



Certificate

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

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

Applicable to environmental clusters:
POT PLANTS 5

Validity: **27-5-2025 valid up to and including 10-8-2025**
Total points: **103,1**
Qualification: **A+**

Kind regards,
MPS-ECAS

Signature:

Date of issue:
27-5-2025

Drs. R. Landsmeer, Manager ECAS

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

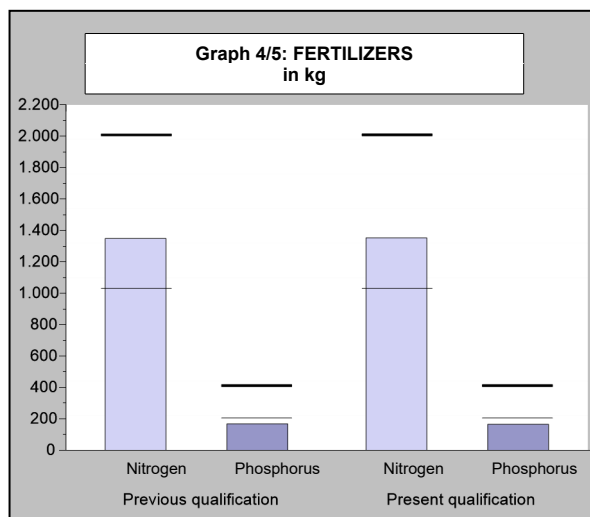
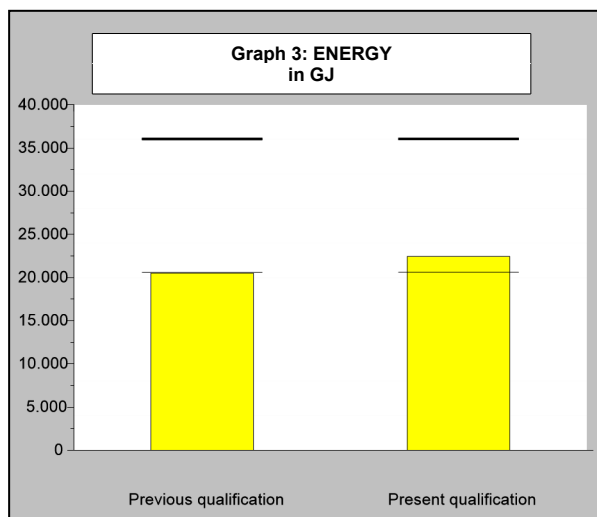
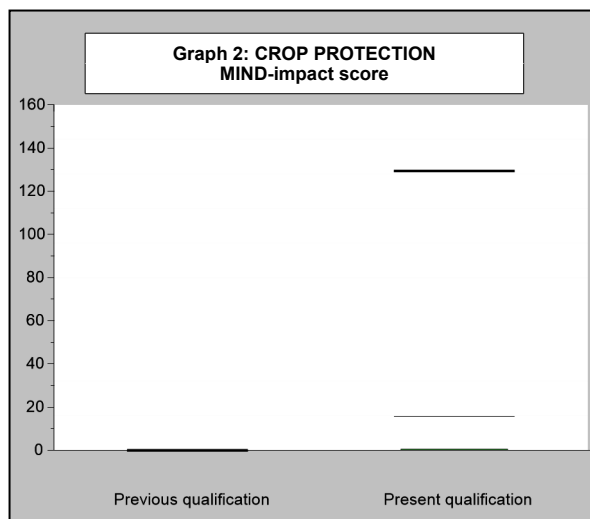
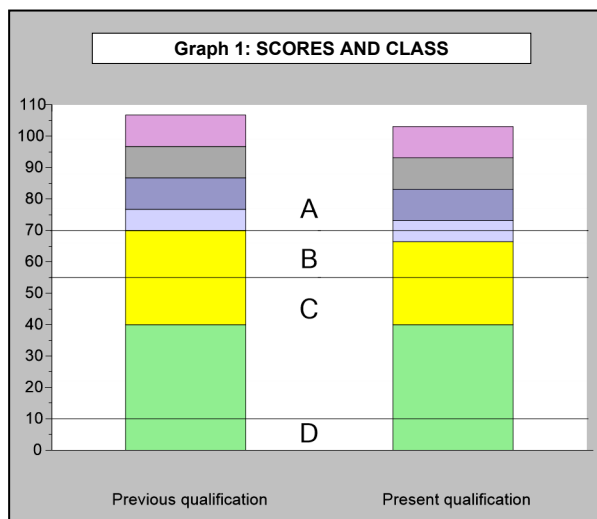
MPS company number: **805277/01**
 Company name: Gartneriet Rønbæk A/S (total)

