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Form PR0205

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

1. Farmer /Agricultural producer - Legal Entity /FLE/:

2. EBC	6	Net amount (tons) of sequestered organic carbon (OC) for the reporting period (note 7)	51	Net amount of removed emissions of greenhouse gas carbon dioxide CO ₂	187	Buffer 5% of credits	9
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Cell data										Data from Basic soil sample, BASE YEAR					Data from Control soil sample, 1 CONTROL YEAR					Data of differences: 1 CONTROL YEAR (-) BASE YEAR					Data on fuel emission footprint from production equipment					Net amount of removed emissions of greenhouse gas carbon dioxide CO ₂		
No	Contract date (dd/mm/yy)	Contract No	ISAC02 ID	EKATTE on land	Latitude	Longitude	Plot name	Cell ID	Depth	Area (note 1)	Crop	Date of sampling	Date of acceptance in Laboratory	LAB No	Measured organic carbon (OC)	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)	Percent content (OC) in soil	Total percentage content (OC) in the soil (note 3)	Gross amount of removed greenhouse gas emissions Carbon dioxide CO ₂ (note 4)	Average fuel consumptio n (note 5)	Total fuel consumption per cell		Total fuel consumption CO ₂ equivalent (note 6)	
																																cm
1	2.2.2023	CSBG-41SW-22/27.AGR0-0007	18025	48324	42.68658633	24.00011772	Evenesc	2140701	0-30	7,76	Barley	16.2.2023	27.2.2023	iso-3-14	0,91	7,76	Fallow areas	20.3.2024	25.3.2024	iso-71-4	1,56	36.314,15	0,96	0,05	51,55	18,16	189,05	0,08	1,66	187		
2	2.2.2023	CSBG-41SW-22/27.AGR0-0007	18025	48324	42.68658633	24.00011772	Evenesc	2140701	30-60	7,76	Barley	16.2.2024	27.2.2024	iso-5-37	0,36	7,76	Fallow areas	20.3.2024	25.3.2024	iso-71-5	1,74	40.504,24	0,51	0,15		66,76	-125,89	-461,64	-	-	-	-
3	2.2.2023	CSBG-41SW-22/27.AGR0-0007	18025	48324	42.68658633	24.00011772	Evenesc	2140701	60-90	7,76	Barley	16.2.2023	27.2.2023	iso-6-14	0,70	7,76	Fallow areas	20.3.2024	25.3.2024	iso-71-6	1,66	38.641,90	0,25	0,53		-294,80						
4	2.2.2023	CSBG-41SW-22/27.AGR0-0007	18025	67636	42.64152626	23.97577262	Evenesc	2140671	0-30	8,11	Barley	17.2.2023	27.2.2023	iso-3-5	2,71	8,11	Onion	21.3.2024	25.3.2024	iso-71-10	1,62	39.421,93	1,08	-0,05		-335,09						
5	2.2.2023	CSBG-41SW-22/27.AGR0-0007	18025	67636	42.64152626	23.97577262	Evenesc	2140671	30-60	8,11	Barley	17.2.2023	27.2.2023	iso-5-17	1,96	8,11	Onion	21.3.2024	25.3.2024	iso-71-11	1,51	36.745,13	1,46	-0,50		-163,73	-359,18	-1317,10	-	-	-	-
6	2.2.2023	CSBG-41SW-22/27.AGR0-0007	18025	67636	42.64152626	23.97577262	Evenesc	2140671	60-90	8,11	Barley	17.2.2023	27.2.2023	iso-6-26	0,80	8,11	Onion	21.3.2024	25.3.2024	iso-71-12	1,64	39.906,61	0,30	0,40		159,63						
7	2.2.2023	CSBG-41SW-22/27.AGR0-0007	18025	67636	42.63945688	23.97730444	Moyra	2140661	0-30	5,16	Sunflower	17.2.2023	27.2.2023	iso-4-12	1,75	5,16	Soft wheat	21.3.2024	25.3.2024	iso-71-33	1,62	25.094,15	1,61	-0,11		-27,60						
