



Certificate

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

**Family Plants Aps
Slettensvej 261
5270 ODENSE
Denmark
MPS-number: 804355**

Applicable to environmental clusters:

HERBS AS POTPLANT

POT PLANTS 2; POT PLANTS 4; POT PLANTS 5; POT PLANTS REMAINDER; VEGETABLE CROPS

Validity: **27-1-2025 valid up to and including 18-5-2025**

Total points: **92,2**

Qualification: **A**

Kind regards,
MPS-ECAS

Signature:

Date of issue:
12-1-2025

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

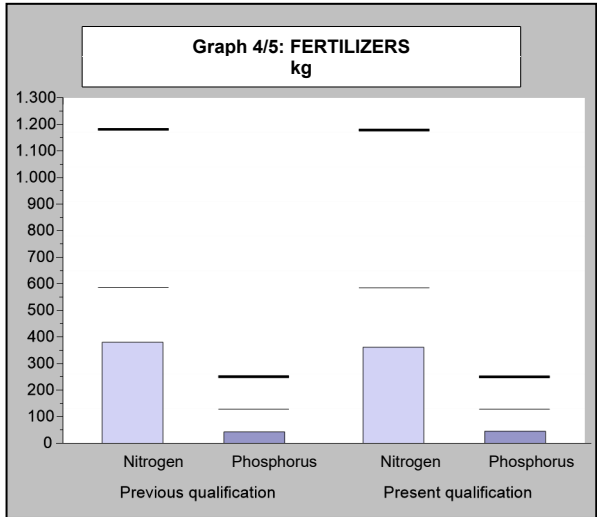
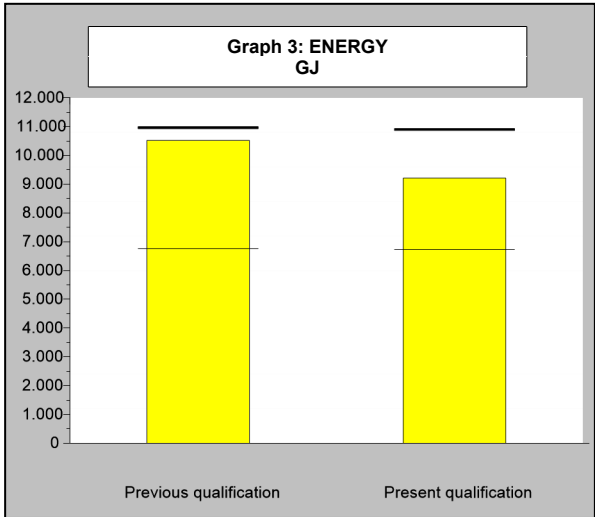
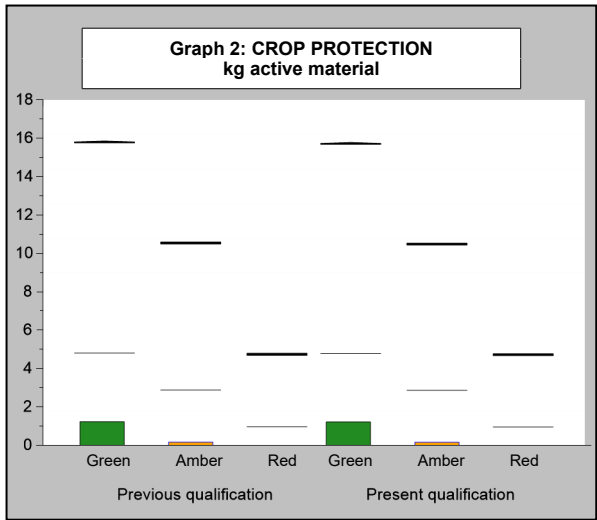
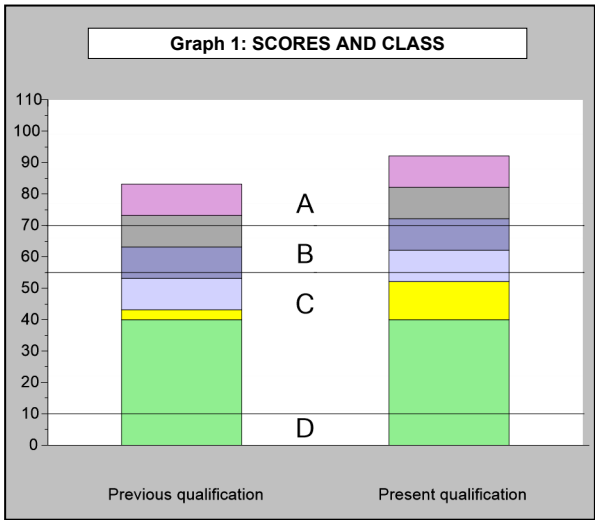
MPS company number: **804355/01**
 Company name: Family Plants Aps (total)