Valid: Period 5-2024 until Period 4-2025
 Version: 27-5-2025

Table 1: DATA QUALIFICATIONS

SUBJECT		Your Company standard	Your use	Weighting	MIND impact score	Your points	max. points	A+ standard	A+ score	Obtained
		Lower- Upper limit								
Crop protection	Green		0,5	1	0,5					
	Amber		0	1,5	0					
	Red		0	2,4	0					
total		15,8-129,4			0,5	40	40	85 %	100 %	yes
Energy total		20605,1-36058,9 GJ	22454,7			26,4	30	75 %	88 %	yes
Fertilizers	Nitrogen	1030,3-2009 kg	1353,3			6,7	10			
	Phosphorus	206,1-412,1 kg	165,7			10	10			
total						16,7	20	75 %	83,4 %	yes
Waste		0-130	130			10	10			
Water										
Certified parental material						10	10			
Total score (points)						103,1	110	90	103,1	yes
COMPANY QUALIFICATION						A+				

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

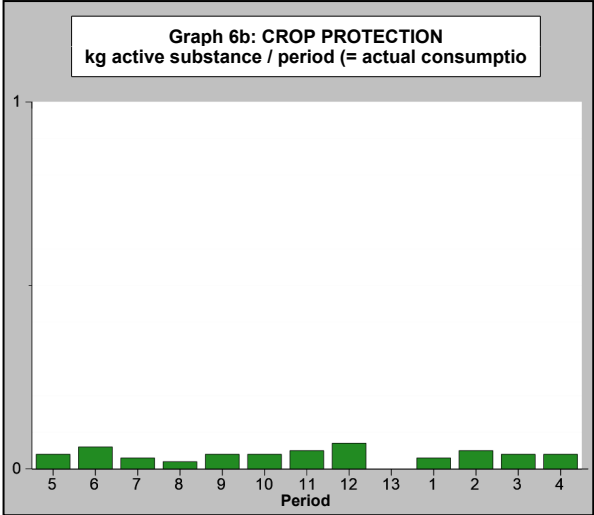
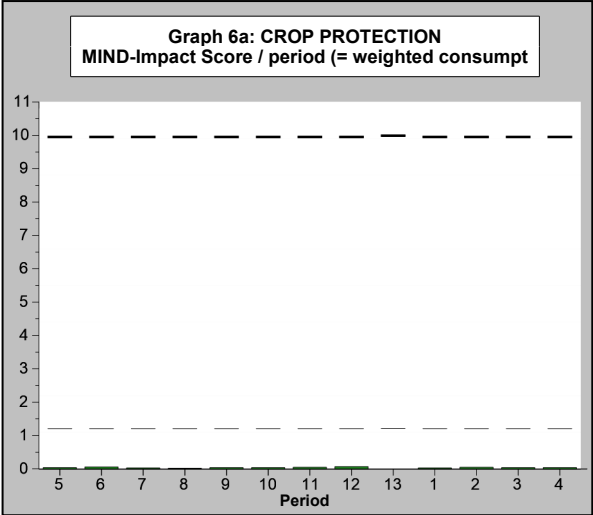


