



Certificate

MPS-ECAS awards this certificate in accordance with the certification standard MPS-ABC version 16.1, to:

**Gartneriet Rønbæk A/S
Rønbækvej 23
8382 HINNERUP
Denmark
MPS-number: 805277**

Applicable to environmental clusters:
POT PLANTS 5

Validity: **27-1-2025 valid up to and including 18-5-2025**
Total points: **106,9**
Qualification: **A+**

Kind regards,
MPS-ECAS

Signature:

Date of issue:
17-1-2025

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

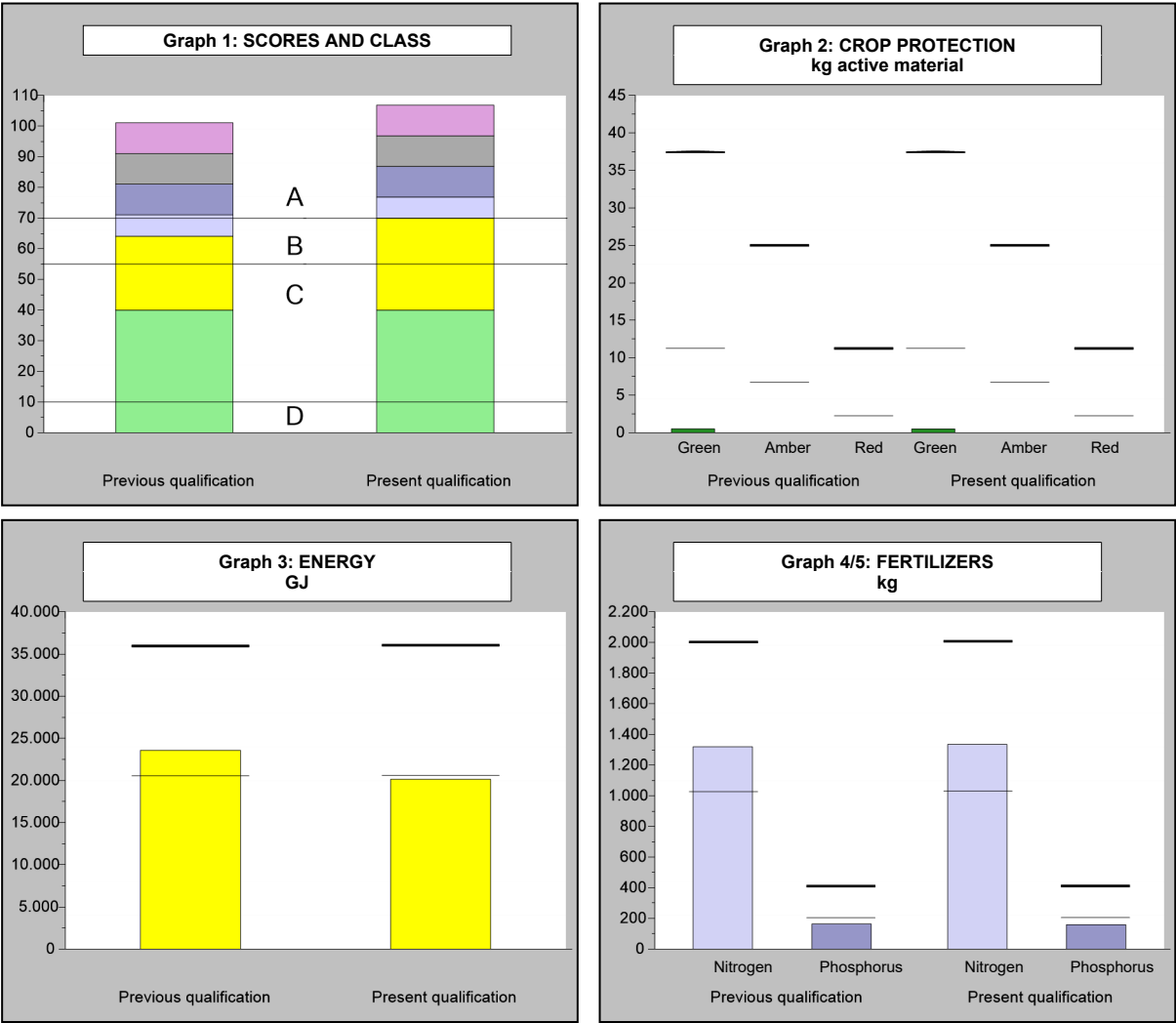
QUALIFICATION AND PERIOD GRAPHS

MPS company number: 805277/01
Company name: Gartneriet Rønbæk A/S (total)

