



Certificate

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

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

Applicable to environmental clusters:

HERB. PERENNIALS Container; HERBACEOUS PERENNIALS; POT PLANTS 6
POT PLANTS REMAINDER; POTPLANTS outdoors; POT PLANTS REMAIN. par-mat; HERBS AS POTPLANT

Validity: **29-1-2025 valid up to and including 18-5-2025**

Total points: **105,8**

Qualification: **A+**

Kind regards,
MPS-ECAS

Signature:

Drs. R. Landsmeer, Manager Operations

Date of issue:
29-1-2025

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

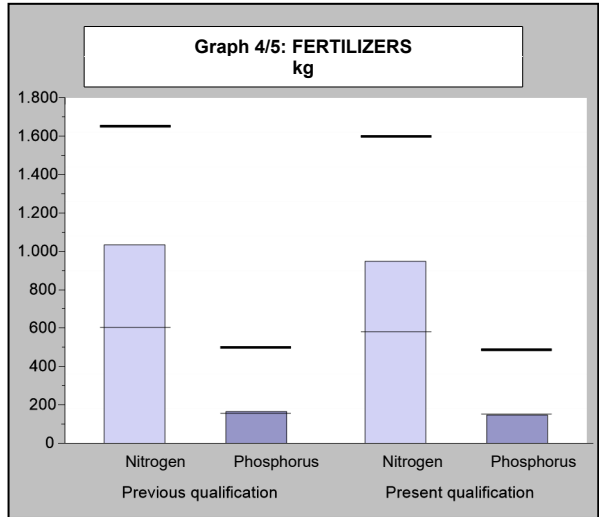
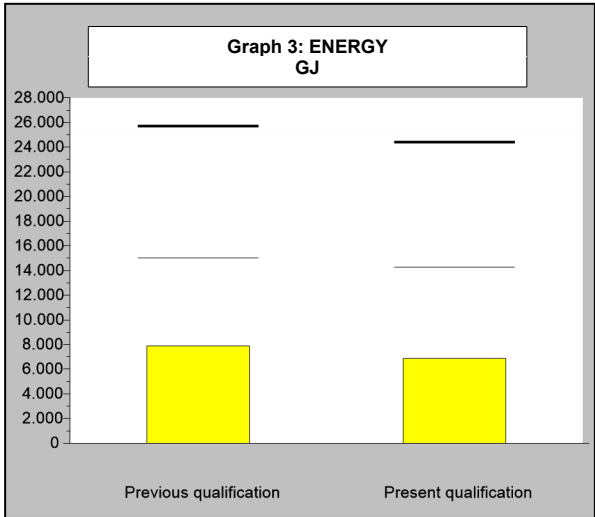
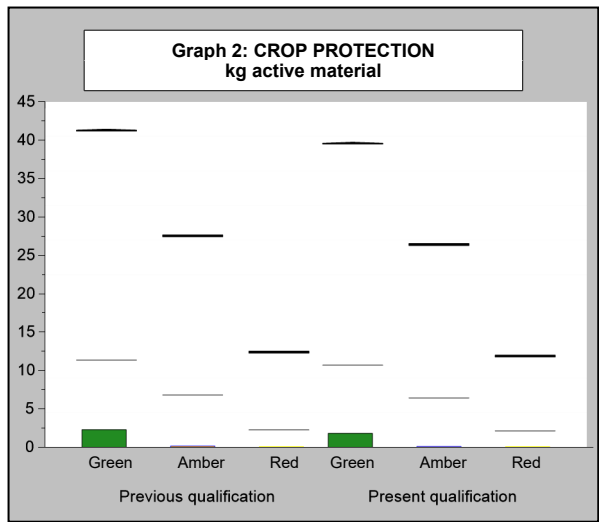
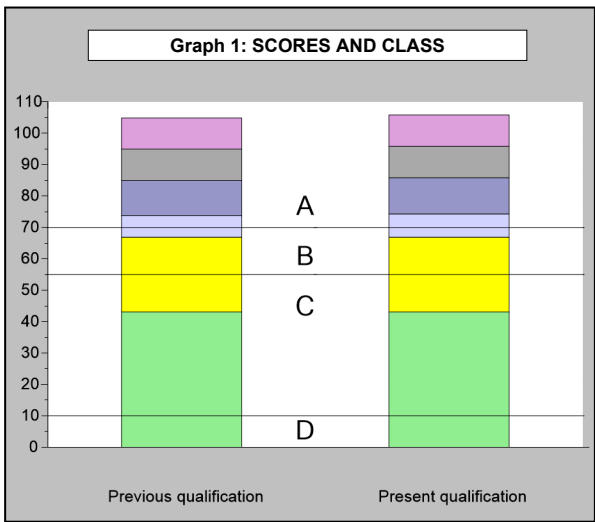
MPS company number: **800519/01**
 Company name: Gartneriet Broløkke (total)