QUALIFICATION AND PERIOD GRAPHS

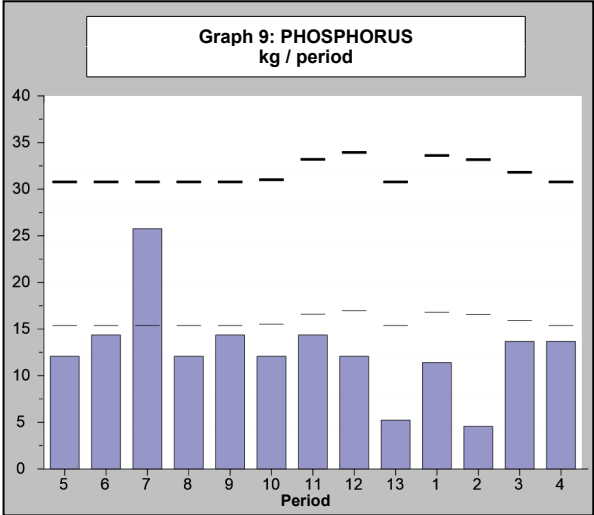
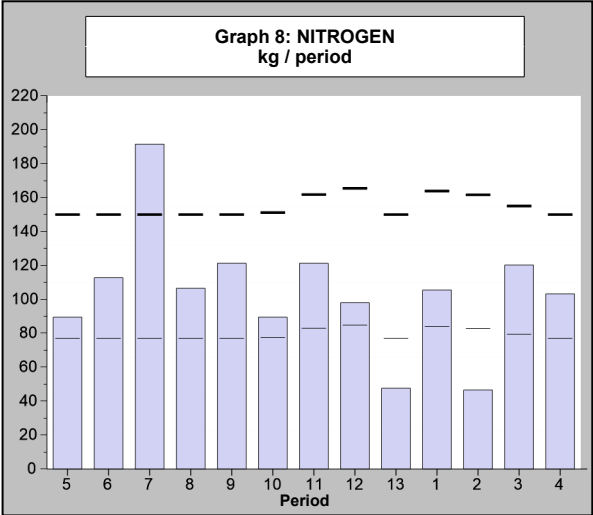
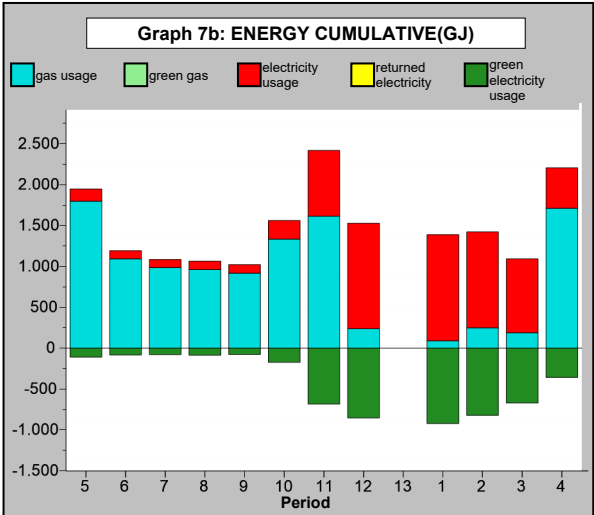
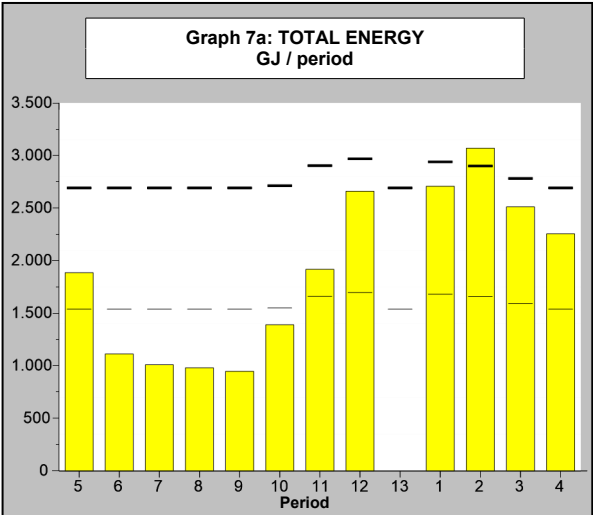
MPS company number: 805277/01
Company name: Gartneriet Rønbæk A/S (total)

Valid: Period 5-2024 until Period 4-2025
Version: 27-5-2025

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



For more information about the MIND-Impact Score, [click here](#)



MPS-Overview Composition of Qualification

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

Valid: Period 5-2024 until Period 4-2025
Version: 27-5-2025

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

THEMA	Basic standard	% OEX	Companystandard	Company-usage
	lower- upper-limit limit		lower- upper-limit limit	
Energy	20000-35000 GJ	3 %	20605,1-36058,9 GJ	22454,7 GJ
Nitrogen (N)	1000-1950 kg	3 %	1030,3-2009 kg	1353,3 kg
Phosphorus (P)	200-400 kg	3 %	206,1-412,1 kg	165,7 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	5	6	7	8	9	10	11	12	13	1	2	3	4
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			MIND impact score
			Green	Amber	Red	
Configure	●	6-benzylaminopurine	0,568			0,568
ReduClean	○	shading agent/coating remover				
Redusol	○	shadingmaterial/ coating				
Silwet Gold	○	heptamethyltrisiloxane				
Annual company use of active substance			0,568	0	0	0,568