Valid: Period 1-2024 until Period 13-2024
Version: 17-1-2025

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	11,3-37,5 kg	0,5	12	12			
	Amber	6,8-25 kg	0	16	16			
	Red	2,3-11,3 kg	0	12	12			
total				40	40	85 %	100 %	yes
Energy total		20600,6-36051,1 GJ	20138,9	30	30	75 %	100 %	yes
Fertilizers	Nitrogen	1030-2008,6 kg	1335,5	6,9	10			
	Phosphorus	206-412 kg	159,6	10	10			
total				16,9	20	75 %	84,3 %	yes
Waste		0-130	130	10	10			
Water								
Certified parental material				10	10			
Total score (points)				106,9	110	90	106,9	yes
COMPANY QUALIFICATION				A+				

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

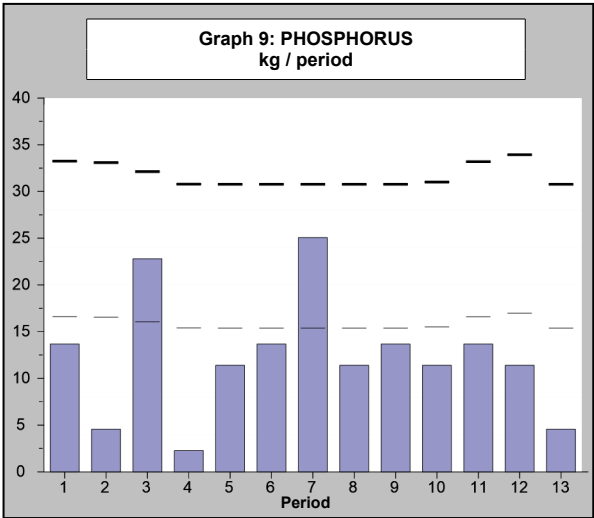
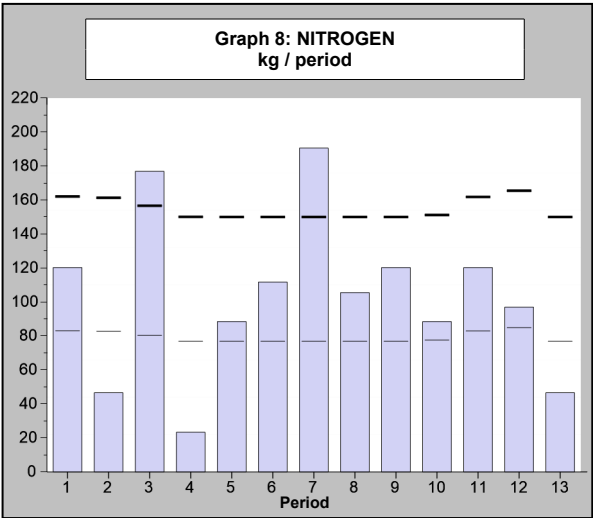
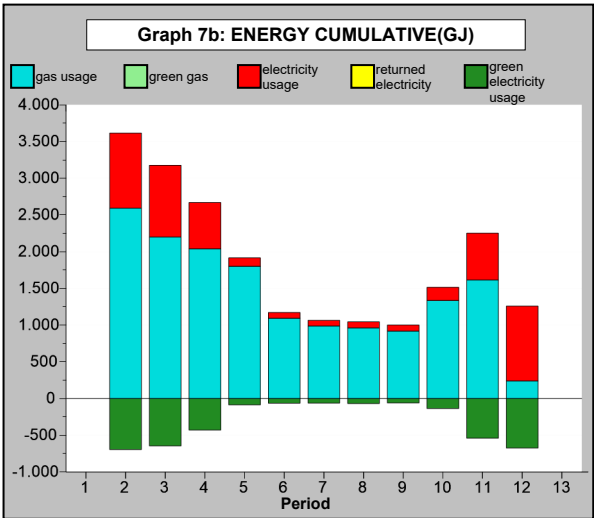
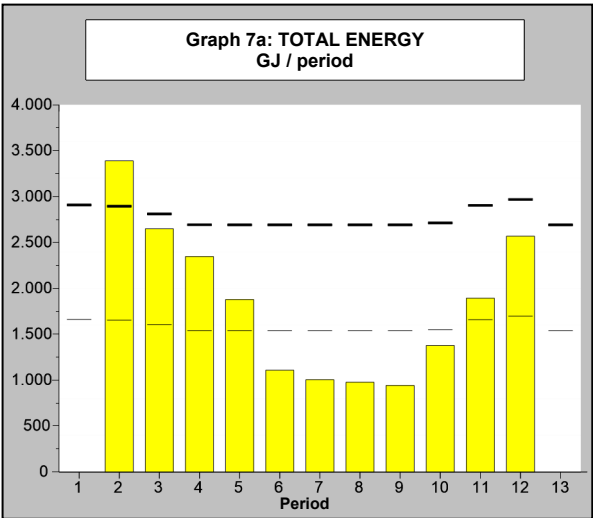
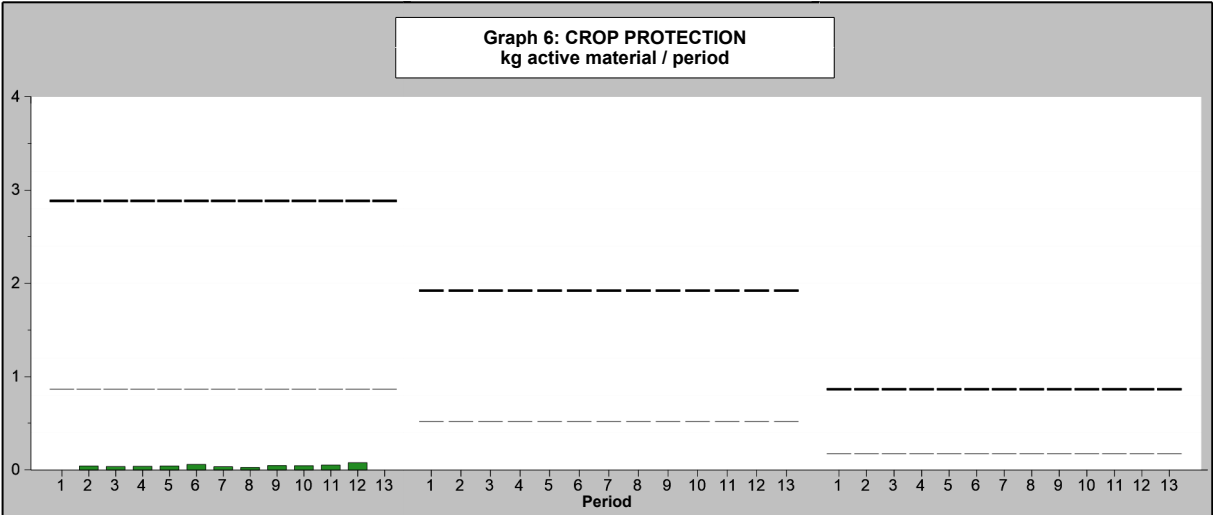


QUALIFICATION AND PERIOD GRAPHS

MPS company number: 805277/01
Company name: Gartneriet Rønbæk A/S (total)

Valid: Period 1-2024 until Period 13-2024
Version: 17-1-2025

<-----> = Upperlimit <-----> = Lowerlimit



MPS-Overview Composition of Qualification

MPS company number: 805277/01
Company name: Gartneriet Rønbæk A/S (total)

