



Certificate

MPS-ECAS awards this certificate in accordance with the certification standard MPS-ABC version 16.2, to:

**Gartneriet Lundegaard ApS
Espestok 54Gl. Korup
5210 ODENSE
Denmark
MPS-number: 804454**

Applicable to environmental clusters:
POT PLANTS 2; POT PLANTS REMAINDER; POT PLANTS 5

Validity: **27-1-2025 valid up to and including 18-5-2025**
Total points: **106,1**
Qualification: **A+**

Kind regards,
MPS-ECAS

Signature:

Drs. R. Landsmeer, Manager Operations

Date of issue:
6-1-2025

N.B.: This certificate is only valid for the period specified above.

P.O. Box 114
2678 ZJ De Lier
The Netherlands

QUALIFICATION AND PERIOD GRAPHS

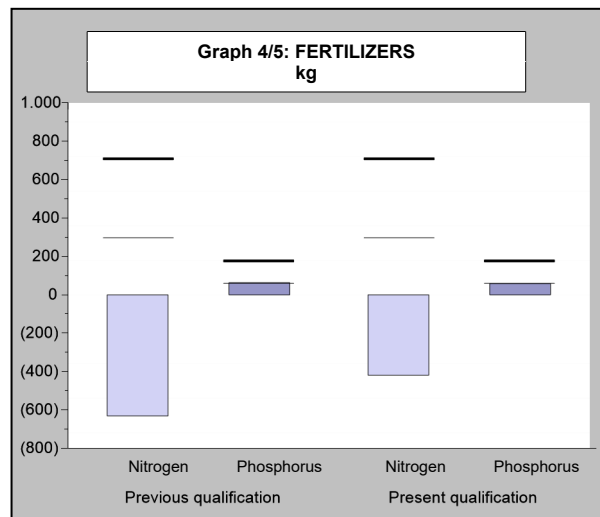
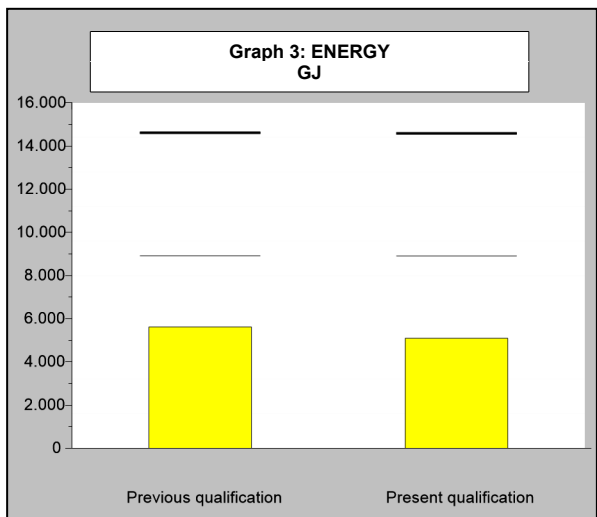
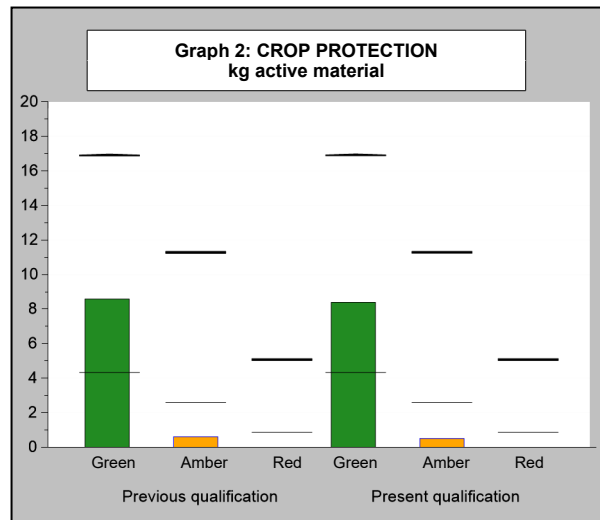
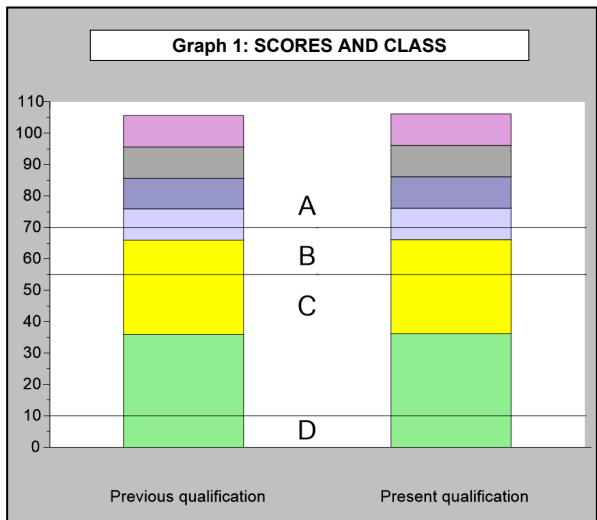
MPS company number: **804454/01**
 Company name: Gartneriet Lundegaard ApS (total)

