

Outgoing Ref. No. 10.05.2024
(filled in by CARBONSAFE)

Monitoring report from on-the-spot inspection

Data of the operator: CSBG-33NE-22/27-AGRI-0004/18.01.2023

Natural person	☐	Legal entity	☒
DATA OF THE NATURAL PERSON (filled in by Natural persons only)			
Name:			
Personal ID No.:			
Telephone:			
e-mail:			
DATA OF THE LEGAL ENTITY (filled in by Legal entities only)			
Name:		APLEND BULAGRIA EOOD	
UIC/BULSTAT:		203578940	
Telephone:			
e-mail:			

No. in row	Scope of monitoring	Report
1	Grounds for conducting <i>(According to the annual plan, etc.)</i>	Contract No. CSBG-33NE-22/27-AGRI-0004/18.01.2023 for the implementation of a project under the CARBONSAFE carbon program.
2	Inspector <i>(Name, surname)</i>	Hristo Nikolov
3	Purpose of the monitoring <i>(Inspection of the strategy performance)</i>	Assessment of the actual condition of the areas participating in the program.
4	Method of conducting <i>(Direct observations, interviews with responsible officials, inspection of available/submitted records on the workplaces, by a representative sample)</i>	On-site visits, interview conducted with the farmer.
5	Results/findings <i>(description of the actual situation)</i>	The farm partially implements the agricultural practices set out in the individual strategy.
6	Submitted documents/records and other findings <i>(descriptions of provided materials)</i>	IN-24.05.01-23-24-ПР0104-Технологична карта v1 22.06.23 АПЛЕНД БЪЛГАРИЯ ЕООД - ПШЕНИЦА.xls IN-24.05.01-23-24-ПР0104-Технологична карта v1 22.06.23 АПЛЕНД БЪЛГАРИЯ ЕООД слънчоглед.xls IN-24.05.01-23-24-ПР0104-Технологична карта v1 22.06.23 АПЛЕНД БЪЛГАРИЯ ЕООД царевица.xls IN-24.05.01-23-24-ПР0104-Технологична карта v1 22.06.23 АПЛЕНД БЪЛГАРИЯ ЕООД

		царевица стрип тех.xls
7	Established deviations and proposed corrective actions (<i>description of the actual situation</i>)	During the on-site visit, deviations from the agrotechnical measures set out in the individual strategy were found in the following fields: Angelov Block - 72196 Dobrin Novoto - 21470 Faytona - 21470 Blagovets - 21470 Dalgata - 21470 Tyuncher Dalechnoto - 14043 Koriten 11 - 14043 Dalgia Bair - 14043 The areas have been plowed, lack soil cover, and are subjected to wind, water erosion, and oxidation. This type of treatment leads to the loss of a significant amount of soil carbon.
8	General evaluation, conclusions and recommendations.	Such treatments should be avoided and may only be carried out when necessary and with the approval of the agronomists of the CARBONSAFE carbon program. For the remaining fields, intermediate and cover crops have not developed sufficiently due to poor weather conditions. During the reporting period, there were long periods of drought and insufficient moisture, which hindered the proper development of the crops, resulting in reduced or no carbon accumulation in the soil. It is recommended to use organic fertilizers, soil improvers, and biostimulants to improve soil health and fertility. The overall assessment is that the farm follows the prescribed practices in the individual strategy with some exceptions.

INSTRUCTIONS:

- **Recommended soil treatments:** Vertical treatments for mixing plant residues every 2-3 years, depending on weather conditions.
- **Prohibited soil treatments:** Plowing and overturning of soil layers.

GUIDELINES:

- **Summer period from June 1 to October 31:** Areas must have minimal soil cover, and plowing and overturning of soil layers are not allowed.
- **Winter period from November 1 to February 15:** Areas must have minimal soil cover, and plowing and overturning of soil layers are not allowed.

