



Certificate

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

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

Applicable to environmental clusters:

POT PLANTS 4

POT PLANTS 5; VEGETABLE CROPS; HERBS AS POTPLANT; POT PLANTS REMAINDER; POT PLANTS 2

Validity: **19-5-2025 valid up to and including 10-8-2025**

Total points: **104,1**

Qualification: **A+**

Kind regards,
MPS-ECAS

Signature:

Date of issue:
17-5-2025

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

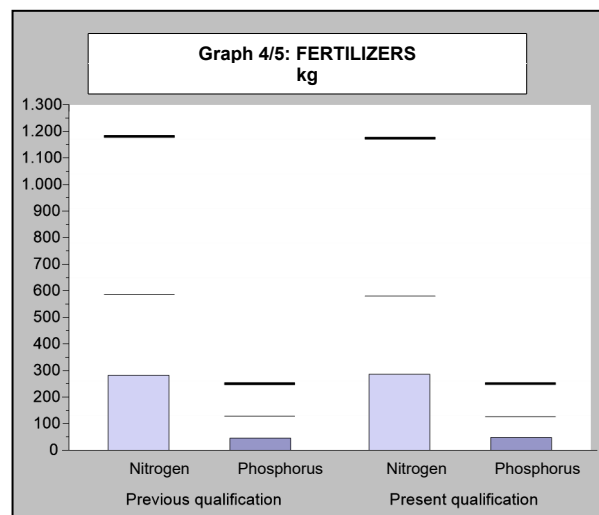
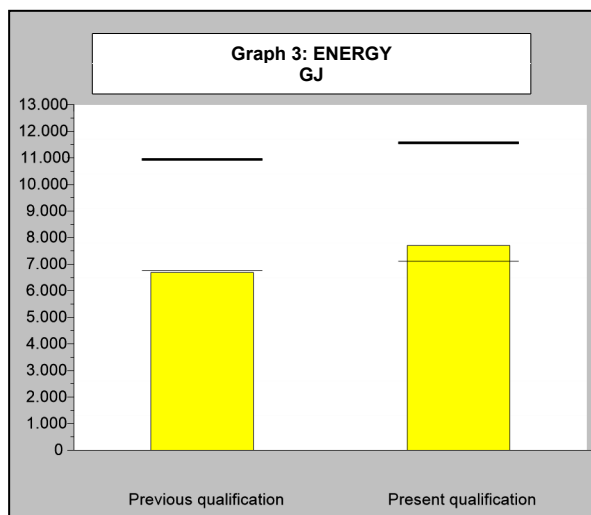
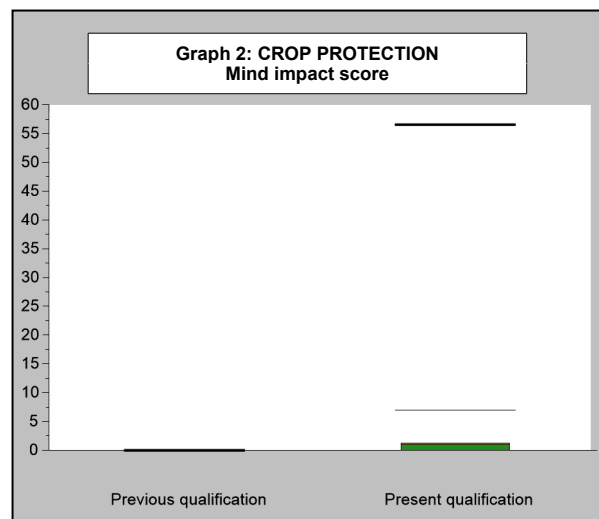
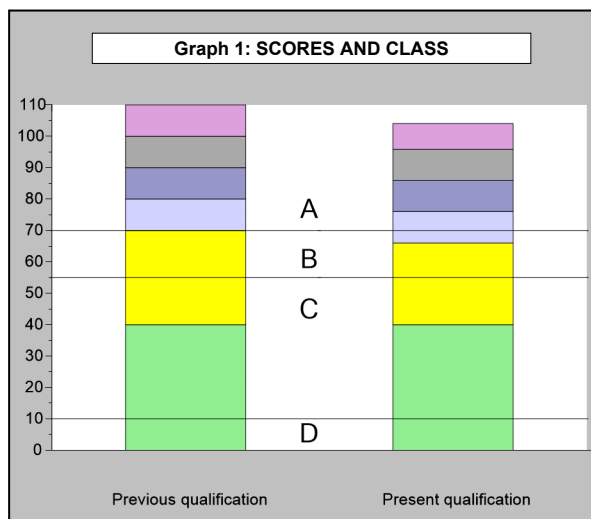
Valid: Period 5-2024 until Period 4-2025
Version: 17-5-2025