Valid: Period 1-2024 until Period 13-2024
 Version: 6-1-2025

Table 1: DATA QUALIFICATIONS

SUBJECT	Your Company standard		Your use	Your points	max. points	A+ standard	A+ score	Obtained
	Lower	Upper limit						
Crop protection	Green	4,3-16,9 kg	8,4	8,1	12			
	Amber	2,6-11,3 kg	0,5	16	16			
	Red	0,9-5,1 kg	0	12	12			
total				36,1	40	85 %	90,3 %	yes
Energy total		8906,5-14587 GJ	5096,3	30	30	75 %	100 %	yes
Fertilizers	Nitrogen	297,2-708,7 kg	-419,2	10	10			
	Phosphorus	59,4-176,3 kg	58,5	10	10			
total				20	20	75 %	100 %	yes
Waste		0-130	130	10	10			
Water								
Certified parental material				10	10			
Total score (points)				106,1	110	90	106,1	yes
COMPANY QUALIFICATION				A+				

COMPANY USAGE PER 13 PERIODS
 <-----> = Upper limit <.....> = Lower limit

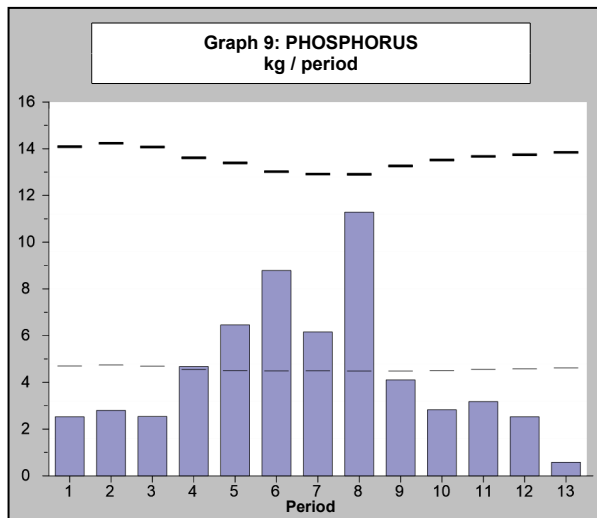
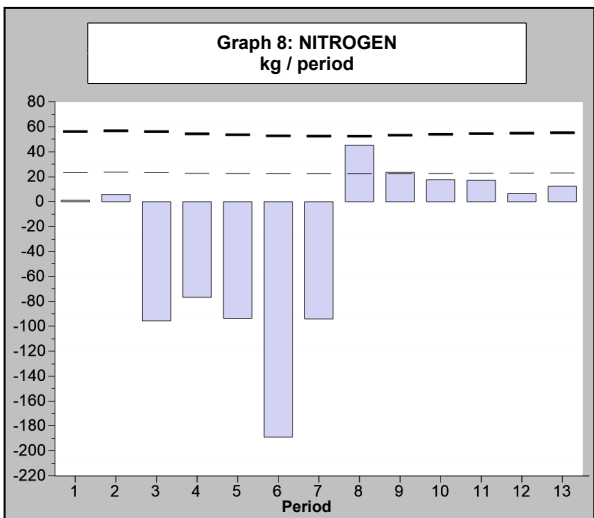
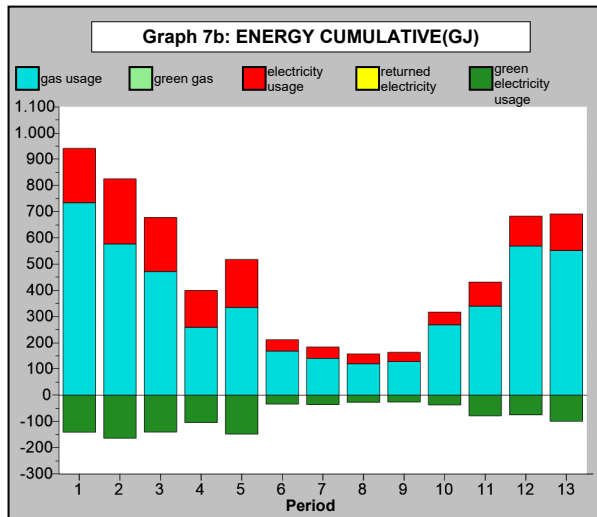
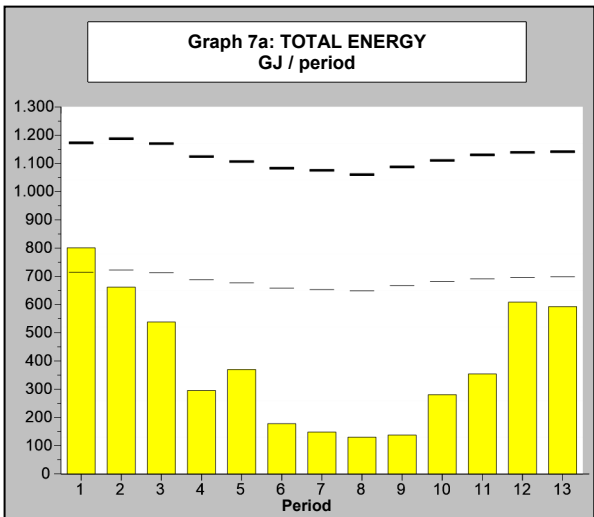
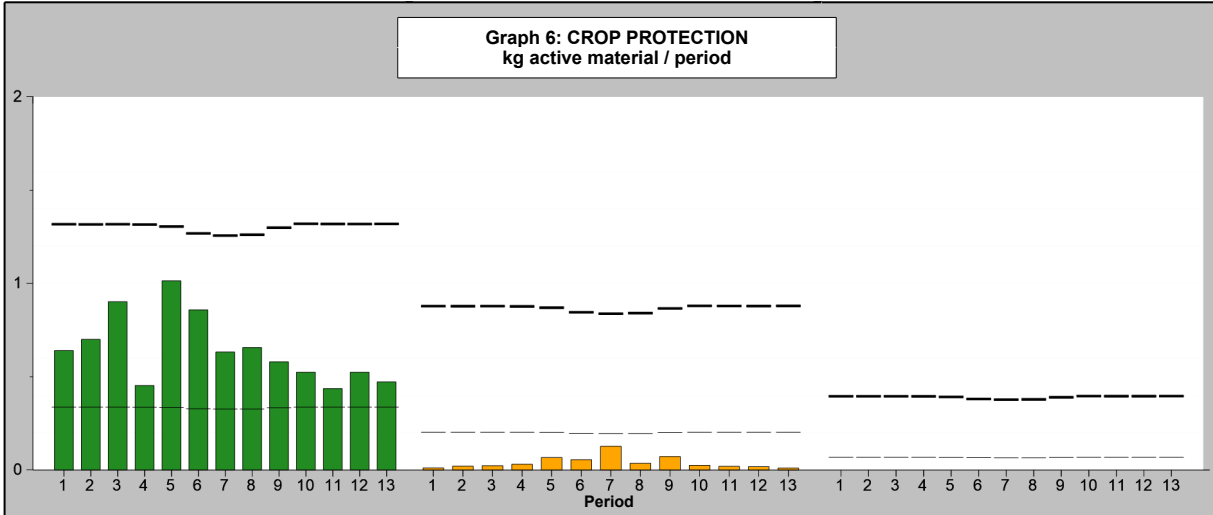