OBLIGATIONS:

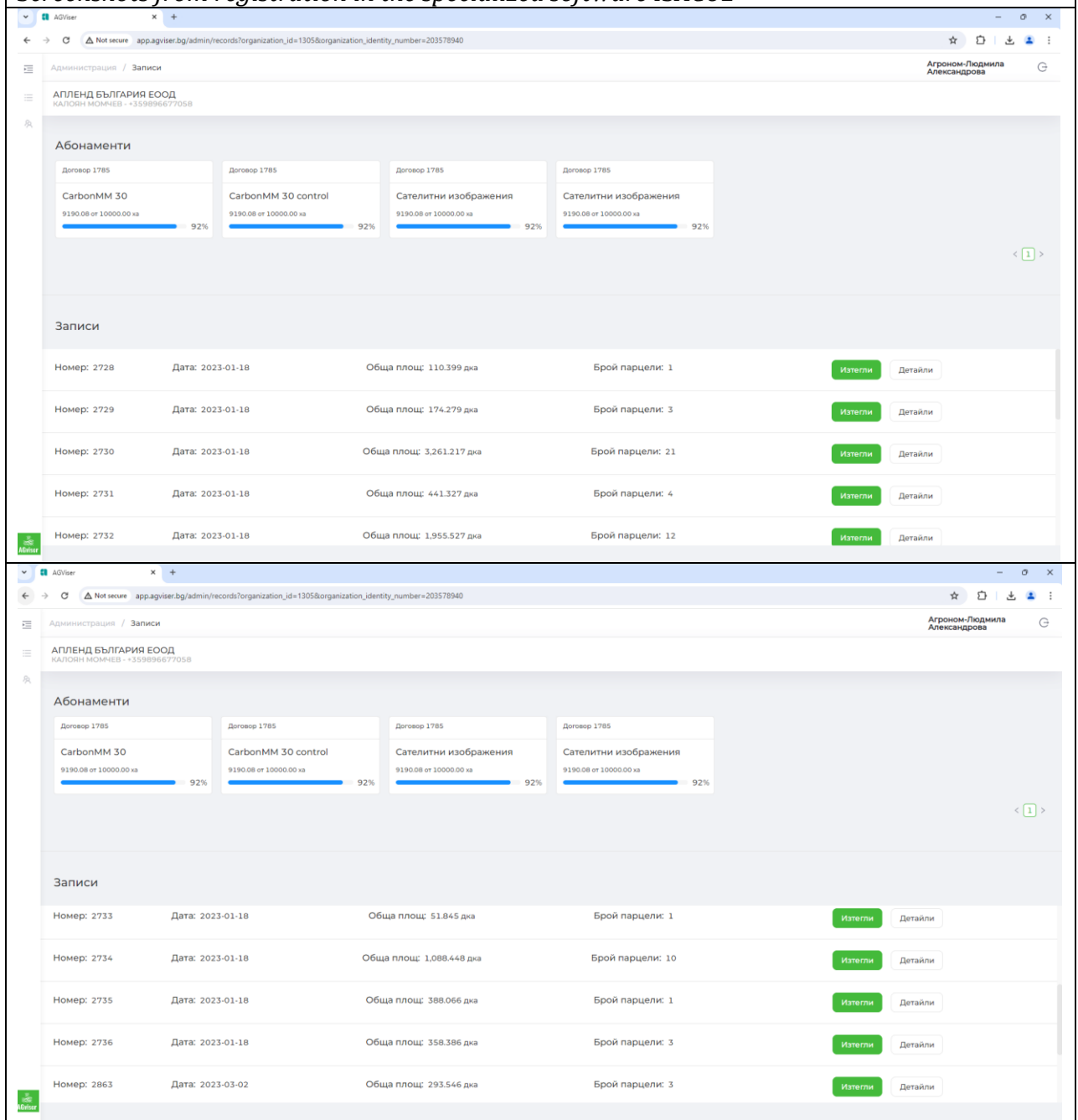
- **Every activity, including soil treatments, must be recorded with the corresponding execution dates in the technological map.**

