



Certificate

MPS-ECAS awards this certificate in accordance with the certification standard MPS-ABC version 16, to:

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

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

Validity: **24-5-2024 valid up to and including 11-8-2024**
Total points: **103,6**
Qualification: **A+**

Kind regards,
MPS-ECAS

Signature:

Date of issue:
24-5-2024

Drs. R. Landsmeer, Manager Operations

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

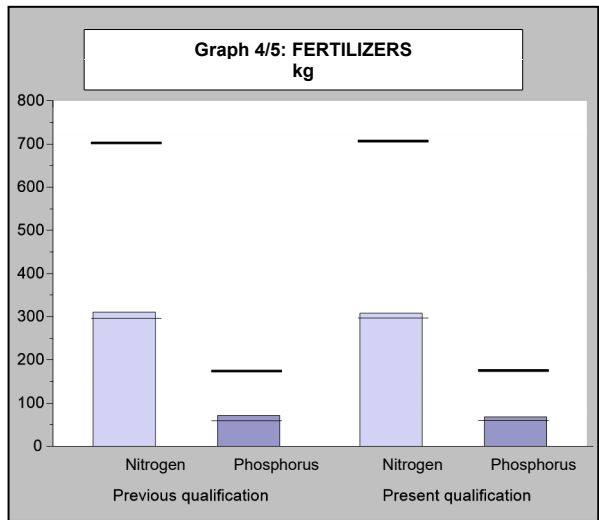
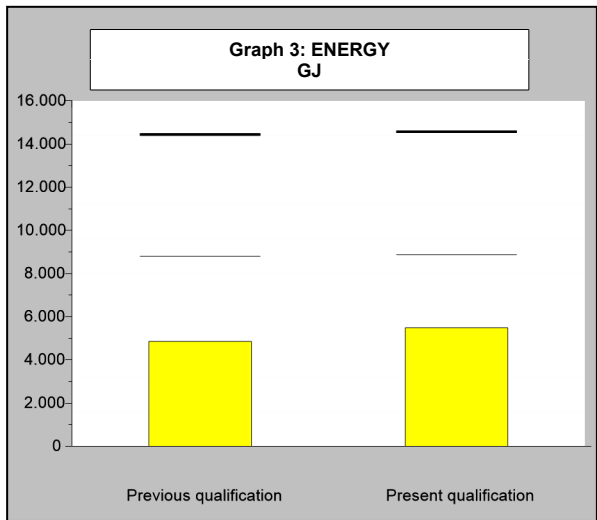
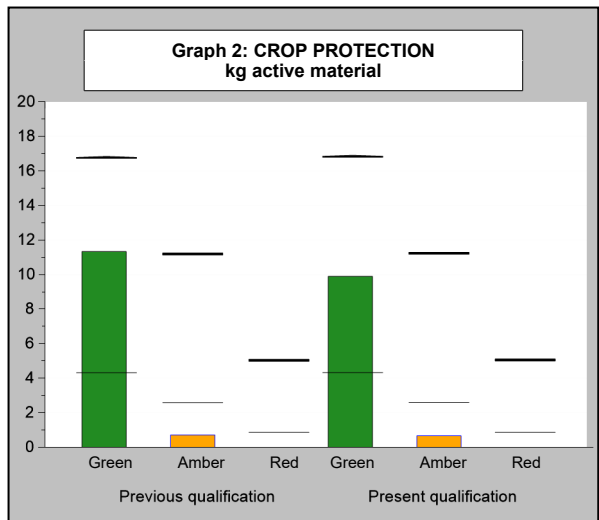
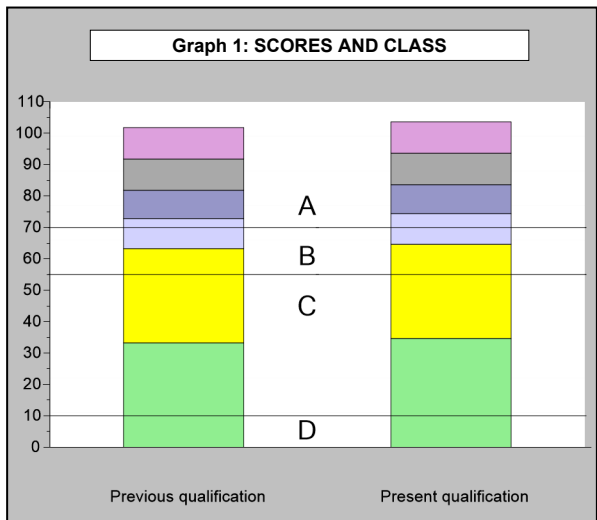
MPS company number: **804454/01**
 Company name: Gartneriet Lundegaard ApS (total)