Valid: Period 1-2024 until Period 13-2024
 Version: 29-1-2025

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	10,7-39,6 kg	1,8	12,9	12,9			
	Amber	6,4-26,4 kg	0,1	17,2	17,2			
	Red	2,1-11,9 kg	0,1	12,9	12,9			
total				43,1	43,1	85 %	100 %	yes
Energy total		14268,9-24413,7 GJ	6876,3	23,8	23,8	75 %	100 %	yes
Fertilizers	Nitrogen	580,6-1599,2 kg	948,2	7,4	11,5			
	Phosphorus	152,5-487,7 kg	147,5	11,5	11,5			
total				18,9	23,1	75 %	81,9 %	yes
Waste		0-130	130	10	10			
Water								
Certified parental material				10	10			
Total score (points)				105,8	110	90	105,8	yes
COMPANY QUALIFICATION				A+				

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

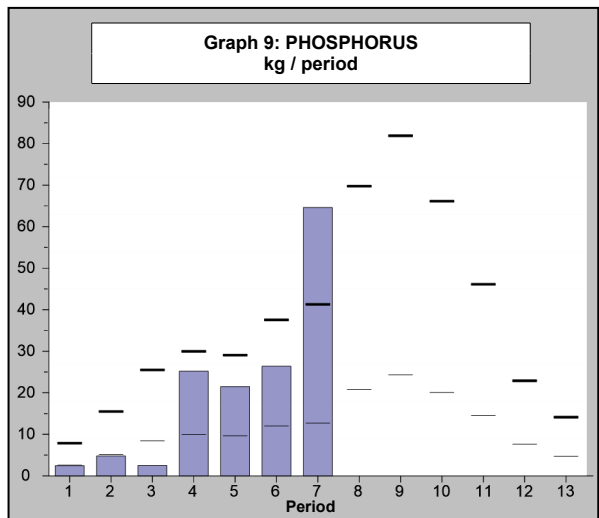
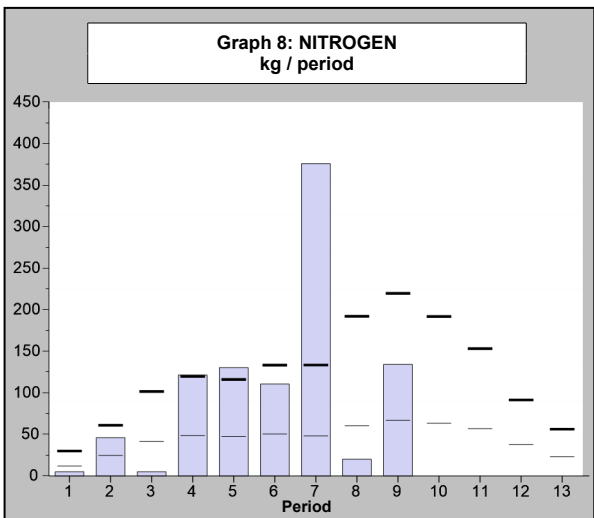
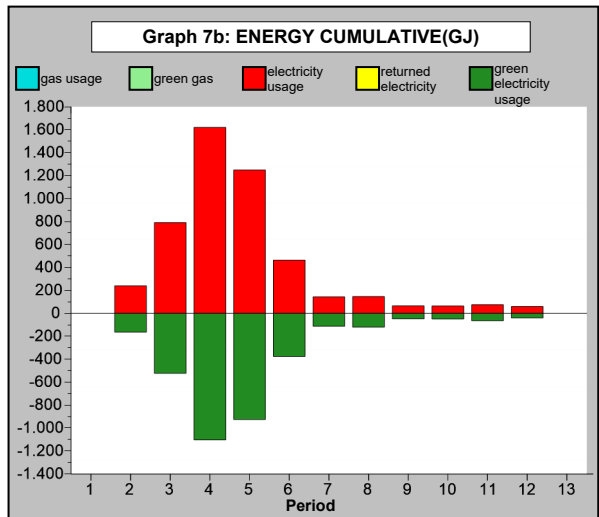
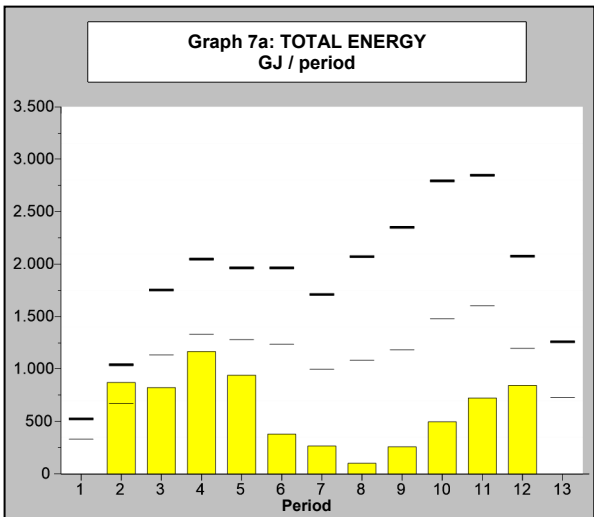
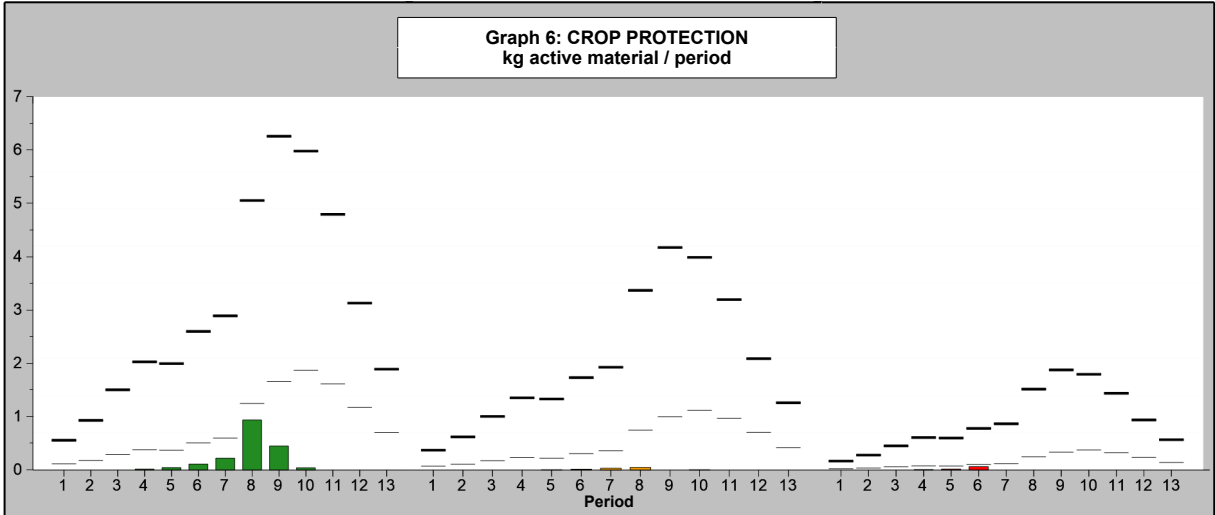


QUALIFICATION AND PERIOD GRAPHS

MPS company number: **800519/01**
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Valid: Period 1-2024 until Period 13-2024
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<-----> = Upperlimit <.....> = Lowerlimit