Date 10.05.2024

Agronomist: Hristo Nikolov
(name, surname, signature)

Attached photographic material:

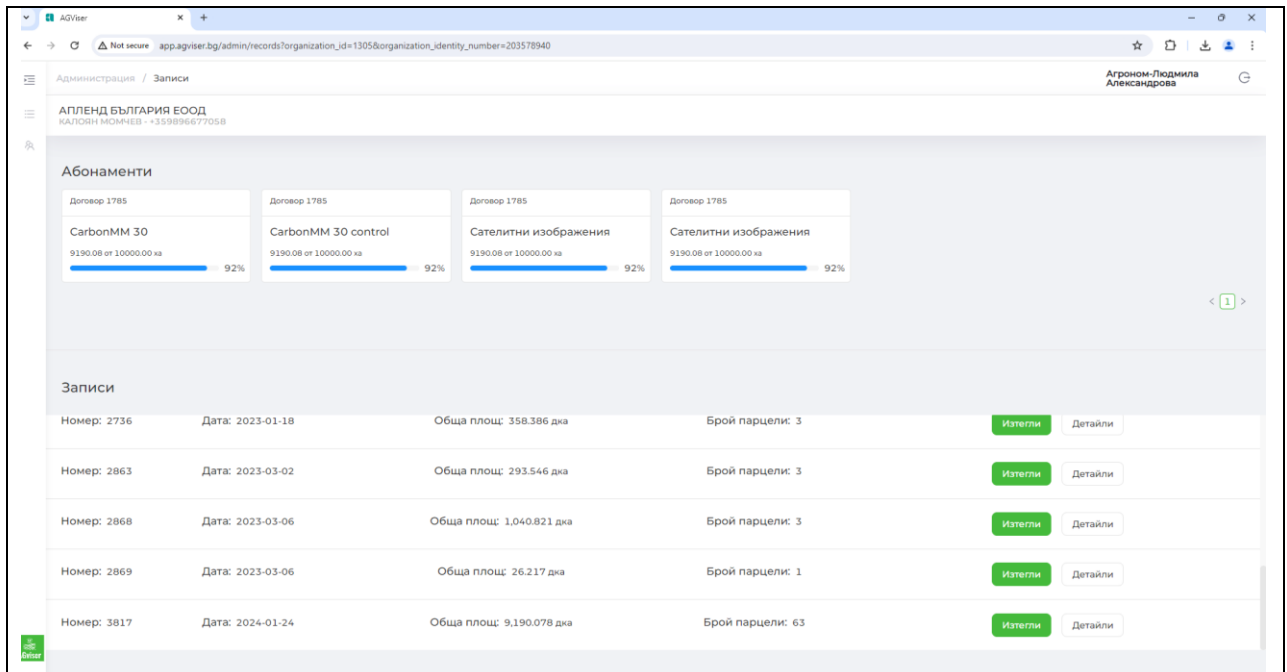
Screenshots from registration in the specialized software ISACO2



The screenshots show the ISACO2 software interface. The top screenshot displays a list of contracts (Договор 1785) with details for CarbonMM 30, CarbonMM 30 control, and Satellite images, all showing a 92% completion rate. Below this is a table of records (Записи) with columns for Number, Date, Total area, and Parcel count. The bottom screenshot shows a similar view but with a different set of records, including a new entry with number 2863 dated 2023-03-02.

