

Calculation of emissions leakage (t CO₂ eq)

1 Project:	BCCR-6-00002-AGRI-Carbonsafe carbon farming project – South Bulgaria - CSBG-BG-5		
2 Project code:	CSBG-BG-5		
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):	20.3.2024 K1	Retrospective date	
7 Farm soil sampling end date for reporting period (dd/mm/yyyy):	21.3.2025 K2	In period	
8 Farm contract date (dd/mm/yyyy):	02.2.2023		
9 Farmer (Legal Entity):	ZP BORIS EMILOV YOTIN		
10 UIC:	179643717		

1 Emissions from leakage (t CO ₂ eq)	2
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НАЙ-НИСКИЯТ ДОБИВ ОТ ТРИТЕ СТОЙНОСТИ/LOWEST YIELD OF THE THREE VALUES											ЦЕЛОВО ЖЕЛАН ИКОНОМИЧЕСКИ ДОБИВ КГ/ДКА ОТ ФЕРМЕРА											
№	Дата на договор	Договор №	ЕРП-ИД на стопанство	Култури 5 години преди участието в проекта	Среден добив по култури в кг/ха база за изчисления преди проект	Култури в програмата	Желан добив кг/ха	Реализиран добив ТК кг/ха 2023-2024 БАЗА-К1	Y(95%) кг Парг, под който започват санкциите	Y(95%) %	Намаление на среден добив кг/ха	Ср. добив кг/дка по статистика Район на планиране NUTS 2	Регионален ср. добив кг/дка по Общини	Целево желан икономически добив кг/дка от фермера	"Липсваща продукция" кг под прага	Площ ха	"Липсваща" продукция тон	EFcrop (за 1 тон продукция tCO ₂ e) реално изчисление от sheet N ₂ O to CO ₂ IPCC	Изместване на емисии tCO ₂ e другите	(β) Стандартен коефициент за пазарен теч 20%	tCO ₂ за намаление	
No	Contract date (dd/mm/yyyy)	Contract No	ERP farm ID*	Crops 5 years before participation in the project	Average yield by crops in kg/ha basis for pre-project calculations	Crops in the program	"Desired yield kg/ha"	Realized yield TM kg/ha 2023-2024 BASE-K1	"Y(95%) kg Minimum threshold for sanctions"	Y(95%) %	Reduction in average yield kg/ha	Avg. yield kg/ha by statistics Planning area NUTS 2	Regional average yield kg/ha by Municipality	Target desired economic yield kg/ha by the farmer	"Missing production" kg below the threshold	Area ha	"Missing" production ton	"EFcrop (for 1 ton of production tCO ₂ e) real calculation from sheet N ₂ O to CO ₂ IPCC"	Displacement of emissions tCO ₂ e leakage	(β) Standard market leakage factor 20%	tCO ₂ reduction	
																					1,08	
1	2.2.2023	CSBG-41SW-22/27-AGRI-0008	0000000088	Alfalfa	4 000,00	Alfalfa	8000	4000	3 800,00	100,00%	NO	4 068				0,000	5,96	0,000	0,13	0,000	0,2	0,00
2	2.2.2023	CSBG-41SW-22/27-AGRI-0008	0000000088	Barley	1 400,00	Barley	4000	2000	1 330,00	142,86%	NO	3 363				0,000	30,43	0,000	0,03	0,000	0,2	0,00
3	2.2.2023	CSBG-41SW-22/27-AGRI-0008	0000000088	Fallow areas	0,00	Fallow areas	0	0	0,00	0,00%	YES	0				0,000	5,93	0,000	0,00	0,000	0,2	0,00
4	2.2.2023	CSBG-41SW-22/27-AGRI-0008	0000000088	Permanent or temporary pastures for grazing animals	2 000,00	Permanent or temporary pastures for grazing animals	0	0	1 900,00	0,00%	YES	2 786				2786,000	36,10	100,575	0,05	5,388	0,2	1,08
5	2.2.2023	CSBG-41SW-22/27-AGRI-0008	0000000088	Rye	1 400,00	Rye	3000	2800	1 330,00	200,00%	NO	1 720				0,000	8,72	0,000	0,02	0,000	0,2	0,00
6	2.2.2023	CSBG-41SW-22/27-AGRI-0008	0000000088	Soft wheat	1 240,00	Soft wheat	4000	2000	1 178,00	161,29%	NO	3 905				0,000	61,30	0,000	0,02	0,000	0,2	0,00
7	2.2.2023	CSBG-41SW-22/27-AGRI-0008	0000000088	Sunflower	440,00	Sunflower	2500	1200	418,00	272,73%	NO	1 369				0,000	57,95	0,000	0,08	0,000	0,2	0,00
8	2.2.2023	CSBG-41SW-22/27-AGRI-0008	0000000088	N/A		Onion	12450	0	0,00								20,86					
9	2.2.2023	CSBG-41SW-22/27-AGRI-0008	0000000088	Einkorn/Spelt	1 366,67	N/A																
10	2.2.2023	CSBG-41SW-22/27-AGRI-0008	0000000088	Other cereals / teff/	1 100,00	N/A																
11	2.2.2023	CSBG-41SW-22/27-AGRI-0008	0000000088	Potatoes	9 750,00	N/A																
12	2.2.2023	CSBG-41SW-22/27-AGRI-0008	0000000088	OIL-BEARING ROSE	500,00	N/A																
13	2.2.2023	CSBG-41SW-22/27-AGRI-0008	0000000088	Two-Gain Einkorn/Spelt	1 100,00	N/A																
14	2.2.2023	CSBG-41SW-22/27-AGRI-0008	0000000088	Winter Triticale	1 133,33	N/A																
15	2.2.2023	CSBG-41SW-22/27-AGRI-0008	0000000088	Meadows for mowing	2 000,00	N/A																
16	2.2.2023	CSBG-41SW-22/27-AGRI-0008	0000000088	Corn for grain	600,00	N/A																

	Name	Code	Date
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