Valid: Period 1-2024 until Period 13-2024
 Version: 12-1-2025

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	4,8-15,7 kg	1,2	12	12			
	Amber	2,9-10,5 kg	0,2	16	16			
	Red	1-4,7 kg	0	12	12			
total				40	40	85 %	100 %	yes
Energy total		6730,4-10900,1 GJ	9211,2	12,2	30	75 %	40,5 %	no
Fertilizers	Nitrogen	585,5-1178,9 kg	361,5	10	10			
	Phosphorus	128,5-250,1 kg	45,5	10	10			
total				20	20	75 %	100 %	yes
Waste		0-130	130	10	10			
Water								
Certified parental material				10	10			
Total score (points)				92,2	110	90	92,2	yes
COMPANY QUALIFICATION				A				

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

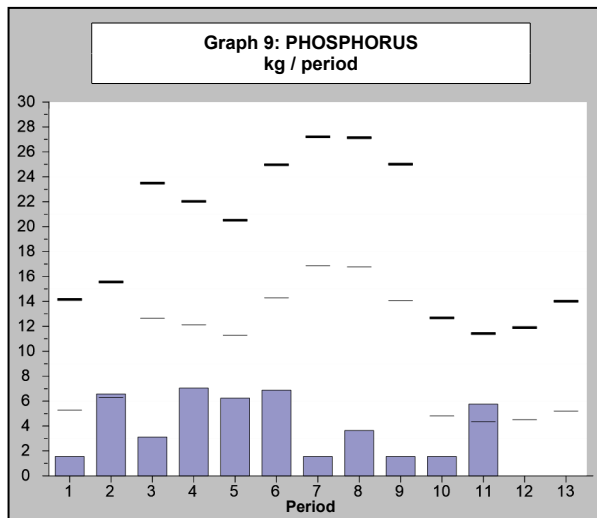
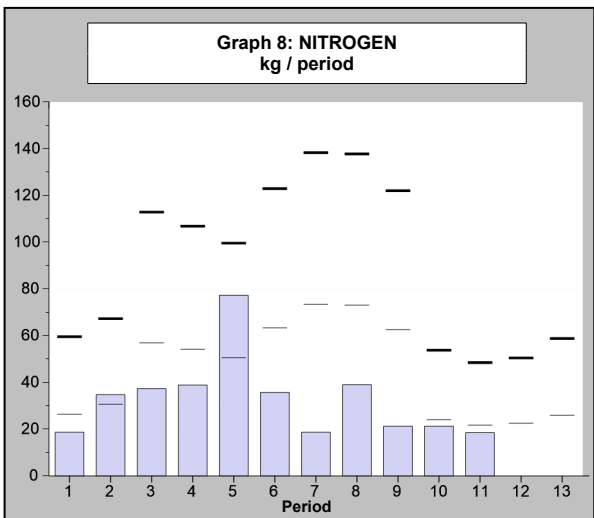
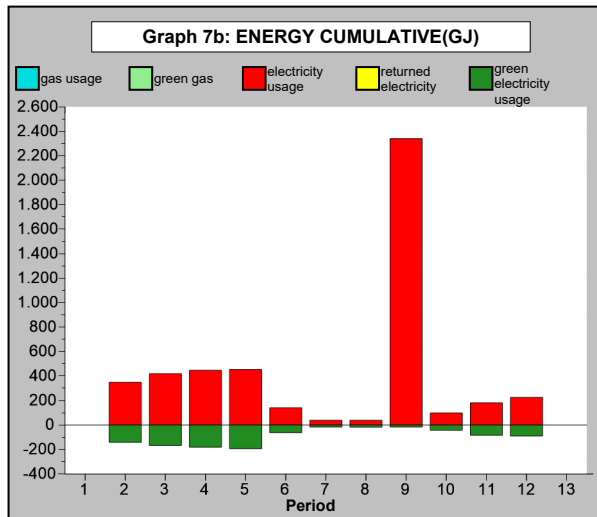
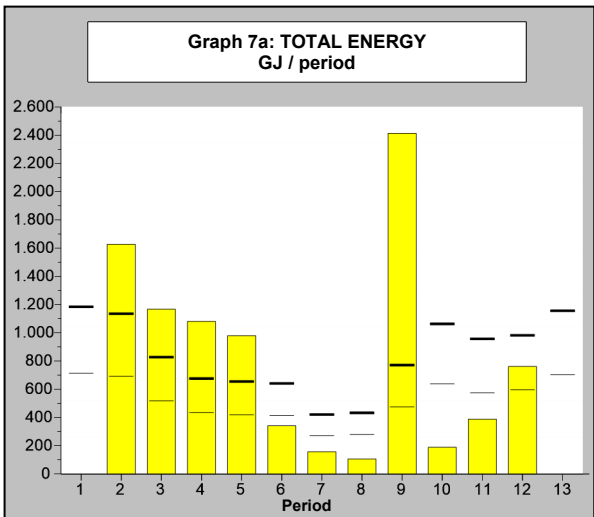
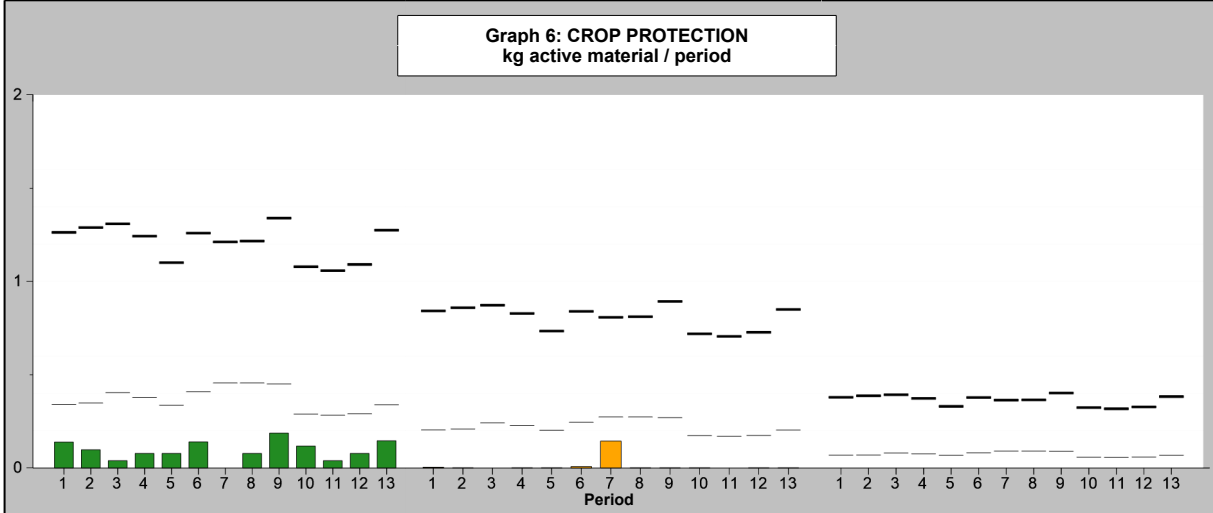


QUALIFICATION AND PERIOD GRAPHS

MPS company number: **804355/01**
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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: **804355/01**
 Company name: Family Plants Aps (total)