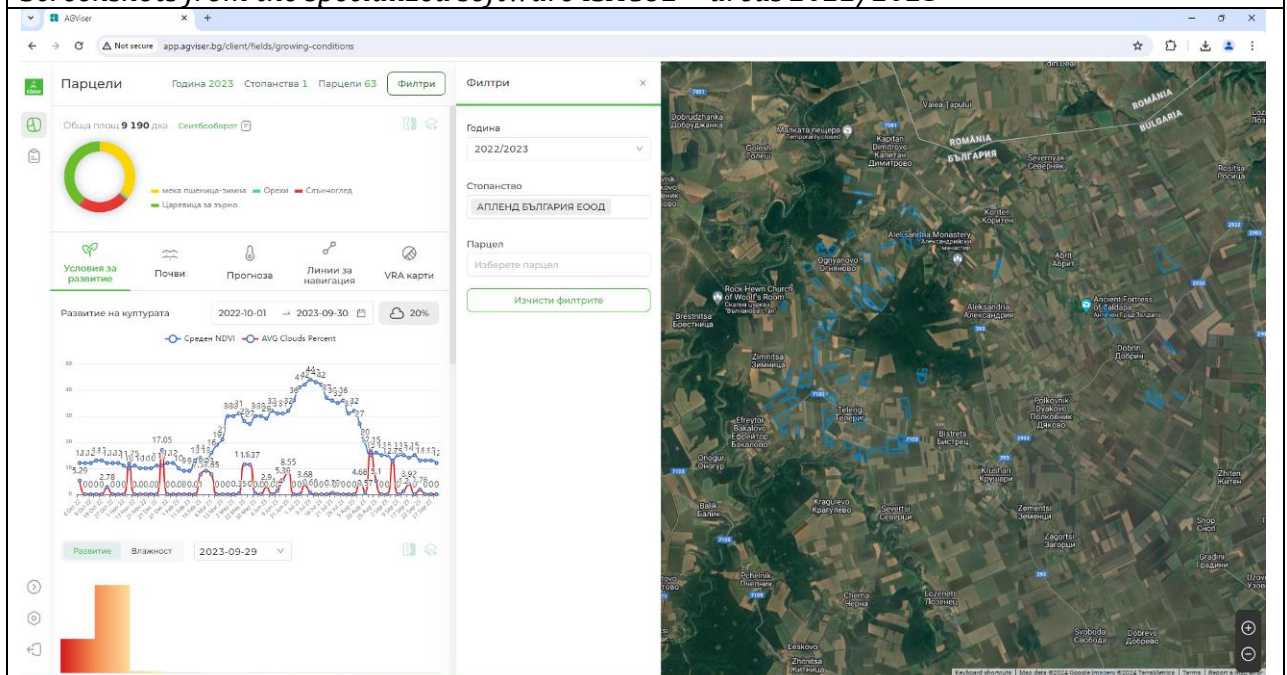
Номер	Дата	Обща площ	Брой парцели	Изтегли	Детайли
2728	2023-01-18	110.399 дка	1	Изтегли	Детайли
2729	2023-01-18	174.279 дка	3	Изтегли	Детайли
2730	2023-01-18	3.261.217 дка	21	Изтегли	Детайли
2731	2023-01-18	441.327 дка	4	Изтегли	Детайли
2732	2023-01-18	1.955.527 дка	12	Изтегли	Детайли

Номер	Дата	Обща площ	Брой парцели	Изтегли	Детайли
2733	2023-01-18	51.845 дка	1	Изтегли	Детайли
2734	2023-01-18	1.088.448 дка	10	Изтегли	Детайли
2735	2023-01-18	388.066 дка	1	Изтегли	Детайли
2736	2023-01-18	358.386 дка	3	Изтегли	Детайли
2863	2023-03-02	293.546 дка	3	Изтегли	Детайли