Table 1: DATA QUALIFICATIONS

SUBJECT		Your Company standard	Your use	Weging	Mind impact score	Your points	max. points	A+ standard	A+ score	Obtained
		Lower- Upper limit								
Crop protection	Green		1	1	1					
	Amber		0,2	1,5	0,2					
	Red		0	2,4	0					
total		7-56,6			1,2	40	40	85 %	100 %	yes
Energy total		7114,3-11572,2 GJ	7707,6			26	30	75 %	86,6 %	yes
Fertilizers	Nitrogen	580,2-1174,7 kg	286,3			10	10			
	Phosphorus	126,8-251 kg	48,5			10	10			
total						20	20	75 %	100 %	yes
Waste		0-130	128			9,8	10			
Water										
Certified parental material						8,2	10			
Total score (points)						104,1	110	90	104,1	yes
COMPANY QUALIFICATION						A+				

COMPANY USAGE PER 13 PERIODS

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

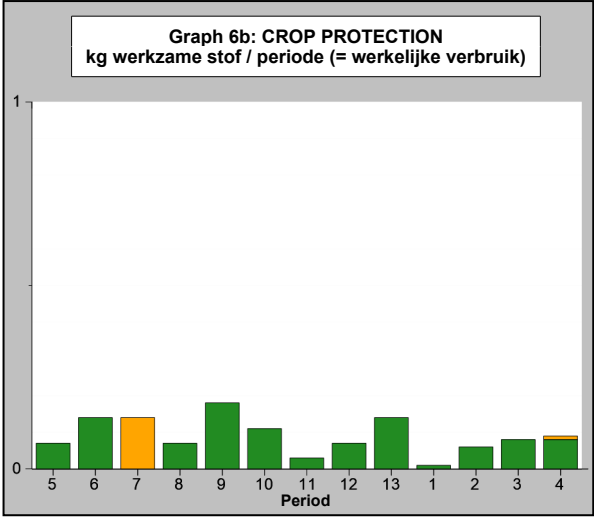
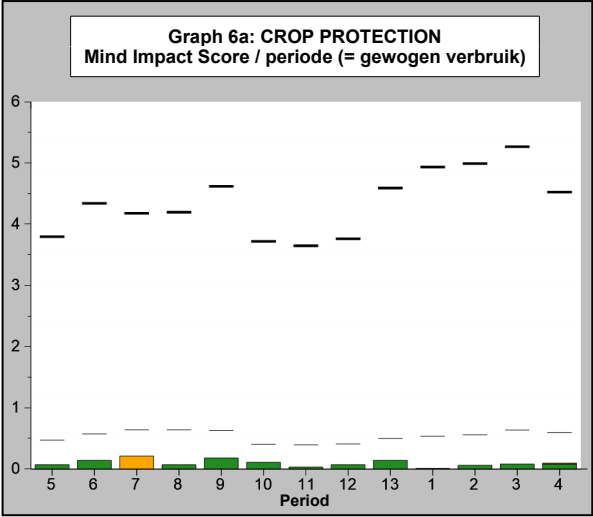