QUALIFICATION AND PERIOD GRAPHS

MPS company number: **804454/01**
 Company name: Gartneriet Lundegaard ApS (total)

Valid: Period 1-2024 until Period 13-2024
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<-----> = Upperlimit <.....> = Lowerlimit



MPS-Overview Composition of Qualification

MPS company number: **804454/01**
 Company name: Gartneriet Lundegaard ApS (total)

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 Version: 6-1-2025

Composition of company standards MPS-OEX (Area Efficiency index)

THEMA		Basic standard		% OEX	Companystandard	
		lower-limit	upper-limit		lower-limit	upper-limit
Crop protection	Green				4,3-16,9 kg	8,4 kg
	Amber				2,6-11,3 kg	0,5 kg
	Red				0,9-5,1 kg	0 kg
Energy		8745,4-14322,9 GJ		1,8 %	8906,5-14587 GJ	5096,3 GJ
Nitrogen (N)		291,8-696 kg		1,8 %	297,2-708,7 kg	
Phosphorus (P)		58,4-173,1 kg		1,8 %	59,4-176,3 kg	58,5 kg

Composition of points MPS environmentally certified parental material

Certified parental material	(Average) area	Your Points	Max points
Total cultivated area 1)	5837 m2		
Area certified parental material MPS-ABC	5837 m2	10	10
Area certified parental material GLOBALGAP	0 m2	0	5
Total points for Certified parental material		10	10

1) Total means: the total area covered and uncovered cultivation and the second crop layer. Not included is the uncultivated area.

Overview Environmental zones

Period	1	2	3	4	5	6	7	8	9	10	11	12	13
Environmental	Zone 2	Zone 2	Zone 2	Zone 2	Zone 2	Zone 2	Zone 2	Zone 2	Zone 2	Zone 2	Zone 2	Zone 2	Zone 2

Company usage of MPS-MIND

Pesticide	Indicator color	active ingredient	Annual company use of active substance		
			Green	Amber	Red
Azatin EC	●	azadirachtin	0,230		
Barclay Gallup Super 360	●	glyphosate		0,072	
Caryx	●	mepiquat chloride	0,055		
	●	metaconazole		0,008	
Conserve	●	spinosad	0,074		
Dazide Enhance	●	daminozide	3,288		
Elasto G5	○	wetting/sticker agents other			
Fiba-Zorb (liquid)	○	wetting/sticker agents other			
Geoxe 50 WG	●	fludioxonil	0,119		
Gnatrol SC	○	bacillus thuringiensis			
Lalstop G46 WG	○	fungus			
	○	bacteria			
	○	micro-organisms			
MK Boden (EM Aktiv)	○	yeast			
	○	alcohol			
	○	bacteria			
MK Start	○	garlic extract			
	○	humic acids			
	○	lactic acid			
	○	micro-organisms			
	○	seaweed extract			
	○	yeast			
	○				
Movento SC 100	●	spirotetramat	0,190		
Pediment	●	pirimicarb		0,033	

MPS-Overview Composition of Qualification

MPS company number: **804454/01**
 Company name: Gartneriet Lundegaard ApS (total)

Valid: Period 1-2024 until Period 13-2024
 Version: 6-1-2025

Company usage of MPS-MIND

Pesticide	Indicator color	active ingredient	Annual company use of active substance		
			Green	Amber	Red
Per aqua	○	hydrogen peroxide			
Per aqua	○	peroxyacetic acid			
Pirouette	●	paclobutrazol		0,402	
Previcur Energy	●	fosetyl-aluminium	1,360		
	●	propamocarb	2,326		
Signum WG	●	boscalid	0,238		
	●	pyraclostrobin	0,060		
Sluxx	●	ferric phosphate	0,308		
Switch	●	cyprodinil	0,035		
	●	fludioxonil	0,024		
Teppeki	●	flonicamid	0,085		
Turex WP	○	bacillus thuringiensis			
Annual company use of active substance			8,391	0,515	0