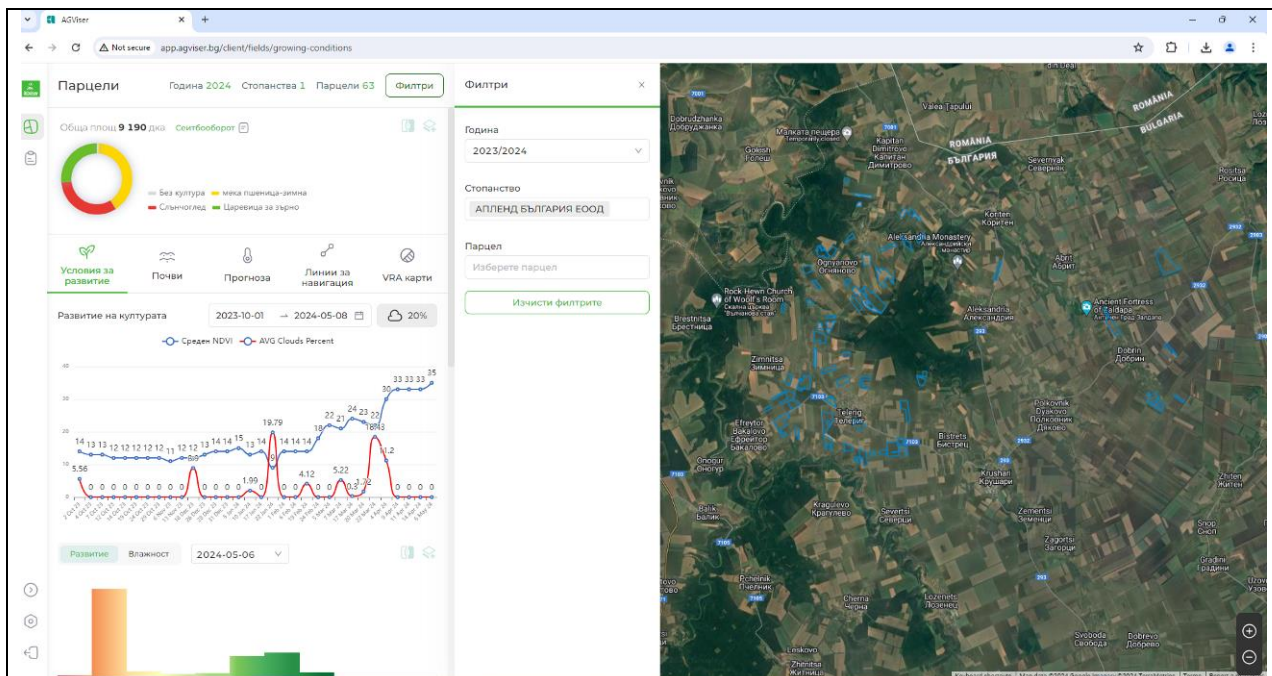


Номер	Дата	Обща площ	Брой парцели	Изглед	Детайли
2736	2023-01-18	358.386 дка	3	Изглед	Детайли
2863	2023-03-02	293.546 дка	3	Изглед	Детайли
2868	2023-03-06	1,040.821 дка	3	Изглед	Детайли
2869	2023-03-06	26.217 дка	1	Изглед	Детайли
3817	2024-01-24	9,190.078 дка	63	Изглед	Детайли