QUALIFICATION AND PERIOD GRAPHS

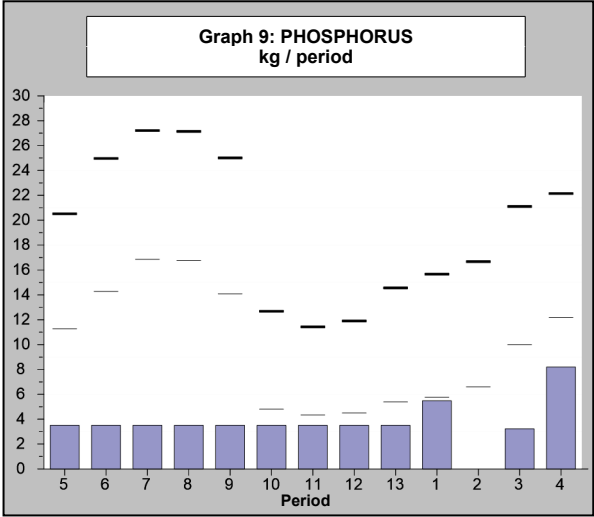
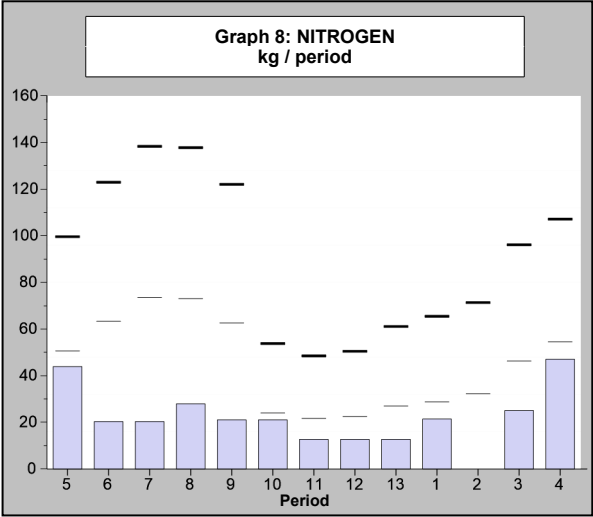
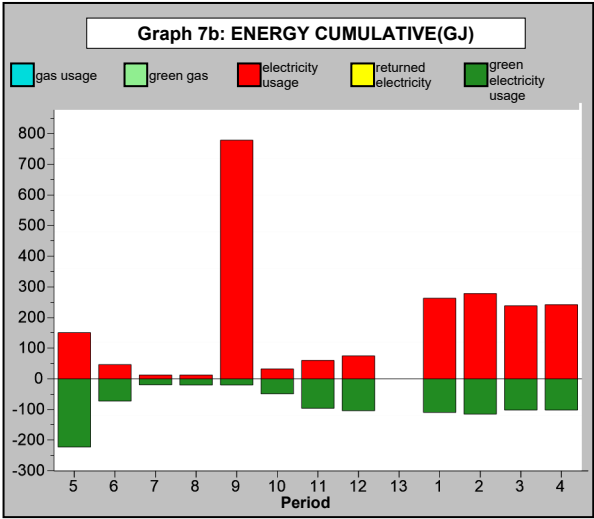
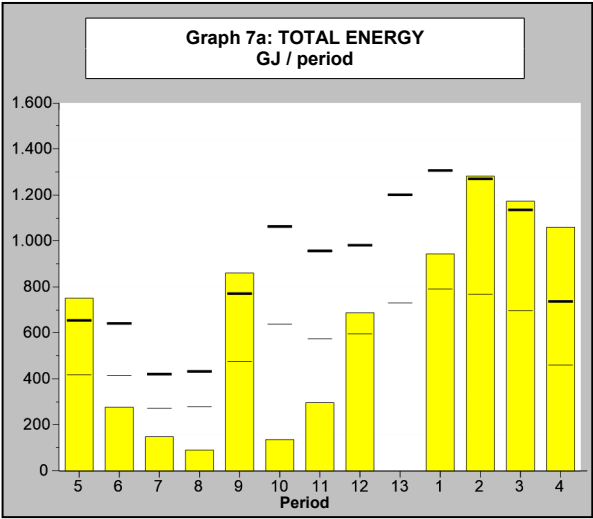
MPS company number: 804355/01
Company name: Family Plants Aps (total)