Valid: Period 1-2024 until Period 13-2024
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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				4,8-15,7 kg	1,2 kg
	Amber				2,9-10,5 kg	0,2 kg
	Red				1-4,7 kg	0 kg
Energy		6229,7-10090,8 GJ		8 %	6730,4-10900,1 GJ	9211,2 GJ
Nitrogen (N)		537,7-1083,3 kg		8,8 %	585,5-1178,9 kg	361,5 kg
Phosphorus (P)		117,9-230 kg		8,7 %	128,5-250,1 kg	45,5 kg

Composition of points MPS environmentally certified parental material

Certified parental material	(Average) area	Your Points	Max points
Total cultivated area 1)	7184,6 m2		
Area certified parental material MPS-ABC	7184,6 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
Barclay Gallup Super 360	●	glyphosate		0,144	
Kompact 5C	●	chlormequat chloride	0,639		
	●	choline chloride	0,445		
Movento SC 100	●	spirotetramat	0,076		
Pirouette	●	paclobutrazol		0,008	
SiITAC SF	○	wetting/sticker agents other			
Teppeki	●	flonicamid	0,057		
Vertimec	●	abamectin		0,009	
Annual company use of active substance			1,217	0,161	0

OVERVIEW RECORDED DATA

MPS company number: **804355/01**
 Company name: Family Plants Aps (total)

Valid: Period 1-2024 until Period 13-2024
 Version: 12-1-2025

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										
992009	Adalia bipunctata	number								12000
990705	Amblyseius / Neoseiulus swirskii	number	300000	200000	100000	300000	150000	150000	1200000	3300000
990424	Aphidius colemani	number								300
990688	Aphidius ervi	number	1500						1500	37750
992050	Aphidius/Praon/Aphelinus/Ephedrus (BasilProtect)	number	29	21					50	127
990381	Aphidoletes aphidimyza	number				8000	6000	8000	22000	28000
3369	Barclay Gallup Super 360	ml								400
990383	Chrysoperla carnea	number					64		64	5064
990386	Diglyphus isaea	number								3000
990385	Encarsia formosa	number	30000	30000	10000	20000	10000	20000	120000	487000
990675	Hypoaspis miles / Stratiolaelaps Scimitus	number				250000			250000	375000
3276	Kompact 5C	ml	100	240	150	50	100	150	790	1390
990588	Macrolophus caliginosus	number	1500	2000					3500	27500
3315	Movento SC 100	ml								755
990690	Orius majusculus	number								38000
990391	Phytoseiulus persimilis	number	10000	20000					30000	30000
3271	Pirouette	ml	140	280	210	70	140	210	1050	1915
3834	SilTAC SF	ml	375						375	425
3293	Teppeki	grams						58	58	114
3251	Vertimec	ml								520
WATER										
22	Drainage water disposed	m3	99	110	64	32	19		324	709
23	Reused drainage water	m3	178	301	183	85	53		800	1727
ENERGY										
4	Electricity from the grid (Total)	kWh	7001	425653	17837	32889	41105		524485	860510
6	Green electricity from the grid	kWh	3154	3084	7702	15111	16343		45394	183870
7	Residual heat usage	GJ	98	102	153	334	719		1406	6310
LIGHTING										
550001	HP-Hg 400W Conv.	Hour								
		Number								
		kWatt								

OVERVIEW RECORDED DATA (Continued)

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Company name: Family Plants Aps (total)

Version: 12-1-2025

Code	Description	Unit	Period 8	Period 9	Period 10	Period 11	Period 12	Period 13	Subtotal	Year total
LIGHTING (Continued)										
550001	HP-Hg 400W Conv.	Hour								
		Number								
		kWatt								
550012	HP-Na 600W 230V Conv.	Hour		128	218	218	256	244		
		Number		72	72	72	72	72		
		kWatt								
550012	HP-Na 600W 230V Conv.	Hour		108	218	106	282	219		
		Number		72	72	72	72	72		
		kWatt								
550012	HP-Na 600W 230V Conv.	Hour								
		Number								
		kWatt								
550023	HP-Na 600W 400V EVSA	Hour								
		Number								
		kWatt								
550030	Philips GreenPower 400V LED	Hour			140	140	87	392		
		Number			108	108	108	108		
		kWatt								