OVERVIEW RECORDED DATA

MPS company number: **804454/01**
 Company name: Gartneriet Lundegaard ApS (total)

Valid: Period 1-2024 until Period 13-2024
 Version: 6-1-2025

Code	Description	Unit	Period 8	Period 9	Period 10	Period 11	Period 12	Period 13	Subtotal	Year total
FORM RECEIVED			yes	yes	yes	yes	yes	yes		
CROP PROTECTION AGENTS										
990395	Amblyseius / Neoseiulus cucumeris	number	200000	1450000	150000				1800000	5031000
990424	Aphidius colemani	number	6000	6000	6000	6000	6000	6000	36000	77500
990688	Aphidius ervi	number	1500	1500	1500	1500	1500	1000	8500	18250
3847	Azatin EC	ml	660	680	1650			180	3170	8850
3369	Barclay Gallup Super 360	ml								200
3352	Caryx	ml	40	30	30				100	260
3205	Conserve	ml				620			620	620
3809	Dazide Enhance	grams	280	322	308	182	189	259	1540	3868
3305	Elasto G5	ml	400	460	520	520	540	680	3120	7930
3348	Fiba-Zorb (liquid)	ml	1059	4757	1527	802	761	674	9580	25965
3798	Geoxe 50 WG	grams						82	82	237
3366	Gnatrol SC	ml	3170	1970	7240	1620	1850	1966	17816	45551
990675	Hypoaspis miles / Stratiolaelaps Scimitus	number	500000	500000	500000	500000	500000	375000	2875000	7562500
3910	Lalstop G46 WG	grams						125	125	974
3906	MK Boden (EM Aktiv)	ml		80000				120000	200000	200000
3915	MK Start	ml		25000			25000	25000	75000	75000
3315	Movento SC 100	ml		120	60				180	1898
3881	Pediment	grams		66					66	66
3307	Per aqua	ml	44000	88000	66000			44000	242000	836000
992015	Phasmarhabditis hermaphrodita	number	1440000000			240000000	264000000		648000000	648000000
3271	Pirouette	ml	8680	9550	6100	4720	4403	2543	35996	100602
3321	Previcur Energy	ml	360	300	240	240	240	225	1605	4388
3270	Signum WG	grams	24	20	16	16	336	51	463	893
3328	Sluxx	grams	2200						2200	10264
990706	Steinernema carpocapsae	number		250000000	250000000				500000000	750000000
990515	Steinernema feltiae	number	261000000	189000000	491000000	143000000	170000000		1254000000	3011000626
3272	Switch	grams								94
3293	Teppeki	grams	32	23			100		155	170
3368	Turex WP	grams		1000					1000	1000
WATER										
21	Total irrigation	m3	315	117	107	148	79	170	936	2346
22	Drainage water disposed	m3		154	54	8	23	29	268	268

OVERVIEW RECORDED DATA (Continued)

MPS company number: **804454/01**
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Valid: Period 1-2024 until Period 13-2024
 Version: 6-1-2025

Code	Description	Unit	Period 8	Period 9	Period 10	Period 11	Period 12	Period 13	Subtotal	Year total
ENERGY										
1	Gas consumption	m3	3433	3653	7664	9689	16228	15739	56406	132966
2	Conversion factor		1	1	1	1	1	1		
3	Caloric value		1	1	1	1	1	1		
4	Electricity from the grid (Total)	kWh	6721	6449	8775	16686	20625	25351	84607	279344
6	Green electricity from the grid	kWh	4906	4708	6669	14183	13613	17999	62078	201345
LIGHTING										
550012	HP-Na 600W 230V Conv.	Hour			1	1	1	1		
		Number								
		kWatt			2464	9908	13508	18317		
FERTILIZERS										
513	Ammonium nitrate	kg						0,3	0,3	1,5
545	Calcium nitrate (nitrate o	kg	92	46	46	46		48	278	-3897,676
635	Fosmagnit	litres						0,8	0,8	4
935	Kalisalpeter 13+0+38 Multi-K GG	kg	50	75	50	25	25	28,2	253,2	438,307
647	Kaliumsulfat (44% K2O)	kg	25	25			25		75	200
638	Kalk	kg	46,38	183,21	63,7	36,87	35,36	32,14	397,66	1054,31
572	Magnesium Nitrate 11+0+0	kg	40	20	20		20	0,9	100,9	392,6
516	Magnesium sulphate	kg	18	18	25		18		79	169
666	Micromax (7.5%CaO+12%Fe+37.5% SO3)	kg	1,51	2,6	0,989	0,63	0,61	0,562	6,901	16,662
581	Mono-potassium phosphate	kg	9	9	9		9		36	81
420	NPK 12+6+20	kg	19,92	34,36	13,05	8,26	7,99	7,42	91	219,93
412	Phosporsyre 75%	litres	36			12			48	117
457	Pioner Mikro Plus med Jern (1.92%)	litres	36	18	18		18	0,1	90,1	-538,444
414	Salpetersyre 62%	litres	168			56			224	534
ENVIRONMENTAL CLUSTERS										
Indoor crops										
4062	POT PLANTS 2	m2	1195	1225	1139	909	819	1001		
4065	POT PLANTS 5	m2	733	268						
4070	POT PLANTS REMAINDER	m2	3909	4344	4698	4928	5018	4836		
	Subtotal		5837	5837	5837	5837	5837	5837		