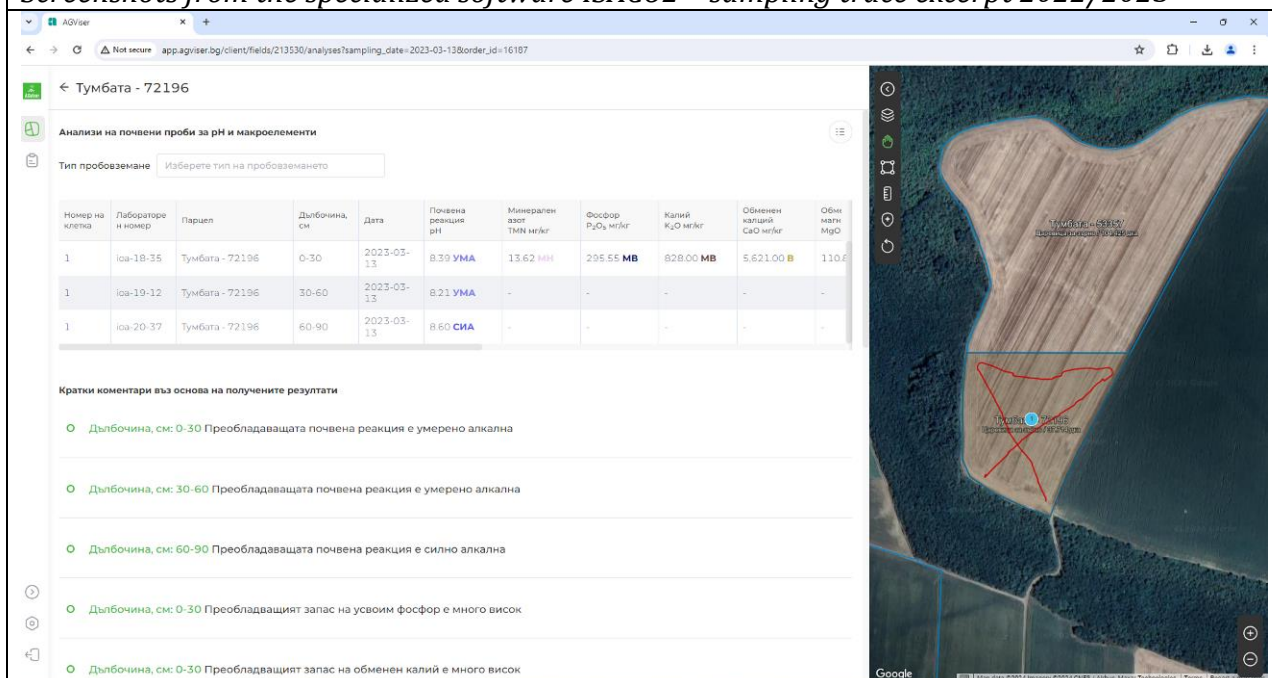
Screenshots from the specialized software ISAC02 – areas 2022/2023



Screenshots from the specialized software ISAC02 – areas 2023/2024



Screenshots from the specialized software ISAC02 – sampling trace excerpt 2022/2023



Screenshots from the specialized software ISAC02 – sampling trace excerpt 2023/2024

ASViewer x +

app.agruser.bg/client/fields/213530/analyses?sampling_date=2024-02-23&order_id=18704

Тумбата - 72196

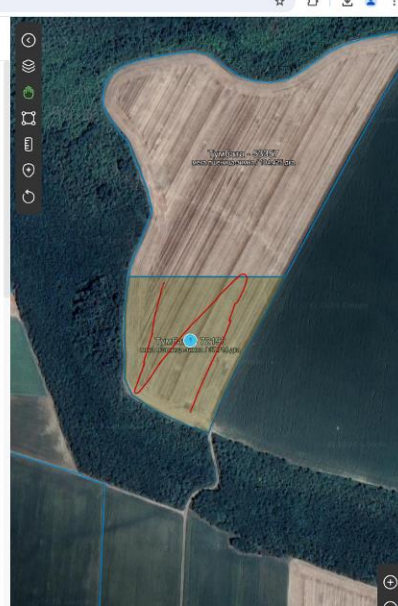
Анализ на почвени проби за pH и макроелементи

Тип пробоземане: Изберете тип на пробоземането

Номер на клетка	Лаборатория и номер	Парцел	Дълбочина, см	Дата	Почвена реакция pH	Минерален азот TМN мг/кг	Фосфор P ₂ O ₅ мг/кг	Калий K ₂ O мг/кг	Обменен калий CaO мг/кг	Обменен MgO
1	ios-54-94	Тумбата - 72196	0-30	2024-02-23	7.73 СЛА	1,123.44 MB	79.00 B	346.75 B	4,071.45 B	248.4
1	ios-54-95	Тумбата - 72196	30-60	2024-02-23	7.67 СЛА	-	-	-	-	-
1	ios-54-96	Тумбата - 72196	60-90	2024-02-23	7.96 УМА	-	-	-	-	-