Valid: Period 1-2024 until Period 13-2024
Version: 17-1-2025

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

THEMA		Basic standard	% OEX	Companystandard	Company- usage
		lower- upper- limit limit		lower- upper- limit limit	
Crop protection	Green			11,3-37,5 kg	0,5 kg
	Amber			6,8-25 kg	0 kg
	Red			2,3-11,3 kg	0 kg
Energy		20000-35000 GJ	3 %	20600,6-36051,1 GJ	20138,9 GJ
Nitrogen (N)		1000-1950 kg	3 %	1030-2008,6 kg	1335,5 kg
Phosphorus (P)		200-400 kg	3 %	206-412 kg	159,6 kg

Composition of points MPS environmentally certified parental material

Certified parental material	(Average) area	Your Points	Max points
Total cultivated area 1)	20000 m2		
Area certified parental material MPS-ABC	20000 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 3	Zone 3	Zone 3	Zone 3	Zone 3	Zone 3	Zone 3	Zone 3	Zone 3	Zone 3	Zone 3	Zone 3	Zone 3

Company usage of MPS-MIND

Pesticide	Indicator color	active ingredient	Annual company use of active substance		
			Green	Amber	Red
Configure	●	6-benzylaminopurine	0,507		
Annual company use of active substance			0,507	0	0

OVERVIEW RECORDED DATA

MPS company number: 805277/01
Company name: Gartneriet Rønbæk A/S (total)

Valid: Period 1-2024 until Period 13-2024
Version: 17-1-2025

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										
3787	Configure	ml	1350	2350	2300	2650	3900		12550	25350
WATER										
21	Total irrigation	m3	1001	989	888	918	796		4592	9638
ENERGY										
1	Gas consumption	m3	27416	26202	38045	46032	6801		144496	449739
2	Conversion factor		1	1	1	1	1			
3	Caloric value		1	1	1	1	1			
4	Electricity from the grid (Total)	kWh	15003	14931	32685	115717	185661		363997	892472
6	Green electricity from the grid	kWh	12302	10900	24841	98359	122536		268938	629324
7	Residual heat usage	GJ				209	2280		2489	3339
LIGHTING										
550013	HP-Na 600W 400V Conv.	Hour			1	1	1			
		Number								
		kWatt			16742	164758	215489			
FERTILIZERS										
545	Calcium nitrate (nitrate o	kg	220	220	110	220	165	110	1045	2145
375	Ferrous chelate DTPA 6%	litres	13	13	6,5	13	9,75	6,5	61,75	122
561	Ferrous chelate EDDHA 6%	kg	13	13	6,5	13	9,75	6,5	61,75	128,5
935	Kalisalpeter 13+0+38 Multi-K GG	kg	118	151	118	151	118	66	722	1746
572	Magnesium Nitrate 11+0+0	kg	65	75	65	75	65	20	365	870
516	Magnesium sulphate	kg	67	94	67	94	67	54	443	1074
575	Manganese sulphate	kg	1,15	1,45	1,15	1,45	1,15	0,6	6,95	16,8
579	Molybdenum (solid)	kg	0,1	0,12	0,1	0,12	0,1	0,04	0,58	1,39
581	Mono-potassium phosphate	kg	50	60	50	60	50	20	290	700
677	Solubor 20.5%	kg	0,735	0,97	0,735	0,97	0,735	0,47	4,615	11,17
603	Urea 46%N	kg	105	125	105	125	105	40	605	1460
604	Zinc sulphate (solid)	kg	0,155	0,185	0,155	0,185	0,155	0,06	0,895	2,16

OVERVIEW RECORDED DATA (Continued)

MPS company number: 805277/01
Company name: Gartneriet Rønbæk A/S (total)

Valid: Period 1-2024 until Period 13-2024
Version: 17-1-2025

Code	Description	Unit	Period 8	Period 9	Period 10	Period 11	Period 12	Period 13	Subtotal	Year total
------	-------------	------	-------------	-------------	--------------	--------------	--------------	--------------	----------	------------

