



Certificate

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

**Gartneriet Broløkke
Brogårdsvej 66
5250 ODENSE
Denmark
MPS-number: 800519**

Applicable to environmental clusters:

HERBS AS POTPLANT; HERBACEOUS PERENNIALS

POT PLANTS 6; POT PLANTS REMAINDER; HERB. PERENNIALS Container; POTPLANTS outdoors

Validity: **12-8-2025 valid up to and including 2-11-2025**

Total points: **107.4**

Qualification: **A+**

Kind regards,
MPS-ECAS

Signature:

Date of issue:
12-8-2025

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: **800519/01**
 Company name: Gartneriet Broløkke (total)

Valid: Period 8-2024 until Period 7-2025
 Version: 8/12/2025

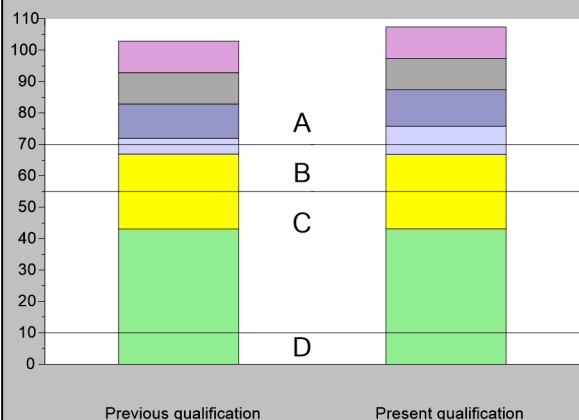
Table 1: DATA QUALIFICATIONS

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		6.4	1	6.4					
	Amber		0.4	1.5	0.6					
	Red		0	2.4	0					
total		14.9-138.2			7	43.1	43.1	85 %	100 %	yes
Energy total		14498.1-24524.1 GJ	7758.4			23.7	23.7	75 %	100 %	yes
Fertilizers	Nitrogen	590.5-1621.3 kg	821.6			9	11.6			
	Phosphorus	153.3-486 kg	115.9			11.6	11.6			
total						20.6	23.1	75 %	88.7 %	yes
Waste		0-130	130			10	10			
Water										
Certified parental material						10	10			
Total score (points)						107.4	110	90	107.4	yes
COMPANY QUALIFICATION						A+				

COMPANY USAGE PER 13 PERIODS

<-----> = Upper limit <.....> = Lower limit

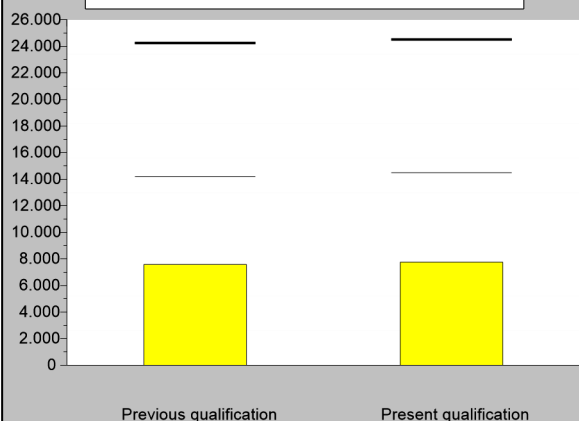
Graph 1: SCORES AND CLASS



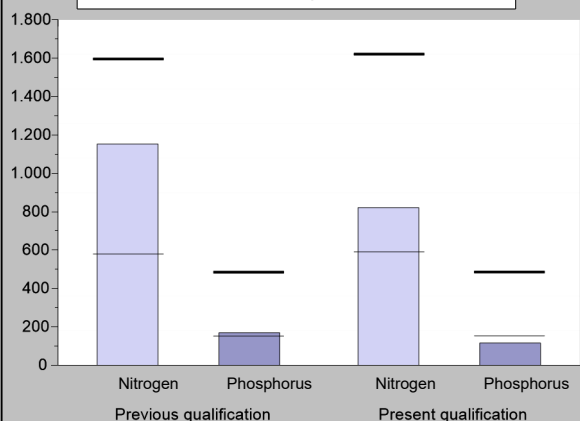
**Graph 2: CROP PROTECTION
MIND-impact score**