Valid: Period 5-2023 until Period 4-2024
 Version: 24-5-2024

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	9,9	6,7	12			
	Amber	2,6-11,2 kg	0,7	16	16			
	Red	0,9-5,1 kg	0	12	12			
total				34,7	40	85 %	86,6 %	yes
Energy total		8877-14572,5 GJ	5485,9	30	30	75 %	100 %	yes
Fertilizers	Nitrogen	297-706,9 kg	308,2	9,7	10			
	Phosphorus	59,4-175,5 kg	68,1	9,3	10			
total				19	20	75 %	94,9 %	yes
Waste		0-130	130	10	10			
Water								
Certified parental material				10	10			
Total score (points)				103,6	110	90	103,6	yes
COMPANY QUALIFICATION				A+				

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

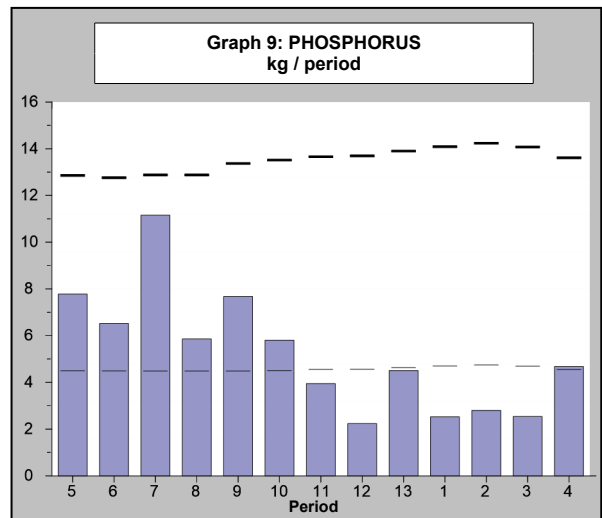
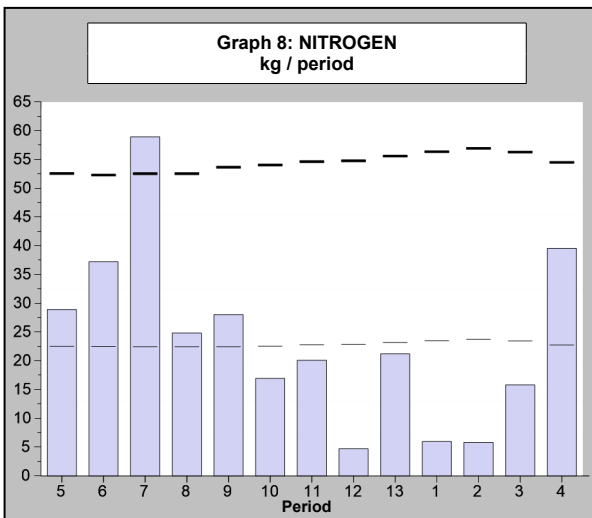
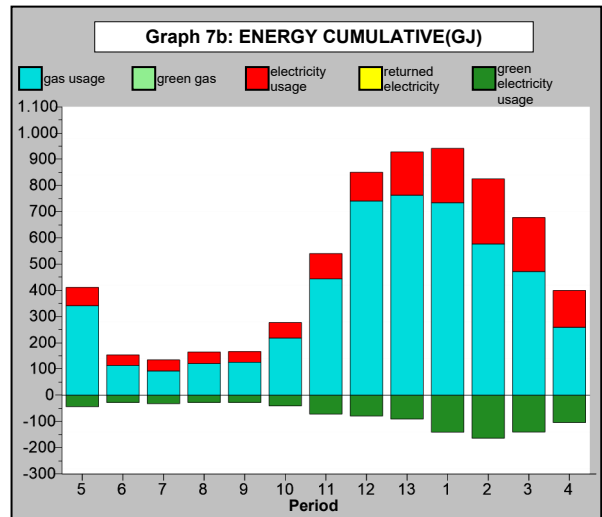
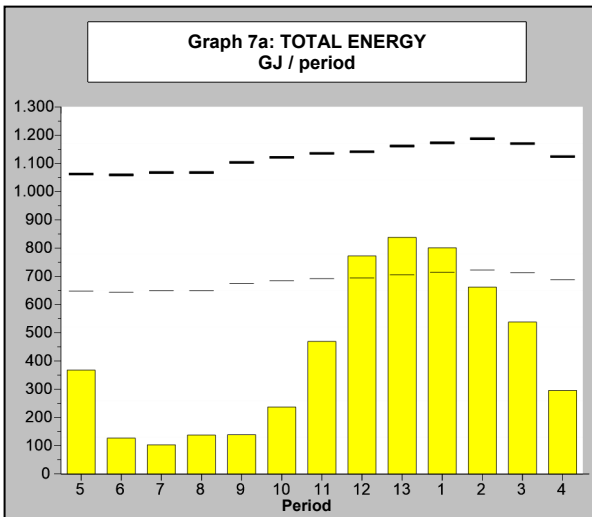
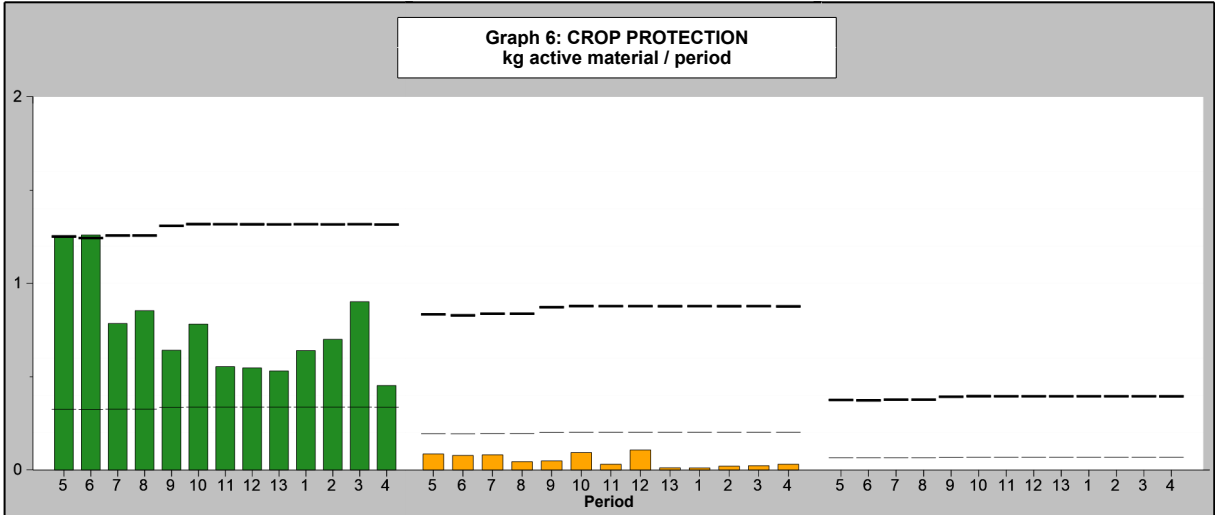


QUALIFICATION AND PERIOD GRAPHS

MPS company number: **804454/01**
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<-----> = Upperlimit <.....> = Lowerlimit