MPS-Overview Composition of Qualification

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

Valid: Period 1-2024 until Period 13-2024
 Version: 29-1-2025

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				10,7-39,6 kg	1,8 kg
	Amber				6,4-26,4 kg	0,1 kg
	Red				2,1-11,9 kg	0,1 kg
Energy		11358,5-19696,6 GJ		23,9 %	14268,9-24413,7 GJ	6876,3 GJ
Nitrogen (N)		477,3-1350,5 kg		18,4 %	580,6-1599,2 kg	948,2 kg
Phosphorus (P)		132,2-426,1 kg		14,5 %	152,5-487,7 kg	147,5 kg

Composition of points MPS environmentally certified parental material

Certified parental material	(Average) area	Your Points	Max points
Total cultivated area 1)	17095,3 m2		
Area certified parental material MPS-ABC	17095,3 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 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		
			Green	Amber	Red
BotaniGard WP	○	beauveria bassiana			
Caryx	●	mepiquat chloride	0,743		
	●	metaconazole		0,106	
Elasto G5	○	wetting/sticker agents other			
Ferrox Sneglemiddel	●	ferric phosphate	1,050		
Fiba-Zorb (liquid)	○	wetting/sticker agents other			
Gnatrol SC	○	bacillus thuringiensis			
Pirouette	●	paclobutrazol			0,087
Teppeki	●	flonicamid	0,026		
Annual company use of active substance			1,819	0,106	0,087

OVERVIEW RECORDED DATA

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

Valid: Period 1-2024 until Period 13-2024
 Version: 29-1-2025

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										
3794	BotaniGard WP	grams	200	400	750				1350	1350
3352	Caryx	ml	1600		200				1800	3540
3305	Elasto G5	ml	1600						1600	23650
3327	Ferrox Sneglemiddel	grams	20000	15000					35000	35000
3348	Fiba-Zorb (liquid)	ml								36700
3366	Gnatrol SC	ml	10000	20000	30000				60000	60000
3123	Nematoder Million	number	400	800					1200	1200
3271	Pirouette	ml								21750
3293	Teppeki	grams								51
ENERGY										
4	Electricity from the grid (Total)	kWh	26596	11855	11587	13651	10847		74536	894612
6	Green electricity from the grid	kWh	21809	8654	8806	11603	7159		58031	640007
7	Residual heat usage	GJ	86	277	554	820	947		2684	6294
LIGHTING										
550026	HP-Na 1000W 400V EVSA	Hour			1	1	1	1		
		Number								
		kWatt			2929	2279	2309	4187		
FERTILIZERS										
513	Ammonium nitrate	kg	50						50	375
303	Ammonium sulphate	litres								25
519	Calcium chloride 80%/85%	kg	25						25	175
545	Calcium nitrate (nitrate o	kg		25					25	325
316	Ferrous chelate DTPA 3%	litres	20						20	140
526	Ferrous chelate DTPA 6%	kg								55
935	Kalisalpeter 13+0+38 Multi-K GG	kg	25						25	1725
647	Kaliumsulfat (44% K2O)	kg								225
638	Kalk	kg								3528
932	KobberSupport 20 Kobberchelat	litres	10						10	60
967	Lebosol Calcium 16.7%	litres								20
1076	Ligoplex Ca	litres		15	20				35	45
516	Magnesium sulphate	kg	125						125	975
903	Manganchelat 3	litres	20						20	80

OVERVIEW RECORDED DATA (Continued)

MPS company number: **800519/01**

Valid: Period 1-2024 until Period 13-2024

Company name: Gartneriet Broløkke (total)

Version: 29-1-2025

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

666	Micromax (7.5%CaO+12%Fe+37.5% SO3)	kg								39,2
580	Mono-ammonium phosphate	kg								75
581	Mono-potassium phosphate	kg								75
942	Multicote 15+3+12+Mg+mikro	kg								1050
444	NPK 14+7+15	kg								548,8
412	Phosporsyre 75%	litres								65
907	Pioner Basis Brun 14+2+23+Mg+Mikro	kg								1200
414	Salpetersyre 62%	litres		1250					1250	1250
939	Saltpoletter	kg			300				300	500
582	Sodium molybdenum (solid)	kg	1		3				4	6
933	ZinkSupport 20	litres								20

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					
5070	POT PLANTS REMAIN. par-mat	m2								
	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		

OVERVIEW RECORDED DATA (Continued)

MPS company number: **800519/01**
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Valid: Period 1-2024 until Period 13-2024
Version: 29-1-2025