**Graph 3: ENERGY
in GJ**



**Graph 4/5: FERTILIZERS
in kg**

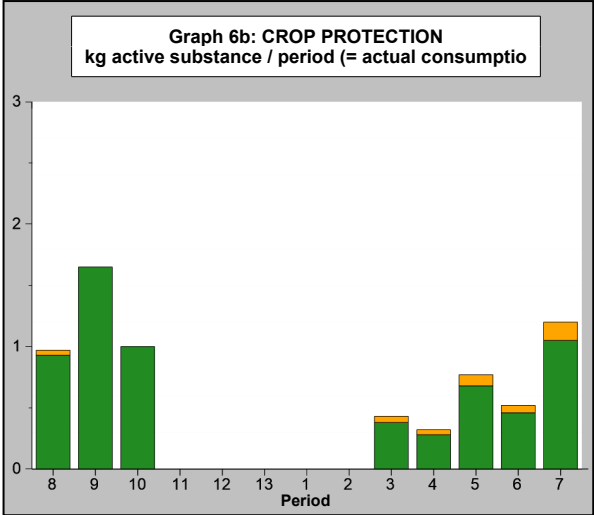
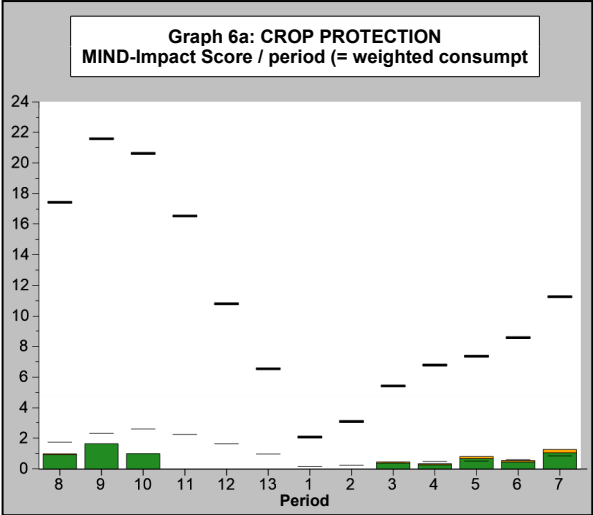


QUALIFICATION AND PERIOD GRAPHS

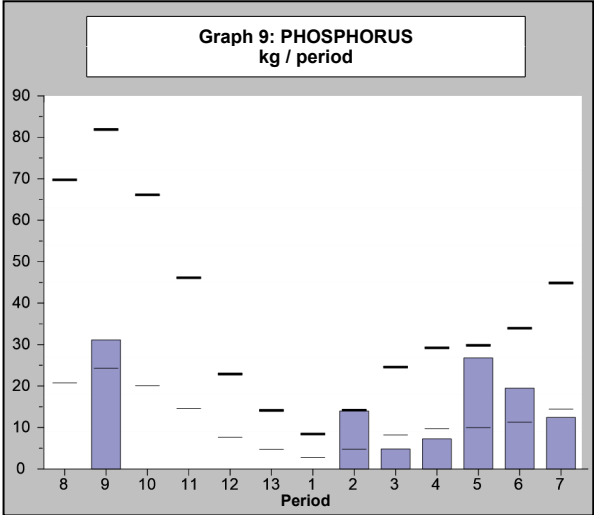
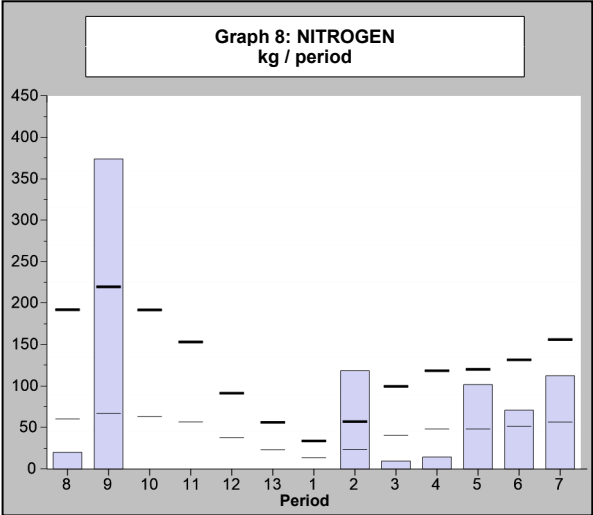
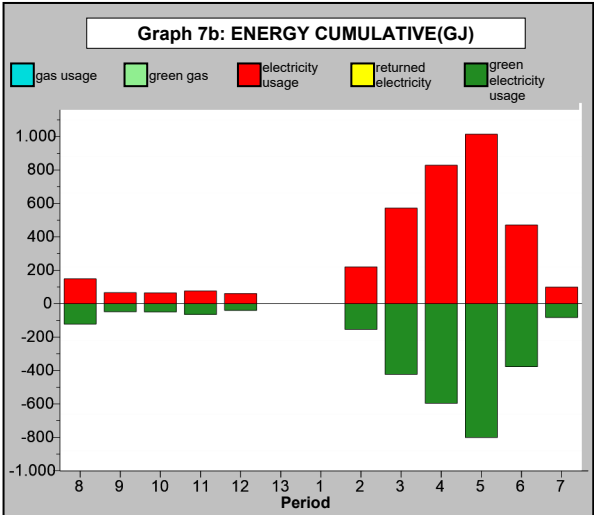
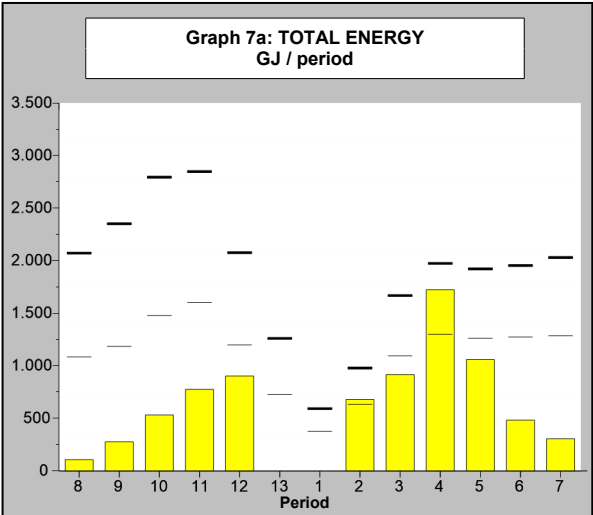
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<-----> = Upperlimit <-----> = Lowerlimit