MPS-Overview Composition of Qualification

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

Valid: Period 5-2023 until Period 4-2024
 Version: 24-5-2024

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	9,9 kg
	Amber				2,6-11,2 kg	0,7 kg
	Red				0,9-5,1 kg	0 kg
Energy		8719,5-14313,8 GJ		1,8 %	8877-14572,5 GJ	5485,9 GJ
Nitrogen (N)		291,8-694,4 kg		1,8 %	297-706,9 kg	308,2 kg
Phosphorus (P)		58,4-172,4 kg		1,8 %	59,4-175,5 kg	68,1 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	5	6	7	8	9	10	11	12	13	1	2	3	4
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
Alar 85 SG	●	daminozide	0,190		
ATR Sneglekorn (Snail Grains)	●	ferric phosphate	0,165		
Attracker	○	sugar			
Azatin EC	●	azadirachtin	0,188		
Caryx	●	mepiquat chloride	0,022		
	●	metaconazole		0,003	
Conserve	●	spinosad	0,081		
Dazide Enhance	●	daminozide	3,793		
Elasto G5	○	wetting/sticker agents other			
Fiba-Zorb (liquid)	○	wetting/sticker agents other			
Geoxe 50 WG	●	fludioxonil	0,186		
Gnatrol SC	○	bacillus thuringiensis			
Lalstop G46 WG	○	fungus			
Movento SC 100	●	spirotetramat	0,171		
Pediment	●	pirimicarb		0,125	
Per aqua	○	hydrogen peroxide			
	○	peroxyacetic acid			
Pirouette	●	paclobutrazol		0,494	
Previcur Energy	●	fosetyl-aluminium	1,436		
	●	propamocarb	2,455		
Signum WG	●	boscalid	0,323		
	●	pyraclostrobin	0,081		
Sluux	●	ferric phosphate	0,218		
Switch	●	cyprodinil	0,218		

MPS-Overview Composition of Qualification

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

Valid: Period 5-2023 until Period 4-2024
 Version: 24-5-2024

Company usage of MPS-MIND

Pesticide	Indicator color	active ingredient	Annual company use of active substance		
			Green	Amber	Red
	●	fludioxonil	0,146		
Teldor WG 50	●	fenhexamid	0,063		
Teppeki	●	flonicamid	0,160		
Vertimec	●	abamectin		0,043	
Annual company use of active substance			9,896	0,665	0

OVERVIEW RECORDED DATA

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

Valid: Period 5-2023 until Period 4-2024
 Version: 24-5-2024

Code	Description	Unit	Period 11	Period 12	Period 13	Period 1	Period 2	Period 3	Period 4	Subtotal	Year total
FORM RECEIVED			yes	yes	yes	yes	yes	yes	yes		
CROP PROTECTION AGENTS											
3023	Alar 85 SG	grams		224						224	224
990395	Amblyseius / Neoseiulus cucumeris	number	50000		100000	206000	200000	1200000	300000	2056000	4156000
990424	Aphidius colemani	number	6000	6000	4000	5500	6000	6000	5000	38500	75500
990688	Aphidius ervi	number	1500	1500	1250	750	1500	1500	1000	9000	18250
990381	Aphidoletes aphidimyza	number	2000							2000	16000
3868	ATR Sneglekorn (Snail Grains)	grams									6830
3334	Attracker	ml	820							820	820
3847	Azatin EC	ml	415	790		750	900	660		3515	7217
3352	Caryx	ml									104
3205	Conserve	ml									679
3809	Dazide Enhance	grams	235		350	327	328	504	182	1926	4462
3305	Elasto G5	ml	570	640	910	800	930	890	520	5260	8880
3348	Fiba-Zorb (liquid)	ml	957	1820	2372	2202	3238	2581	2463	15633	31386
3798	Geoxe 50 WG	grams	173			155				328	371
3366	Gnatrol SC	ml	1516	1336	6395	6545		2655	2420	20867	40722
990675	Hypoaspis miles / Stratiolaelaps Scimitus	number	500000	500000	850000	750000	500000	500000	625000	4225000	10850000
3910	Lalstop G46 WG	grams		100	200	300	50	339		989	1289
3315	Movento SC 100	ml			132			1330	250	1712	1712
3881	Pediment	grams		183						183	250
3307	Per aqua	ml	66000	110000	110000	22000	66000	110000	132000	616000	1298000
3271	Pirouette	ml	3960	3754	2955	2795	5109	5770	7795	32138	123425
3321	Previcur Energy	ml	240	240	180	270	438	375	315	2058	4633
3270	Signum WG	grams	16	16	12	18	22	26	26	136	1211
3328	Sluxx	grams				1064				1064	7274
990515	Steinernema feltiae	number	174000000	111000000	482000000	501000000	228000000	230000000	237000000	1963000000	3701000000
3272	Switch	grams	30	178	76		36			320	582
3183	Teldor WG 50	grams	36	36	36					108	126
3293	Teppeki	grams	27							27	319
3251	Vertimec	ml	820							820	2407
WATER											
21	Total irrigation	m3	110	167	98	89	94	157	124	839	2300
ENERGY											
1	Gas consumption	m3	12649	21122	21748	20925	16450	13446	7387	113727	142618

