfa	11.2.2025	12.2.2025	ioa-126-14	1,88	47 545,20	6880	0,000	16,17							005125120007	10	11
93	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000083	24241	24,77751569	42,58377882	БРЕГЪТ - 24241	005125120007	60-90	8,43	Alfalfa	25.3.2023	28.3.2023	ioa-22-2	4790	8,43	Alfalfa	13.2.2024	23.2.2024	ioa-59-3	1,87	47 292,30	6150	0,001	64,32							8,43	alfalfa	11.2.2025	12.2.2025	ioa-126-15	1,87	47 292,30	7084	0,001	44,17							005125120007	10	11
94	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000083	24241	24,81425968	42,57895008	МРАНЧЕВО - 24241	008125120007	0-30	17,16	Triticale	2.3.2023	3.3.2023	ioa-14-6	9540	17,16	Rye	13.2.2024	23.2.2024	ioa-59-7	1,83	94 208,40	9770	0,000	21,67	-51,91	-190,34		0,0000	0,0000	0	17,16	triticale	11.2.2025	12.2.2025	ioa-126-16	1,83	94 208,40	12538	0,003	282,44	557	2 043	0,0766	1,3145	4,4954	2 038	008125120007	11	11
95	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000083	24241	24,81425968	42,57895008	МРАНЧЕВО - 24241	008125120007	30-60	17,16	Triticale	2.3.2023	3.3.2023	ioa-13-8	6400	17,16	Rye	13.2.2024	23.2.2024	ioa-59-8	1,88	96 782,40	5600	-0,001	-77,43							17,16	triticale	11.2.2025	12.2.2025	ioa-126-17	1,88	96 782,40	7356	0,001	92,52							008125120007	11	11
96	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000083	24241	24,81425968	42,57895008	МРАНЧЕВО - 24241	008125120007	60-90	17,16	Triticale	2.3.2023	3.3.2023	ioa-13-19	4400	17,16	Rye	13.2.2024	23.2.2024	ioa-59-9	1,87	96 267,60	4440	0,000	3,85							17,16	triticale	11.2.2025	12.2.2025	ioa-126-18	1,87	96 267,60	6291	0,002	182,04							008125120007	11	11
97	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000083	24241	24,71782998	42,6137805	ОГРАДНЯТА ЮГ - 24241	007125120007	0-30	5,08	Sunflower	1.3.2023	3.3.2023	ioa-14-1	8640	5,08	Triticale	13.2.2024	23.2.2024	ioa-59-19	1,83	27 889,20	8040	-0,001	-16,73	7,22	26,47	0,0814	0,4135	1,4142	25	5,08	rye	10.2.2025	12.2.2025	ioa-126-10	1,83	27 889,20	10363	0,002	64,79	53	193	0,0766	0,3891	1,3308	192	007125120007	11	11
98	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000083	24241	24,71782998	42,6137805	ОГРАДНЯТА ЮГ - 24241	007125120007	30-60	5,08	Sunflower	1.3.2023	3.3.2023	ioa-13-7	5530	5,08	Triticale	13.2.2024	23.2.2024	ioa-59-20	1,88	28 651,20	5610	0,000	2,29							5,08	rye	10.2.2025	12.2.2025	ioa-126-11	1,88	28 651,20	5986	0,000	10,77							007125120007	11	11
99	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000083	24241	24,71782998	42,6137805	ОГРАДНЯТА ЮГ - 24241	007125120007	60-90	5,08	Sunflower	1.3.2023	3.3.2023	ioa-13-17	4030	5,08	Triticale	13.2.2024	23.2.2024	ioa-59-21	1,87	28 498,80	4790	0,001	21,66							5,08	rye	10.2.2025	12.2.2025	ioa-126-12	1,87	28 498,80	3984	-0,001	-22,97							007125120007	11	11
100	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000083	24241	24,72970578	42,61398127	ПАВЛИКЯНА ГОРЕ - 24241	002125120007	0-30	8,35	Alfalfa	19.1.2023	1.3.2023	ioa-10-5	13100	8,35	Alfalfa	13.2.2024	23.2.2024	ioa-59-10	1,83	45 841,50	7080	-0,006	-275,97	-389,00	-1426,46		0,0000	0,0000	0	8,35	alfalfa	10.2.2025	12.2.2025	ioa-126-1	1,83	45 841,50	11865	-0,001	-56,61	-28	-102	0,0422	0,3524	1,2051	-103	002125120007	12	11
101	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000083	24241	24,72970578	42,61398127	ПАВЛИКЯНА ГОРЕ - 24241	002125120007	30-60	8,35	Alfalfa	19.1.2023	1.3.2023	ioa-12-2	7490	8,35	Alfalfa	13.2.2024	23.2.2024	ioa-59-11	1,88	47 094,00	5060	-0,002	-114,44							8,35	alfalfa	10.2.2025	12.2.2025	ioa-126-2	1,88	47 094,00	7121	0,000	-17,38							002125120007	12	11