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

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

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: 29-1-2025

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										
3794	BotaniGard WP	grams								
3352	Caryx	ml					210	480	1050	1740
3305	Elasto G5	ml				6000	4000	11000	1050	22050
3327	Ferrox Sneglemiddel	grams								
3348	Fiba-Zorb (liquid)	ml	2500	2400	2550	7350	4700	9700	7500	36700
3366	Gnatrol SC	ml								
3123	Nematoder Million	number								
3271	Pirouette	ml				1800	4350	15600		21750
3293	Teppeki	grams				34		17		51
ENERGY										
4	Electricity from the grid (Total)	kWh		43716	143891	294828	227269	84280	26092	820076
6	Green electricity from the grid	kWh		29727	94968	200483	168179	68267	20352	581976
7	Residual heat usage	GJ		914	637	745	709	335	270	3610
LIGHTING										
550026	HP-Na 1000W 400V EVSA	Hour	1	1	1	1	1	1	1	
		Number								
		kWatt	26441	131495	282247	214826	72769	14873	15946	
FERTILIZERS										
513	Ammonium nitrate	kg		25		75	125	100		325
303	Ammonium sulphate	litres				25				25
519	Calcium chloride 80%/85%	kg		25		25	50	50		150
545	Calcium nitrate (nitrate o	kg		50		100	100	50		300
316	Ferrous chelate DTPA 3%	litres		20		20	40	40		120
526	Ferrous chelate DTPA 6%	kg				25	25	5		55
935	Kalisalpeter 13+0+38 Multi-K GG	kg		150		450	450	350	300	1700
647	Kaliumsulfat (44% K2O)	kg		25		125	25	50		225
638	Kalk	kg	225	441	229,5	661,5	423	873	675	3528
932	KobberSupport 20 Kobberchelat	litres		10		10	10	20		50
967	Lebosol Calcium 16.7%	litres						20		20
1076	Ligoplex Ca	litres					10			10
516	Magnesium sulphate	kg		125		225	250	250		850
903	Manganchelat 3	litres		20			20	20		60

OVERVIEW RECORDED DATA (Continued)

MPS company number: **800519/01**

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Company name: **Gartneriet Broløkke (total)**

Version: **29-1-2025**

Code	Description	Unit	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Subtotal
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FERTILIZERS (Continued)

666	Micromax (7.5%CaO+12%Fe+37.5% SO3)	kg	2,5	4,9	2,55	7,35	4,7	9,7	7,5	39,2
580	Mono-ammonium phosphate	kg				25	25	25		75
581	Mono-potassium phosphate	kg				25	25	25		75
942	Multicote 15+3+12+Mg+mikro	kg							1050	1050
444	NPK 14+7+15	kg	35	68,6	35,7	102,9	65,8	135,8	105	548,8
412	Phosporsyre 75%	litres				25	20	20		65
907	Pioner Basis Brun 14+2+23+Mg+Mikro	kg							1200	1200
414	Salpetersyre 62%	litres								
939	Saltpoletter	kg				200				200
582	Sodium molybdenum (solid)	kg					1	1		2
933	ZinkSupport 20	litres		20						20

ENVIRONMENTAL CLUSTERS

Indoor crops

4058	HERBACEOUS PERENNIALS	m2						536	3000	
4066	POT PLANTS 6	m2								
4070	POT PLANTS REMAINDER	m2	300	300	1011	1600	1600	1600	1600	
4075	HERBS AS POTPLANT	m2	1650	3807	6203	8854	9122	8586	6122	
5070	POT PLANTS REMAIN. par-mat	m2	500	500	500	268				
	Subtotal		2450	4607	7713	10722	10722	10722	10722	

Outdoor crops

4044	POTPLANTS outdoors	m2	500	500	500	500	500	4625	8250	
4114	HERB. PERENNIALS Container	m2						1500	2250	
	Subtotal		500	500	500	500	500	6125	10500	

Certified parental material

661	MPS-ABC certif.parental mat. indoor	m2	2450	4607	7713	10722	10722	10722	10722	
663	MPS-ABC certif.parental mat. outdoor	m2	500	500	500	500	500	6125	10500	