OVERVIEW RECORDED DATA (Continued)

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

Valid: Period 5-2023 until Period 4-2024
 Version: 24-5-2024

Code	Description	Unit	Period 11	Period 12	Period 13	Period 1	Period 2	Period 3	Period 4	Subtotal	Year total
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ENERGY (Continued)

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	17567	19882	29998	37652	45068	37440	25550	213157	266928
6	Green electricity from the grid	kWh	13000	14315	16499	25603	29745	25459	18907	143528	179677

LIGHTING

550012	HP-Na 600W 230V Conv.	Hour	1	1	1	1	1	1	1		
		Number									
		kWatt	9309	11042	20951	30309	37418	29818	19969		

FERTILIZERS

513	Ammonium nitrate	kg				0,3			0,3	0,6	1,2
545	Calcium nitrate (nitrate o	kg	46		46	2		46	48	188	560
635	Fosmagnit	litres				0,8			0,8	1,6	3,2
935	Kalisalpeter 13+0+38 Multi-K GG	kg	50		50	3,2		25	28,2	156,4	612,8
647	Kaliumsulfat (44% K2O)	kg	25		25				25	75	318
638	Kalk	kg	42,61	74,54	93,96	88,67	127,01	102,7	98,33	627,82	1299,18
572	Magnesium Nitrate 11+0+0	kg	20		20	0,9			209	249,9	431,7
516	Magnesium sulphate	kg	18		18				18	54	162
666	Micromax (7.5%CaO+12%Fe+37.5% SO3)	kg	0,704	1,135	1,41	1,326	1,844	1,516	1,45	9,385	18,609
581	Mono-potassium phosphate	kg	9		9				9	27	108
420	NPK 12+6+20	kg	9,286	14,98	18,63	17,5	24,34	20	19,23	123,966	245,751
412	Phosporsyre 75%	litres	6	6	6	6	6	6	6	42	126
457	Pioner Mikro Plus med Jern (1.92%)	litres	18		18	0,1			18,1	54,2	216,4
414	Salpetersyre 62%	litres	28	28	28	28	28	28	28	196	588

ENVIRONMENTAL CLUSTERS

Indoor crops											
4062	POT PLANTS 2	m2	702	609	500	649	568	693	948		
4065	POT PLANTS 5	m2							43		
4070	POT PLANTS REMAINDER	m2	5135	5228	5337	5188	5269	5144	4847		
	Subtotal		5837	5837	5837	5837	5837	5837	5837		
Certified parental material											
661	MPS-ABC certif.parental mat. indoor	m2	5837	5837	5837	5837	5837	5837	5837		

OVERVIEW RECORDED DATA (Continued)

MPS company number: **804454/01**
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Valid: Period 5-2023 until Period 4-2024
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Code	Description	Unit	Period 11	Period 12	Period 13	Period 1	Period 2	Period 3	Period 4	Subtotal	Year total
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Certified parental material

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

Waste management

41 Do you process organic waste in a responsible way? Yes

42 Do you process paper waste in a responsible way? Yes

OVERVIEW RECORDED DATA (Continued)