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



MPS-Overview Composition of Qualification

MPS company number: **800519/01**
 Company name: Gartneriet Broløkke (total)

Valid: Period 8-2024 until Period 7-2025
 Version: 8/12/2025

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	11653.6-19937.8 GJ	23 %	14498.1-24524.1 GJ	7758.4 GJ
Nitrogen (N)	489.9-1378.4 kg	17.6 %	590.5-1621.3 kg	821.6 kg
Phosphorus (P)	133.3-425.9 kg	14.1 %	153.3-486 kg	115.9 kg

Composition of points MPS environmentally certified parental material

Certified parental material	(Average) area	Your Points	Max points
Total cultivated area 1)	17290.4 m2		
Area certified parental material MPS-ABC	17290.4 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	8	9	10	11	12	13	1	2	3	4	5	6	7
Environmental	Zone 6	Zone 6	Zone 6	Zone 6	Zone 6	Zone 6	Zone 6	Zone 6	Zone 6	Zone 6	Zone 6	Zone 6	Zone 6

Company usage of MPS-MIND

Pesticide	Indicator color	active ingredient	Annual company use of active substance			MIND impact score
			Green	Amber	Red	
Caryx	●	mepiquat chloride	3.240			3.240
	●	metaconazole		0.463		0.694
Elasto G5	○	wetting/sticker agents other				
Ferrox Sneglemiddel	●	ferric phosphate	1.050			1.050
Fiba-Zorb (liquid)	○	wetting/sticker agents other				
Gnatrol SC	○	bacillus thuringiensis				
Mavrik	●	tau-fluvalinate	2.160			2.160
MK Boden (Multikraft)	○	bacteria				
	○	lactic acid				
	○	sugar				
	○	yeast				
Mycotal	○	verticillium lecanii / lecanicillium				
VectoBac 12 AS	○	bacillus thuringiensis				
Annual company use of active substance			6.450	0.463	0	7.144

OVERVIEW RECORDED DATA

MPS company number: 800519/01

Company name: Gartneriet Broløkke (total)