102	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000083	24241	24,72970578	42,61398127	ПАВЛИКЯНА ГОРЕ - 24241	002125120007	60-90	8,35	Alfalfa	19.1.2023	1.3.2023	ioa-12-5	4410	8,35	Alfalfa	13.2.2024	23.2.2024	ioa-59-12	1,87	46 843,50	4440	0,000	1,41							8,35	alfalfa	10.2.2025	12.2.2025	ioa-126-3	1,87	46 843,50	5395	0,001	46,14							002125120007	12	11
103	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000083	24241	24,72526858	42,61603025	ПАВЛИКЯНА ГОРЕ - 24241	003125120007	0-30	15,77	Alfalfa	19.1.2023	1.3.2023	ioa-10-2	8240	15,77	Alfalfa	13.2.2024	23.2.2024	ioa-59-13	1,83	86 577,30	7260	-0,001	-84,85	-91,93	-337,10		0,0000	0,0000	0	15,77	alfalfa	10.2.2025	12.2.2025	ioa-126-4	1,83	86 577,30	10745	0,003	216,88	563	2 066	0,0422	0,6655	2,2760	2 064	003125120007	12	11
104	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000083	24241	24,72526858	42,61603025	ПАВЛИКЯНА ГОРЕ - 24241	003125120007	30-60	15,77	Alfalfa	19.1.2023	1.3.2023	ioa-12-1	3480	15,77	Alfalfa	13.2.2024	23.2.2024	ioa-59-14	1,88	88 942,80	3470	0,000	-0,89							15,77	alfalfa	10.2.2025	12.2.2025	ioa-126-5	1,88	88 942,80	5439	0,002	174,24							003125120007	12	11
105	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000083	24241	24,72526858	42,61603025	ПАВЛИКЯНА ГОРЕ - 24241	003125120007	60-90	15,77	Alfalfa	19.1.2023	1.3.2023	ioa-12-4	2250	15,77	Alfalfa	13.2.2024	23.2.2024	ioa-59-15	1,87	88 469,70	2180	0,000	-6,19							15,77	alfalfa	10.2.2025	12.2.2025	ioa-126-6	1,87	88 469,70	4197	0,002	172,25							003125120007	12	11
106	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000083	24241	24,72114449	42,61288081	ПАВЛИКЯНА КВАДРАТЧЕТО	004125120007	0-30	3,42	Alfalfa	19.1.2023	1.3.2023	ioa-10-7	11440	3,42	Alfalfa	13.2.2024	23.2.2024	ioa-59-16	1,83	18 775,80	9260	-0,002	-40,93	-50,46	-185,04		0,0000	0,0000	0	3,42	alfalfa	10.2.2025	12.2.2025	ioa-126-7	1,83	18 775,80	10760	-0,001	-12,77	4	14	0,0422	0,1443	0,4936	13	004125120007	12	11
107	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000083	24241	24,72114449	42,61288081	ПАВЛИКЯНА КВАДРАТЧЕТО	004125120007	30-60	3,42	Alfalfa	19.1.2023	1.3.2023	ioa-12-3	6460	3,42	Alfalfa	13.2.2024	23.2.2024	ioa-59-17	1,88	19 288,80	7070	0,001	11,77							3,42	alfalfa	10.2.2025	12.2.2025	ioa-126-8	1,88	19 288,80	8153	0,002	32,66							004125120007	12	11
108	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000083	24241	24,72114449	42,61288081	ПАВЛИКЯНА КВАДРАТЧЕТО	004125120007	60-90	3,42	Alfalfa	19.1.2023	1.3.2023	ioa-12-6	5630	3,42	Alfalfa	13.2.2024	23.2.2024	ioa-59-18	1,87	19 186,20	4520	-0,001	-21,30							3,42	alfalfa	10.2.2025	12.2.2025	ioa-126-9	1,87	19 186,20	4789	-0,001	-16,14							004125120007	12	11
109	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000083	24241	24,79882486	42,59177438	ЧАКЪЛА СЕВЕР - 24241	006125120007	0-30	2,74	Sunflower	3.3.2023	6.3.2023	ioa-15-4	10500	2,74	Triticale	13.2.2024	23.2.2024	ioa-59-4	1,83	15 042,60	8720	-0,002	-26,78	-10,80	-39,59		0,0000	0,0000	0	2,74	rye	11.2.2025	12.2.2025	ioa-126-19	1,83	15 042,60	12466	0,002	29,57	45	167	0,0766	0,2099	0,7178	166	006125120007	11	11
110	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000083	24241	24,79882486	42,59177438	ЧАКЪЛА СЕВЕР - 24241	006125120007	30-60	2,74	Sunflower	3.3.2023	6.3.2023	ioa-16-5	6080	2,74	Triticale	13.2.2024	23.2.2024	ioa-59-5	1,88	15 453,60	7870	0,002	27,66							2,74	rye	11.2.2025	12.2.2025	ioa-126-20	1,88	15 453,60	8334	0,002	34,83							006125120007	11	11
111	17.1.2023	CSBG-42SC-22/27-AGRI-1-2-3-GF	0000000083	24241	24,79882486	42,59177438	ЧАКЪЛА СЕВЕР - 24241	006125120007	60-90	2,74	Sunflower	3.3.2023	6.3.2023	ioa-16-10	6520	2,74	Triticale	13.2.2024	23.2.2024	ioa-59-6	1,87	15 371,40	5760	-0,001	-11,68							2,74	rye	11.2.2025	12.2.2025	ioa-126-21	1,87	15 371,40	5289	-0,001	-18,92							006125120007	11	11