8	2.2.2023	CSBG-41SW-22/27.AGR0-0007	18025	67636	42.63945688	23.97730444	Moyra	2140661	30-60	5,16	Sunflower	17.2.2023	27.2.2023	iso-5-16	0,80	5,16	Soft wheat	21.3.2024	25.3.2024	iso-71-34	1,51	23.290,23	1,07	0,17		29,76	-33,57	-123,09	-	-	-	-
9	2.2.2023	CSBG-41SW-22/27.AGR0-0007	18025	67636	42.63945688	23.97730444	Moyra	2140661	60-90	5,16	Sunflower	17.2.2023	27.2.2023	iso-6-16	0,76	5,16	Soft wheat	21.3.2024	25.3.2024	iso-71-35	1,64	26.403,95	0,58	-0,18		-45,73						
10	2.2.2023	CSBG-41SW-22/27.AGR0-0007	18025	48324	42.68678718	24.02979554	Иза Консвациони в Есна	2140711	0-30	9,77	Single-crocin seedling	14.2.2023	27.2.2023	iso-2-10	1,77	9,77	Sunflower	20.3.2024	25.3.2024	iso-71-1	1,56	45.741,97	1,61	-0,16		-73,19						
11	2.2.2023	CSBG-41SW-22/27.AGR0-0007	18025	48324	42.68678718	24.02979554	Иза Консвациони в Есна	2140711	30-60	9,77	Single-crocin seedling	14.2.2023	27.2.2023	iso-5-10	1,36	9,77	Sunflower	20.3.2024	25.3.2024	iso-71-2	1,74	51.030,89	1,19	-0,07		-38,71	-99,17	-363,64	-	-	-	-
12	2.2.2023	CSBG-41SW-22/27.AGR0-0007	18025	48324	42.68678718	24.02979554	Иза Консвациони в Есна	2140711	60-90	9,77	Single-crocin seedling	14.2.2023	27.2.2023	iso-6-33	0,74	9,77	Sunflower	20.3.2024	25.3.2024	iso-71-3	1,66	48.674,15	0,76	0,02		9,73						
13	2.2.2023	CSBG-41SW-22/27.AGR0-0007	18025	48324	42.66179298	23.98953471	Рва	2140681	0-30	6,83	Rye	16.2.2023	27.2.2023	iso-3-12	1,40	6,83	Sunflower	21.3.2024	25.3.2024	iso-71-16	1,56	29.610,78	1,52	0,12		35,53						
14	2.2.2023	CSBG-41SW-22/27.AGR0-0007	18025	48324	42.66179298	23.98953471	Рва	2140681	30-60	6,83	Rye	16.2.2023	27.2.2023	iso-5-38	1,42	6,83	Sunflower	21.3.2024	25.3.2024	iso-71-17	1,74	51.027,41	1,06	-0,10		-42,25	51,55	109,045	0,0766	0,4847	1,6575	187
15	2.2.2023	CSBG-41SW-22/27.AGR0-0007	18025	48324	42.66179298	23.98953471	Рва	2140681	60-90	6,83	Rye	16.2.2023	27.2.2023	iso-6-12	0,71	6,83	Sunflower	21.3.2024	25.3.2024	iso-71-18	1,66	31.508,91	0,96	0,25		78,77						
16	2.2.2023	CSBG-41SW-22/27.AGR0-0007	18025	48324	42.68122862	23.99906792	Рва	2140691	0-30	10,13	Rye	16.2.2023	27.2.2023	iso-3-13	1,10	10,13	Onion	20.3.2024	25.3.2024	iso-71-7	1,56	47.409,11	0,91	-0,10		-90,08						
17	2.2.2023	CSBG-41SW-22/27.AGR0-0007	18025	48324	42.68122862	23.99906792	Рва	2140691	30-60	10,13	Rye	16.2.2023	27.2.2023	iso-5-25	1,01	10,13	Onion	20.3.2024	25.3.2024	iso-71-8	1,74	52.879,39	0,63	-0,58		-306,70	-381,64	-1399,49	-	-	-	-
18	2.2.2023	CSBG-41SW-22/27.AGR0-0007	18025	48324	42.68122862	23.99906792	Рва	2140691	60-90	10,13	Rye	16.2.2023	27.2.2023	iso-6-8	0,19	10,13	Onion	20.3.2024	25.3.2024	iso-71-9	1,66	50.448,15	0,22	0,03		35,13						

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] Only cells with reported increases in (OC) levels are reported in a monitoring report.
[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 (ton/ha) is calculated according to the "METHODOLGY of the MPR".
[6] 1 l of diesel is equal to 36 MJ (Ordinance No. 10-18 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).

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