FERTILIZERS

513	Ammonium nitrate	kg	10	5	5				20	75
512	Ammonium phosphate	kg	12	6	6				24	90
543	Calcium Ammonium Nitrate 27+0+0 (+6%CaO+4%MgO)	kg	50	25	25				100	375
561	Ferrous chelate EDDHA 6%	kg	2	1	1				4	15
1028	Flocone 0.2+0.3+4.8	litres								2,15
935	Kalisalpeter 13+0+38 Multi-K GG	kg	70	35	35				140	525
932	KobberSupport 20 Kobberchelate	litres	0,2	0,1	0,1				0,4	1,5
570	Magnesium ammonium nitrate	kg	20	10	10				40	150
608	Manganese chelate	kg	0,5	0,25	0,25				1	3,75
1060	PG-Mix 14+10+18 Low Mo+Micro (Yara)	kg	12			132			144	507
453	Pioner Jernchlat 5% HEEDTA	litres	1,4	0,7	0,7				2,8	10,5
414	Salpetersyre 62%	litres	50	50	50				150	475
582	Sodium molybdenum (solid)	kg	0,2	0,1	0,1				0,4	1,5
677	Solubor 20.5%	kg	0,2	0,1	0,1				0,4	1,5
933	ZinkSupport 20	litres	0,1	0,05	0,05				0,2	0,75

OVERVIEW RECORDED DATA (Continued)

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

Indoor crops										
4062	POT PLANTS 2	m2		21	600	618	1121	1639		
4064	POT PLANTS 4	m2					18	482		
4065	POT PLANTS 5	m2	2000	2000	2000	2000	2000	1929		
4070	POT PLANTS REMAINDER	m2	61	1743	2896	2786	2400	2314		
4075	HERBS AS POTPLANT	m2								
4101	VEGETABLE CROPS	m2	6339	4532						
Subtotal			8400	8296	5496	5404	5539	6364		
Certified parental material										
661	MPS-ABC certif.parental mat. indoor	m2	8400	8296	5496	5404	5539	6364		

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? > 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? 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? Less than 85%

CO2

3953 Do you apply CO2? No

OVERVIEW RECORDED DATA (Continued)

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GENERAL INFORMATION FORM

MPS-OEX

Substrate

3957 Do you cultivate cut flowers on substrate? No

Diffuse light

3961 Do you have diffuse glass on your greenhouse? Yes

3962 If yes, on what percentage of your greenhouse area? 10

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? 100

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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FORM RECEIVED			yes	yes	yes	yes	yes	yes	yes	
CROP PROTECTION AGENTS										
992009	Adalia bipunctata	number	9500	2500						12000
990705	Amblyseius / Neoseiulus swirskii	number	300000	200000	100000	450000	400000	250000	400000	2100000
990424	Aphidius colemani	number	300							300
990688	Aphidius ervi	number	1500	5000	10000	10250	6500		3000	36250
992050	Aphidius/Praon/Aphelinus/Ephedrus (BasilProtect)	number					26	21	30	77
990381	Aphidoletes aphidimyza	number	6000							6000
3369	Barclay Gallup Super 360	ml							400	400
990383	Chrysoperla carnea	number	2500	2500						5000
990386	Diglyphus isaea	number				500			2500	3000
990385	Encarsia formosa	number	20000	70000	50000	97000	60000	30000	40000	367000
990675	Hypoaspis miles / Stratiolaelaps Scimitus	number							125000	125000
3276	Kompact 5C	ml	100	100	50	100	100	150		600
990588	Macrolophus caliginosus	number		3500	5000	6000	8000	500	1000	24000
3315	Movento SC 100	ml	330	200				225		755
990690	Orius majusculus	number	4000		6000	18000	4000	4000	2000	38000
990391	Phytoseiulus persimilis	number								
3271	Pirouette	ml	140	140	70	140	150	225		865
3834	SilTAC SF	ml		50						50
3293	Teppeki	grams	56							56
3251	Vertimec	ml	200					320		520
WATER										
22	Drainage water disposed	m3		24	30	41	179	32	79	385
23	Reused drainage water	m3		55	93	140	313	224	102	927
ENERGY										
4	Electricity from the grid (Total)	kWh		63367	76368	81338	82491	25473	6988	336025
6	Green electricity from the grid	kWh		25648	30363	32922	35082	11399	3062	138476
7	Residual heat usage	GJ		1632	1050	936	826	304	156	4904
LIGHTING										
550001	HP-Hg 400W Conv.	Hour	222	145	53	27				
		Number	39	39	39	39				
		kWatt								