OVERVIEW RECORDED DATA (Continued)

MPS company number: **804454/01**
 Company name: Gartneriet Lundegaard ApS (total)

Valid: Period 1-2024 until Period 13-2024
 Version: 6-1-2025

Code	Description	Unit	Period 8	Period 9	Period 10	Period 11	Period 12	Period 13	Subtotal	Year total
	Certified parental material									
661	MPS-ABC certif.parental mat. indoor	m2	5837	5837	5837	5837	5837	5837		

GENERAL INFORMATION FORM

MPS-Mind

Surface water

3900 What is the minimum distance of this location to the nearest surface water? 250 - 2500 metres / 820 - 8200 feet

Cover

3910 Does the surface of protected cultivation exceed 95% of this location? Yes

Slope

3902 What is the maximum slope of a plot on this location? flat

Leaching to groundwater

3903 Do you grow more than 95% of your crops in a closed (recirculation) system, with less than 3% loss of drainwater? Yes

MPS-OEX

Sidescreens:

3950 Are sidescreens being used during lighting in the night? Yes

Topscreens:

3951 Are topscreens being used during lighting in the night? Yes

3952 If yes, what is the percentage of light-reduction? 95% or more

CO2

3953 Do you apply CO2? No

Substrate

3957 Do you cultivate cut flowers on substrate? No

Diffuse light

3961 Do you have diffuse glass on your greenhouse? No

3963 Do you have diffuse foil on your foil-greenhouse? No

3965 Do you have diffuse screens on your greenhouse? No

3967 Do you use a diffuse coating on your greenhouse? No

OVERVIEW RECORDED DATA (Continued)

MPS company number: **804454/01**
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GENERAL INFORMATION FORM

Waste management

41	Do you process organic waste in a responsible way?	Yes
42	Do you process paper waste in a responsible way?	Yes
43	Do you process plastic waste in a responsible way?	Yes