Кратки коментари въз основа на получените резултати

- Дълбочина, см: 0-30 Преобладаващата почвена реакция е слабо алкална
- Дълбочина, см: 30-60 Преобладаващата почвена реакция е слабо алкална
- Дълбочина, см: 60-90 Преобладаващата почвена реакция е умерено алкална
- Дълбочина, см: 0-30 Преобладаващият запас на усвоим фосфор е удовлетворителен
- Дълбочина, см: 0-30 Преобладаващият запас на обменен калий е висок



Screenshots from the specialized software ISAC02 – sampling trace excerpt 2022/2023

ASViewer x +

app.agruser.bg/client/fields/213541/analyses?sampling_date=2023-02-24&order_id=16187

Пясъка - 72196

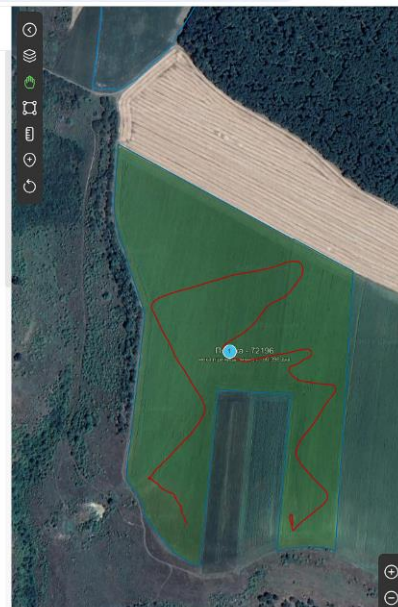
Анализ на почвени проби за pH и макроелементи

Тип пробоземане: Изберете тип на пробоземането

Номер на клетка	Лаборатория и номер	Парцел	Дълбочина, см	Дата	Почвена реакция pH	Минерален азот TМN мг/кг	Фосфор P ₂ O ₅ мг/кг	Калий K ₂ O мг/кг	Обменен калий CaO мг/кг	Обменен MgO
1	ios-1-5	Пясъка - 72196	0-30	2023-02-24	7.19 НЕУ	15.12 MN	349.60 MB	540.00 MB	6,902.00 B	152.5
1	ios-1-23	Пясъка - 72196	30-60	2023-02-24	7.21 НЕУ	-	-	-	-	-
1	ios-1-32	Пясъка - 72196	60-90	2023-02-24	7.47 СЛА	-	-	-	-	-

Кратки коментари въз основа на получените резултати

- Дълбочина, см: 0-30 Преобладаващата почвена реакция е неутрална
- Дълбочина, см: 30-60 Преобладаващата почвена реакция е неутрална
- Дълбочина, см: 60-90 Преобладаващата почвена реакция е слабо алкална
- Дълбочина, см: 0-30 Преобладаващият запас на усвоим фосфор е много висок
- Дълбочина, см: 0-30 Преобладаващият запас на обменен калий е много висок



Screenshots from the specialized software ISAC02 – sampling trace excerpt 2023/2024

Screenshots from the specialized software ISAC02 – loaded results from laboratory tests 2022/2023

*Screenshots from the specialized software ISAC02 – loaded results from laboratory tests
2023/2024*

Screenshots from the specialized software ISAC02 – loaded results from laboratory tests 2022/2023

*Screenshots from the specialized software ISACO2 – loaded results from laboratory tests
2023/2024*

Photographic material from the on-site visit

Integrated quality and environmental management system
BDS EN ISO 9001:2015 / BDS EN ISO 14001:2015

		
<i>Синджикран 3 - 72196</i>	<i>Чичо Коста петковото - 72196</i>	<i>Дядо балчо - 72196</i>
		
<i>Зебил - 72196</i>	<i>Бостаните - 72196</i>	<i>Параурман - 04193</i>
		
<i>До гората - 72196</i>	<i>Отул милен - 53357</i>	<i>Радев блок матеев - 72196</i>