ENVIRONMENTAL CLUSTERS

Indoor crops										
4065	POT PLANTS 5	m2	20000	20000	20000	20000	20000	20000		
Subtotal			20000	20000	20000	20000	20000	20000		
Certified parental material										
661	MPS-ABC certif.parental mat. indoor	m2	20000	20000	20000	20000	20000	20000		

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?							No	
3904	What is the minimum depth of the groundwater on all your plot(s)?							>= 15 metres / >= 49,2 feet	
3905	What is the lowest percentage of organic material of your soil on all your plots of this location?							1,5 - 3%	

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?							85 till 95%	
CO2									
3953	Do you apply CO2?							No	
Substrate									
3957	Do you cultivate cut flowers on substrate?							No	

OVERVIEW RECORDED DATA (Continued)

MPS company number: 805277/01
Company name: Gartneriet Rønbæk A/S (total)

Valid: Period 1-2024 until Period 13-2024
Version: 17-1-2025

GENERAL INFORMATION FORM

MPS-OEX

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
43	Do you process plastic waste in a responsible way?	Yes

OVERVIEW RECORDED DATA

MPS company number: 805277/01
Company name: Gartneriet Rønbæk A/S (total)

Valid: Period 1-2024 until Period 13-2024
Version: 17-1-2025

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										
3787	Configure	ml		2100	1850	1950	2150	3000	1750	12800
WATER										
21	Total irrigation	m3		711	785	766	845	974	965	5046
ENERGY										
1	Gas consumption	m3		73883	62671	58102	51289	31161	28137	305243
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		185959	177699	114867	21305	14430	14215	528475
6	Green electricity from the grid	kWh		126452	117281	78110	15766	11688	11088	360385
7	Residual heat usage	GJ		540	135	121	55			851
LIGHTING										
550013	HP-Na 600W 400V Conv.	Hour	1	1	1	1				
		Number								
		kWatt	168257	157695	93358	1125				
FERTILIZERS										
545	Calcium nitrate (nitrate o	kg	220	110	220	55	110	165	220	1100
375	Ferrous chelate DTPA 6%	litres	13	6,5	13	3,25	4	7,5	13	60,25
561	Ferrous chelate EDDHA 6%	kg	13	6,5	13	3,25	9	9	13	66,75
935	Kalisalpeter 13+0+38 Multi-K GG	kg	151	66	236	33	118	151	269	1024
572	Magnesium Nitrate 11+0+0	kg	75	20	130	10	65	75	130	505
516	Magnesium sulphate	kg	94	54	134	27	67	94	161	631
575	Manganese sulphate	kg	1,45	0,6	2,3	0,3	1,15	1,45	2,6	9,85
579	Molybdenum (solid)	kg	0,12	0,04	0,2	0,02	0,1	0,12	0,21	0,81
581	Mono-potassium phosphate	kg	60	20	100	10	50	60	110	410
677	Solubor 20.5%	kg	0,97	0,47	1,47	0,235	0,735	0,97	1,705	6,555
603	Urea 46%N	kg	125	40	210	20	105	125	230	855
604	Zinc sulphate (solid)	kg	0,185	0,06	0,31	0,03	0,155	0,185	0,34	1,265

OVERVIEW RECORDED DATA (Continued)

MPS company number: 805277/01
Company name: Gartneriet Rønbæk A/S (total)

Valid: Period 1-2024 until Period 13-2024
Version: 17-1-2025

Code	Description	Unit	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Subtotal
------	-------------	------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	----------

ENVIRONMENTAL CLUSTERS

Indoor crops								
4065 POT PLANTS 5	m2	20000	20000	20000	20000	20000	20000	20000
Subtotal		20000	20000	20000	20000	20000	20000	20000
Certified parental material								
661 MPS-ABC certif.parental mat. indoor	m2	20000	20000	20000	20000	20000	20000	20000