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GENERAL INFORMATION FORM

Waste management

43 Do you process plastic waste in a responsible way?

Yes

OVERVIEW RECORDED DATA

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 Version: 24-5-2024

Code	Description	Unit	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Subtotal
FORM RECEIVED			yes	yes	yes	yes	yes	yes	
CROP PROTECTION AGENTS									
3023	Alar 85 SG	grams							
990395	Amblyseius / Neoseiulus cucumeris	number	250000	400000	400000	400000	300000	350000	2100000
990424	Aphidius colemani	number	8000	5000	6000	6000	6000	6000	37000
990688	Aphidius ervi	number	1750	1500	1500	1500	1500	1500	9250
990381	Aphidoletes aphidimyza	number		4000	4000	4000		2000	14000
3868	ATR Sneglekorn (Snail Grains)	grams	1472	2285	1472	1325	276		6830
3334	Attracker	ml							
3847	Azatin EC	ml	690	450		1362	520	680	3702
3352	Caryx	ml	8		96				104
3205	Conserve	ml				260		419	679
3809	Dazide Enhance	grams	602	420	406	448	394	266	2536
3305	Elasto G5	ml	860	600	580	640	560	380	3620
3348	Fiba-Zorb (liquid)	ml	3516	2265	2041	2041	3606	2284	15753
3798	Geoxe 50 WG	grams			43				43
3366	Gnatrol SC	ml	6660		2565	2940	5415	2275	19855
990675	Hypoaspis miles / Stratiolaelaps Scimitus	number	1375000	1500000	1250000	1125000	750000	625000	6625000
3910	Lalstop G46 WG	grams		200				100	300
3315	Movento SC 100	ml							
3881	Pediment	grams						67	67
3307	Per aqua	ml	88000	88000	132000	88000	198000	88000	682000
3271	Pirouette	ml	21402	19540	16130	10905	11520	11790	91287
3321	Previcur Energy	ml	525	735	360	345	270	340	2575
3270	Signum WG	grams	550	320	42	40	103	20	1075
3328	Sluxx	grams						6210	6210
990515	Steinernema feltiae	number	470000000	362000000		238000000	468000000	200000000	1738000000
3272	Switch	grams	89	110		63			262
3183	Teldor WG 50	grams						18	18
3293	Teppeki	grams		85	92	63	52		292
3251	Vertimec	ml			757		170	660	1587
WATER									
21	Total irrigation	m3	353	195	237	248	225	203	1461
ENERGY									
1	Gas consumption	m3	9744	3240	2646	3456	3591	6214	28891

OVERVIEW RECORDED DATA (Continued)

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

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 Version: 24-5-2024

Code	Description	Unit	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Subtotal
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ENERGY (Continued)

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	12599	7366	7650	7958	7391	10807	53771
6	Green electricity from the grid	kWh	7937	5009	5814	5014	5026	7349	36149

LIGHTING

550012	HP-Na 600W 230V Conv.	Hour	1	1		1		1	
		Number							
		kWatt	1814	397		27		2168	

FERTILIZERS

513	Ammonium nitrate	kg	0,3			0,3			0,6
545	Calcium nitrate (nitrate o	kg	48	92	138	48	46		372
635	Fosmagnit	litres	0,8			0,8			1,6
935	Kalisalpeter 13+0+38 Multi-K GG	kg	53,2	100	150	53,2	50	50	456,4
647	Kaliumsulfat (44% K2O)	kg	25	50	75	25	43	25	243
638	Kalk	kg	137,29	91,01	82,72	82,72	140,62	137	671,36
572	Magnesium Nitrate 11+0+0	kg	20,9	40	60	20,9	20	20	181,8
516	Magnesium sulphate	kg	18	36	18	18		18	108
666	Micromax (7.5%CaO+12%Fe+37.5% SO3)	kg	1,983	1,357	1,246	1,25	2,028	1,36	9,224
581	Mono-potassium phosphate	kg	9	18	27	9	9	9	81
420	NPK 12+6+20	kg	26,175	17,92	16,44	16,44	26,77	18,04	121,785
412	Phosporsyre 75%	litres	18	6	18	12	18	12	84
457	Pioner Mikro Plus med Jern (1.92%)	litres	18,1	36	54	18,1	18	18	162,2
414	Salpetersyre 62%	litres	84	28	84	56	84	56	392

ENVIRONMENTAL CLUSTERS

Indoor crops									
4062	POT PLANTS 2	m2	1011	857	880	880	980	761	
4065	POT PLANTS 5	m2	840	929	767	767	127		
4070	POT PLANTS REMAINDER	m2	3986	4051	4190	4190	4730	5076	
	Subtotal		5837	5837	5837	5837	5837	5837	
Certified parental material									
661	MPS-ABC certif.parental mat. indoor	m2	5837	5837	5837	5837	5837	5837	

OVERVIEW RECORDED DATA (Continued)

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Company name: Gartneriet Lundegaard ApS (total)

Valid: Period 5-2023 until Period 4-2024
Version: 24-5-2024

Code	Description	Unit	Period	Period	Period	Period	Period	Period	Subtotal
			5	6	7	8	9	10	

Certified parental material