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Code	Description	Unit	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Subtotal
FORM RECEIVED			yes	yes	yes	yes	yes	yes	yes	
CROP PROTECTION AGENTS										
990395	Amblyseius / Neoseiulus cucumeris	number	206000	200000	1200000	300000	425000	700000	200000	3231000
990424	Aphidius colemani	number	5500	6000	6000	5000	7000	6000	6000	41500
990688	Aphidius ervi	number	750	1500	1500	1000	2000	1500	1500	9750
3847	Azatin EC	ml	750	900	660		1725	820	825	5680
3369	Barclay Gallup Super 360	ml							200	200
3352	Caryx	ml					80	40	40	160
3205	Conserve	ml								
3809	Dazide Enhance	grams	327	328	504	182	371	308	308	2328
3305	Elasto G5	ml	800	930	890	520	820	440	410	4810
3348	Fiba-Zorb (liquid)	ml	2202	3238	2581	2463	3575	1220	1106	16385
3798	Geoxe 50 WG	grams	155							155
3366	Gnatrol SC	ml	6545		2655	2420	9205	4140	2770	27735
990675	Hypoaspis miles / Stratiolaelaps Scimitus	number	750000	500000	500000	625000	1250000	1000000	62500	4687500
3910	Lalstop G46 WG	grams	300	50	339			160		849
3906	MK Boden (EM Aktiv)	ml								
3915	MK Start	ml								
3315	Movento SC 100	ml			1330	250		138		1718
3881	Pediment	grams								
3307	Per aqua	ml	22000	66000	110000	132000	132000	66000	66000	594000
992015	Phasmarhabditis hermaphrodita	number								
3271	Pirouette	ml	2795	5109	5770	7795	16125	13572	13440	64606
3321	Previcur Energy	ml	270	438	375	315	630	485	270	2783
3270	Signum WG	grams	18	22	26	26	53	147	138	430
3328	Sluxx	grams	1064				2300	2700	2000	8064
990706	Steinernema carpocapsae	number							250000000	250000000
990515	Steinernema feltiae	number	501000000	228000000	230000000	237000000	626	308000000	253000000	1757000626
3272	Switch	grams		36			33	25		94
3293	Teppeki	grams							15	15
3368	Turex WP	grams								
WATER										
21	Total irrigation	m3	89	94	157	124	375	308	263	1410
22	Drainage water disposed	m3								

OVERVIEW RECORDED DATA (Continued)

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 Version: 6-1-2025

Code	Description	Unit	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Subtotal
ENERGY										
1	Gas consumption	m3	20925	16450	13446	7387	9543	4803	4006	76560
2	Conversion factor		1	1	1	1	1	1	1	
3	Caloric value		1	1	1	1	1	1	1	
4	Electricity from the grid (Total)	kWh	37652	45068	37440	25550	33282	7881	7864	194737
6	Green electricity from the grid	kWh	25603	29745	25459	18907	26958	6147	6448	139267
LIGHTING										
550012	HP-Na 600W 230V Conv.	Hour	1	1	1	1	1	1	1	
		Number								
		kWatt	30309	37418	29818	19969	23772	1016	1383	
FERTILIZERS										
513	Ammonium nitrate	kg	0,3			0,3	0,3		0,3	1,2
545	Calcium nitrate (nitrate o	kg								
635	Fosmagnit	litres	0,8			0,8	0,8		0,8	3,2
935	Kalisalpeter 13+0+38 Multi-K GG	kg	3,638		28,425	32,064	32,064	56,851	32,065	185,107
647	Kaliumsulfat (44% K2O)	kg				25	25	50	25	125
638	Kalk	kg	88,67	127,01	102,7	98,33	139,48	52,34	48,12	656,65
572	Magnesium Nitrate 11+0+0	kg	0,9			209	20,9	40	20,9	291,7
516	Magnesium sulphate	kg				18	18	36	18	90
666	Micromax (7.5%CaO+12%Fe+37.5% SO3)	kg	1,326	1,844	1,516	1,45	2,01	0,835	0,78	9,761
581	Mono-potassium phosphate	kg				9	9	18	9	45
420	NPK 12+6+20	kg	17,5	24,34	20	19,23	26,57	11,02	10,27	128,93
412	Phosporsyre 75%	litres	6	6	6	6	12	18	15	69
457	Pioner Mikro Plus med Jern (1.92%)	litres								
414	Salpetersyre 62%	litres	28	28	28	28	56	71	71	310
ENVIRONMENTAL CLUSTERS										
Indoor crops										
4062	POT PLANTS 2	m2	649	568	693	948	943	735	715	
4065	POT PLANTS 5	m2				43	171	612	756	
4070	POT PLANTS REMAINDER	m2	5188	5269	5144	4847	4723	4490	4366	
	Subtotal		5837	5837	5837	5837	5837	5837	5837	

OVERVIEW RECORDED DATA (Continued)

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Company name: Gartneriet Lundegaard ApS (total)

Valid: Period 1-2024 until Period 13-2024
Version: 6-1-2025

Code	Description	Unit	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Subtotal
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661	Certified parental material MPS-ABC certif.parental mat. indoor	m2	5837	5837	5837	5837	5837	5837	5837	
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