OVERVIEW RECORDED DATA (Continued)

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Code	Description	Unit	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Subtotal
LIGHTING (Continued)										
550001	HP-Hg 400W Conv.	Hour	120	62	49	132				
		Number	112	112	112	112				
		kWatt								
550012	HP-Na 600W 230V Conv.	Hour	230	292	361	290	106	25		
		Number	72	72	72	72	72	72		
		kWatt								
550012	HP-Na 600W 230V Conv.	Hour	270	234	323	213	52	73		
		Number	72	72	72	72	72	72		
		kWatt								
550012	HP-Na 600W 230V Conv.	Hour	270	241	178	195				
		Number	40	40	40	40				
		kWatt								
550023	HP-Na 600W 400V EVSA	Hour			524	205	205	205		
		Number			92	92	92	92		
		kWatt								
550030	Philips GreenPower 400V LED	Hour								
		Number								
		kWatt								

FERTILIZERS

513	Ammonium nitrate	kg	5	5	10	5	20	5	5	55
512	Ammonium phosphate	kg	6	6	12	6	24	6	6	66
543	Calcium Ammonium Nitrate 27+0+0 (+6%CaO+4%MgO)	kg	25	25	50	25	100	25	25	275
561	Ferrous chelate EDDHA 6%	kg	1	1	2	1	4	1	1	11
1028	Flocone 0.2+0.3+4.8	litres	0,5		0,65	0,5	0,5			2,15
935	Kalisalpeter 13+0+38 Multi-K GG	kg	35	35	70	35	140	35	35	385
932	KobberSupport 20 Kobberchelate	litres	0,1	0,1	0,2	0,1	0,4	0,1	0,1	1,1
570	Magnesium ammonium nitrate	kg	10	10	20	10	40	10	10	110
608	Manganese chelate	kg	0,25	0,25	0,5	0,25	1	0,25	0,25	2,75
1060	PG-Mix 14+10+18 Low Mo+Micro (Yara)	kg		115		126		122		363
453	Pioner Jernchelat 5% HEEDTA	litres	0,7	0,7	1,4	0,7	2,8	0,7	0,7	7,7
414	Salpetersyre 62%	litres	25	25	50	50	125	25	25	325
582	Sodium molybdenum (solid)	kg	0,1	0,1	0,2	0,1	0,4	0,1	0,1	1,1
677	Solubor 20.5%	kg	0,1	0,1	0,2	0,1	0,4	0,1	0,1	1,1
933	ZinkSupport 20	litres	0,05	0,05	0,1	0,05	0,2	0,05	0,05	0,55

OVERVIEW RECORDED DATA (Continued)

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

		Indoor crops								
4062	POT PLANTS 2	m2	1500	1446						
4064	POT PLANTS 4	m2	1100	1089	771					
4065	POT PLANTS 5	m2	2000	2000	2000	2000	2000	2000	2000	
4070	POT PLANTS REMAINDER	m2	1779	1157						
4075	HERBS AS POTPLANT	m2	21	643	1818	2218	1868	1639		
4101	VEGETABLE CROPS	m2	14	521	3811	3954	3389	4761	6400	
		Subtotal	6414	6857	8400	8171	7257	8400	8400	
		Certified parental material								
661	MPS-ABC certif.parental mat. indoor	m2	6414	6857	8400	8171	7257	8400	8400	