Valid: Period 8-2024 until Period 7-2025

Version: 8/12/2025

Code	Description	Unit	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Subtotal	Year total
FORM RECEIVED			yes	yes	yes	yes	yes	yes	yes		
CROP PROTECTION AGENTS											
3352	Caryx	ml			1850	1340	3240	2200	5000	13630	15430
3305	Elasto G5	ml			5300	2200	5400	4000	6750	23650	25250
3327	Ferrox Sneglemiddel	grams									35000
3348	Fiba-Zorb (liquid)	ml		7400	4950	7400	7150	9750		36650	36650
3366	Gnatrol SC	ml									80000
3944	Mavrik	ml									9000
3906	MK Boden (Multikraft)	ml									1000000
3084	Mycotal	grams									1500
3123	Nematoder Million	number									1750
990515	Steinernema feltiae	number									530769231
3241	VectoBac 12 AS	ml									36923
WATER											
21	Total irrigation	m3									12837
ENERGY											
4	Electricity from the grid (Total)	kWh		40053	103921	150530	184267	85578	18044	582393	658030
6	Green electricity from the grid	kWh		28037	76902	108382	145571	68462	14977	442331	501212
7	Residual heat usage	GJ		706	882	1715	972	446	332	5053	7926
LIGHTING											
550026	HP-Na 1000W 400V EVSA	Hour	1	1	1	1		1	1		
		Number									
		kWatt	26857	96182	139770	174049		75288	8060		
FERTILIZERS											
1067	Acadian Oplosning af Tangekstrakt 0+0+4.2 (liquid)	litres		10				10		20	20
513	Ammonium nitrate	kg		25			100	50	50	225	275
519	Calcium chloride 80%/85%	kg		25			50	25	25	125	150
545	Calcium nitrate (nitrate o	kg		50			200	50	50	350	375
316	Ferrous chelate DTPA 3%	litres		20			40	20	20	100	120
665	Jernvitriol Fe 20%	kg									20.766
935	Kalisalpeter 13+0+38 Multi-K GG	kg					150			150	175
647	Kaliumsulfat (44% K2O)	kg					50	25		75	75

OVERVIEW RECORDED DATA (Continued)

MPS company number: 800519/01
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Valid: Period 8-2024 until Period 7-2025
Version: 8/12/2025

Code	Description	Unit	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Subtotal	Year total
FERTILIZERS (Continued)											
638	Kalk	kg		666	445.5	685.6	700.7	955.5		3453.3	3453.3
932	KobberSupport 20 Kobberchelate	litres					20		10	30	40
1076	Ligoplex Ca	litres									35
516	Magnesium sulphate	kg		125			250	225	125	725	850
903	Manganchelat 3	litres					20			20	40
666	Micromax (7.5%CaO+12%Fe+37.5%SO3)	kg		7.4	4.95	7.4	7.15	9.75		36.65	36.65
580	Mono-ammonium phosphate	kg		25			25		25	75	75
581	Mono-potassium phosphate	kg					25		25	50	50
942	Multicote 15+3+12+Mg+mikro	kg									1050
444	NPK 14+7+15	kg		103.6	69.06	103.6	100.1	136.5		512.86	512.86
413	Phosphoric Acid 75%	litres					25			25	25
412	Phosphorsyre 75%	litres						25		25	25
907	Pioner Basis Brun 14+2+23+Mg+Mikro	kg						200		200	200
970	Rexolin Q48	kg		5			5			10	10
414	Salpetersyre 62%	litres		815					815	1630	3670
939	Saltpoletter	kg									300
582	Sodium molybdenum (solid)	kg									4
386	Zinc sulphate (liquid)	litres					20			20	20

ENVIRONMENTAL CLUSTERS

Indoor crops											
4058	HERBACEOUS PERENNIALS	m2									
4066	POT PLANTS 6	m2									
4070	POT PLANTS REMAINDER	m2	1163	1100	1100	1100	1100	1100	1100		
4075	HERBS AS POTPLANT	m2	1650	3432	7326	9622	9622	9622	9622		
Subtotal			2813	4532	8426	10722	10722	10722	10722		
Outdoor crops											
4044	POTPLANTS outdoors	m2						1000	5714		
4114	HERB. PERENNIALS Container	m2	500	500	500	500	1946	4000	6000		
Subtotal			500	500	500	500	1946	5000	11714		
Certified parental material											
661	MPS-ABC certif.parental mat. indoor	m2	2813	4532	8426	10722	10722	10722	10722		
663	MPS-ABC certif.parental mat. outdoor	m2	500	500	500	500	1946	5000	11714		

OVERVIEW RECORDED DATA (Continued)

MPS company number: 800519/01
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Valid: Period 8-2024 until Period 7-2025
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Code	Description	Unit	Period	Period	Period	Period	Period	Period	Period	Subtotal	Year total
			1	2	3	4	5	6	7		

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 metres / < 820 feet

Cover

3910

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

no

3901

What is the percentage of protected cultivation for this location (protected surface/total recorded surface for location)?

0 - 25% covered crops

3909

When a plot used for outdoor crops is close to surface water, is the plot separated from the water by a wind-break or a crop free zone of at least three metres

yes

Slope

3902

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

3 - 10%

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)?

3 - 15 metres / 9,8 - 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?

95% or more

CO2

3953

Do you apply CO2?

Yes

3954

If yes, on what percentage of your heated greenhouse area?

100

3955

If you apply CO2, do you have a closed greenhouse (without ventilation windows)?