Note:

[1] In case of area reduction. calculations are made on the basis of current hectares.

[2] The volumetric density is examined once. during the first control year. and is used for calculation until the end of the monitoring period.

[3] Clarification:
2 CONTROL YEAR (-) 1 CONTROL YEAR aply to cells whit registered positive results in control 1
2 CONTROL YEAR (-) BASE YEAR aply to cells with registered negative results in control 1

[4] 1 t sequestered organic carbon (OC) in the soil (=) 3.667 t. removed carbon dioxide (CO2) from the atmosphere in the soil (=) 3.667 carbon credits. (See Methodology).

[5] Average fuel consumption (tons/ha) is calculated according to the "METHODOLOGY of the MZM".

[6] 1l of diesel is equal to 36 MJ (Ordinance No. H-18 of August 8, 2016). 1MJ is equivalent to 95.1 g CO2 (Methodology for determining the intensity of greenhouse gas emissions from the entire life cycle of fuels and energy of non-biological origin in transport). Therefore 36 * 95.1 / 1000 = 3.42 (See Methodology).

[7] 1 t. removed carbon dioxide (CO2) from the atmosphere (=) 0.27248 t. sequestered organic carbon (OC) in the soil (=) 1 carbon credit. (See Methodology).

[8] In relation to Validation Report CS.VAL.24.11, p.33, sub-section 3.6 Quantification of GHG Emission Reductions and Carbon Dioxide Removals, 3.6.1 Accuracy of Reduction and Removal Calculation, text "At the end of the crediting period, SOC levels may have risen, remained constant, or declined, as determined by evaluating the overall balance at the project participant level. Any reduction in SOC levels observed after the project's conclusion was categorized as a leakage. ":
1) calculations related to the first control year remains the same as they were verified;
2) calculations related to second control year are condudted based on overall balance - sum of the results of all cells, positive and negative.

* equal to ISACO2 ID 1779, 1780, 1781

[9] Sources of uncertainty = 20,7 %
1. Sampling 15 % Sampling uncertainty is estimated using the RANOVA 3 approach based on Analysis of Variance (ANOVA). The total variability is partitioned into between-sample and within-sample variance components. The between-sample variance represents the sampling effect, which is then used to quantify the sampling uncertainty as a

2. Organic carbon analysis 8,4 % and 3. Bulk density analysis 10,3 %:
Uncertainty for organic carbon and bulk density is estimated by combining precision, recovery, and bias components. The mean (average) and standard deviation are first calculated to describe repeatability. Relative standard uncertainty, u(x) (%), is derived from the standard deviation.
Recovery (yield, %) is used to assess method performance, and bias (%) is calculated as the deviation from the reference value. The standard uncertainty of bias (S bias) is determined from replicate measurements.
The combined bias uncertainty is then calculated as:
$U\_bias = \sqrt{S\_bias^2 + U\_ccm^2 + u(x)^2}$
where U_ccm represents the uncertainty of the reference or certified material.
Finally, the combined standard uncertainty (U) is expanded using a coverage factor k = 2 to obtain the expanded uncertainty, corresponding to approximately 95% confidence.

4. Software (Google Earth) 5 % Google Earth does not provide a formally specified measurement uncertainty. Published studies indicate positional accuracy on the order of tens of meters (e.g., ~50 m RMSE globally). Therefore, uncertainty associated with spatial measurements is estimated based on literature values and the scale of the measured features.

	Name	Code	Date
Prepared:	D. KIROVA	DK0722CS	25.4.2025
Checked:	K. SEMERDZHIEVA	KS0223CS	25.4.2025
Edited:	K. SEMERDZHIEVA	KS0223CS	13.5.2026
Edited:	K. SEMERDZHIEVA	KS0223CS	20.6.2026