OVERVIEW RECORDED DATA

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

Valid: Period 5-2024 until Period 4-2025
Version: 27-5-2025

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											
3787	Configure	ml	2650	3900		1700	2850	2350	2050	15500	28400
3301	ReduClean	ml	30769	30769	30769					92307	276923
3320	Redusol	ml	76462	76462	76462					229386	688154
340393	Silwet Gold	ml	1462	1462	1462					4386	13154
WATER											
21	Total irrigation	m3	918	796		802	788	824	899	5027	10689
ENERGY											
1	Gas consumption	m3	46032	6801		2616	7155	5396	48800	116800	319050
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	146322	234765		236045	213225	164525	89957	1084839	1227182
6	Green electricity from the grid	kWh	124374	154945		167592	149258	121749	64769	782687	892171
7	Residual heat usage	GJ	209	2280		2575	2837	2400	465	10766	10820
LIGHTING											
550013	HP-Na 600W 400V Conv.	Hour	1	1		1	1	1			
		Number									
		kWatt	164758	215489		193080	162256	70241			
FERTILIZERS											
545	Calcium nitrate (nitrate o	kg	220	165	110	220	110	220	110	1155	2200
375	Ferrous chelate DTPA 6%	litres	13	9,75	6,5	13	6,5	13	6,5	68,25	125,25
561	Ferrous chelate EDDHA 6%	kg	13	9,75	6,5	13	6,5	13	6,5	68,25	131,75
665	Jernvitriol Fe 20%	kg	0,516	0,516	0,518					1,55	4,646
935	Kalisalpeter 13+0+38 Multi-K GG	kg	151	118	66	118	66	151	151	821	1746
638	Kalk	kg	61,938	61,938	61,944					185,82	557,448
572	Magnesium Nitrate 11+0+0	kg	75	65	20	65	20	75	75	395	870
516	Magnesium sulphate	kg	94	67	54	67	54	94	94	524	1074
575	Manganese sulphate	kg	1,45	1,15	0,6	1,15	0,6	1,45	1,45	7,85	16,8
579	Molybdenum (solid)	kg	0,12	0,1	0,04	0,1	0,04	0,12	0,12	0,64	1,39
581	Mono-potassium phosphate	kg	60	50	20	50	20	60	60	320	700
1084	Multi-Mix 10+15+15 (+4MgO+5CaO)	kg	10,323	10,323	10,324					30,97	92,908
	+ME										

OVERVIEW RECORDED DATA (Continued)

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

Valid: Period 5-2024 until Period 4-2025
Version: 27-5-2025

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

677	Solubor 20.5%	kg	0,97	0,735	0,47	0,735	0,47	0,97	0,97	5,32	11,17
603	Urea 46%N	kg	125	105	40	105	40	125	125	665	1460
604	Zinc sulphate (solid)	kg	0,185	0,155	0,06	0,155	0,06	0,185	0,185	0,985	2,16

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		

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%

OVERVIEW RECORDED DATA (Continued)

MPS company number: 805277/01
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GENERAL INFORMATION FORM

MPS-OEX

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

OVERVIEW RECORDED DATA

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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									
3787	Configure	ml	2150	3000	1750	1350	2350	2300	12900
3301	ReduClean	ml	30769	30769	30769	30769	30769	30769	184614
3320	Redusol	ml	76462	76462	76462	76462	76462	76462	458772
340393	Silwet Gold	ml	1462	1462	1462	1462	1462	1462	8772
WATER									
21	Total irrigation	m3	845	974	965	1001	989	888	5662
ENERGY									
1	Gas consumption	m3	51289	31161	28137	27416	26202	38045	202250
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	26940	18247	17975	18971	18880	41330	142343
6	Green electricity from the grid	kWh	19935	14780	14020	15556	13782	31411	109484
7	Residual heat usage	GJ	55						55
LIGHTING									
550013	HP-Na 600W 400V Conv.	Hour						1	
		Number							
		kWatt						16742	
FERTILIZERS									
545	Calcium nitrate (nitrate o	kg	110	165	220	220	220	110	1045
375	Ferrous chelate DTPA 6%	litres	4	7,5	13	13	13	6,5	57
561	Ferrous chelate EDDHA 6%	kg	9	9	13	13	13	6,5	63,5
665	Jernvitriol Fe 20%	kg	0,516	0,516	0,516	0,516	0,516	0,516	3,096
935	Kalisalpeter 13+0+38 Multi-K GG	kg	118	151	269	118	151	118	925
638	Kalk	kg	61,938	61,938	61,938	61,938	61,938	61,938	371,628
572	Magnesium Nitrate 11+0+0	kg	65	75	130	65	75	65	475
516	Magnesium sulphate	kg	67	94	161	67	94	67	550
575	Manganese sulphate	kg	1,15	1,45	2,6	1,15	1,45	1,15	8,95
579	Molybdenum (solid)	kg	0,1	0,12	0,21	0,1	0,12	0,1	0,75
581	Mono-potassium phosphate	kg	50	60	110	50	60	50	380
1084	Multi-Mix 10+15+15 (+4MgO+5CaO)	kg	10,323	10,323	10,323	10,323	10,323	10,323	61,938
	+ME								

OVERVIEW RECORDED DATA (Continued)

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

677	Solubor 20.5%	kg	0,735	0,97	1,705	0,735	0,97	0,735	5,85
603	Urea 46%N	kg	105	125	230	105	125	105	795
604	Zinc sulphate (solid)	kg	0,155	0,185	0,34	0,155	0,185	0,155	1,175

ENVIRONMENTAL CLUSTERS

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