Yes

3956

If yes, what percentage of the greenhouse with CO2 is a closed greenhouse?

100

Substrate

3957

Do you cultivate cut flowers on substrate?

No

OVERVIEW RECORDED DATA (Continued)

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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?	Yes
3966	If yes, on what percentage of your greenhouse area?	38
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

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Code	Description	Unit	Period 8	Period 9	Period 10	Period 11	Period 12	Period 13	Subtotal
FORM RECEIVED			yes	yes	yes	yes	yes	yes	
CROP PROTECTION AGENTS									
3352	Caryx	ml	1600		200				1800
3305	Elasto G5	ml	1600						1600
3327	Ferrox Sneglemiddel	grams	20000	15000					35000
3348	Fiba-Zorb (liquid)	ml							
3366	Gnatrol SC	ml	10000	20000	30000	20000			80000
3944	Mavrik	ml		5000	4000				9000
3906	MK Boden (Multikraft)	ml				1000000			1000000
3084	Mycotal	grams			1500				1500
3123	Nematoder Million	number	583	1167					1750
990515	Steinernema feltiae	number	88461538	88461538	88461538	88461538	88461538	88461538	530769228
3241	VectoBac 12 AS	ml	6154	6154	6154	6154	6154	6154	36924
WATER									
21	Total irrigation	m3						12837	12837
ENERGY									
4	Electricity from the grid (Total)	kWh	26989	12030	11758	13853	11007		75637
6	Green electricity from the grid	kWh	22128	8781	8935	11773	7264		58881
7	Residual heat usage	GJ	92	297	593	878	1014		2874
LIGHTING									
550026	HP-Na 1000W 400V EVSA	Hour			1	1	1	1	
		Number							
		kWatt			2929	2279	2309	4187	
FERTILIZERS									
1067	Acadian Oplosning af Tangekstrakt 0+0+4.2 (liquid)	litres							
513	Ammonium nitrate	kg	50						50
519	Calcium chloride 80%/85%	kg	25						25
545	Calcium nitrate (nitrate o	kg		25					25
316	Ferrous chelate DTPA 3%	litres	20						20
665	Jernvitriol Fe 20%	kg	3.462	3.462	3.462	3.462	3.462	3.456	20.766
935	Kalisalpeter 13+0+38 Multi-K GG	kg	25						25
647	Kaliumsulfat (44% K2O)	kg							

OVERVIEW RECORDED DATA (Continued)

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Code	Description	Unit	Period 8	Period 9	Period 10	Period 11	Period 12	Period 13	Subtotal
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FERTILIZERS (Continued)

638	Kalk	kg							
932	KobberSupport 20 Kobberchelate	litres	10						10
1076	Ligoplex Ca	litres		15	20				35
516	Magnesium sulphate	kg	125						125
903	Manganchelat 3	litres	20						20
666	Micromax (7.5%CaO+12%Fe+37.5%SO3)	kg							
580	Mono-ammonium phosphate	kg							
581	Mono-potassium phosphate	kg							
942	Multicote 15+3+12+Mg+mikro	kg		1050					1050
444	NPK 14+7+15	kg							
413	Phosphoric Acid 75%	litres							
412	Phosphorsyre 75%	litres							
907	Pioner Basis Brun 14+2+23+Mg+Mikro	kg							
970	Rexolin Q48	kg							
414	Salpetersyre 62%	litres		2040					2040
939	Saltpoletter	kg			300				300
582	Sodium molybdenum (solid)	kg	1		3				4
386	Zinc sulphate (liquid)	litres							

ENVIRONMENTAL CLUSTERS

Indoor crops									
4058	HERBACEOUS PERENNIALS	m2	3000	3000	1179				
4066	POT PLANTS 6	m2	1607	3272	6358	6472	6049	3536	
4070	POT PLANTS REMAINDER	m2	1350	1250	2750	4250	2016	1350	
4075	HERBS AS POTPLANT	m2	4613	3200	114				
	Subtotal		10570	10722	10401	10722	8065	4886	
Outdoor crops									
4044	POTPLANTS outdoors	m2	22321	27500	18446	8000			
4114	HERB. PERENNIALS Container	m2	3661	5000	3143	1000	518	500	
	Subtotal		25982	32500	21589	9000	518	500	
Certified parental material									
661	MPS-ABC certif.parental mat. indoor	m2	10570	10722	10401	10722	8066	4886	
663	MPS-ABC certif.parental mat. outdoor	m2	25982	32500	21589	9000	518	500	

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Code	Description	Unit	Period	Period	Period	Period	Period	Period	Subtotal
			8	9	10	11	12	13	

Certified parental material