Valid: Period 5-2024 until Period 4-2025
Version: 17-5-2025

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



Voor meer informatie over de Mind Impact Score klik hier



MPS-Overview Composition of Qualification

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

Valid: Period 5-2024 until Period 4-2025
 Version: 17-5-2025

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	6652,2-10823,6 GJ	6,9 %	7114,3-11572,2 GJ	7707,6 GJ
Nitrogen (N)	536,9-1088,2 kg	8 %	580,2-1174,7 kg	286,3 kg
Phosphorus (P)	117,3-232,8 kg	7,8 %	126,8-251 kg	48,5 kg

Composition of points MPS environmentally certified parental material

Certified parental material	(Average) area	Your Points	Max points
Total cultivated area 1)	7301,1 m2		
Area certified parental material MPS-ABC	5996,2 m2	8,2	10
Area certified parental material GLOBALGAP	0 m2	0	5
Total points for Certified parental material		8,2	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 2

Company usage of MPS-MIND

Pesticide	Indicator color	active ingredient	Annual company use of active substance			MIND impact score
			Green	Amber	Red	
Barclay Gallup Super 360	●	glyphosate		0,144		0,216
Caryx	●	mepiquat chloride	0,170			0,170
	●	metaconazole		0,024		0,036
Fiba-Zorb (liquid)	○	wetting/sticker agents other				
Kompact 5C	●	chlormequat chloride	0,478			0,478
	●	choline chloride	0,333			0,333
Movento SC 100	●	spirotetramat	0,037			0,037
Pirouette	●	paclobutrazol		0,006		0,009
SilTAC SF	○	wetting/sticker agents other				
Silwet Gold	○	heptamethyltrisiloxane				
Teppeki	●	flonicamid	0,091			0,091
Vertimec	●	abamectin		0,006		0,009
Annual company use of active substance			1,107	0,180	0	1,377

OVERVIEW RECORDED DATA

MPS company number: 804355/01

Company name: Family Plants Aps (total)

Valid: Period 5-2024 until Period 4-2025

Version: 17-5-2025

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											
990705	Amblyseius / Neoseiulus swirskii	number	300000	150000	250000	450000	500000	300000		1950000	3600000
990688	Aphidius ervi	number									11000
992050	Aphidius/Praon/Aphelinus/Ephedrus (BasilProtect)	number									127
990381	Aphidoletes aphidimyza	number	8000	6000	12000	18000	18000	24000		86000	86000
3369	Barclay Gallup Super 360	ml									400
3352	Caryx	ml					150	240	420	810	810
990383	Chrysoperla carnea	number		63						63	63
990386	Diglyphus isaea	number									2500
990385	Encarsia formosa	number	20000	10000	30000	50000	80000	50000		240000	440000
3348	Fiba-Zorb (liquid)	ml	7554	7554	7554	25200			22800	70662	115985
990675	Hypoaspis miles / Stratiolaelaps Scimitus	number	250000							250000	375000
3276	Kompact 5C	ml	50	100	150					300	1040
990588	Macrolophus caliginosus	number									13000
3315	Movento SC 100	ml					140			140	365
990690	Orius majusculus	number						2000		2000	12000
990391	Phytoseiulus persimilis	number									30000
3271	Pirouette	ml	70	140	210					420	1425
3834	SilTAC SF	ml									375
340393	Silwet Gold	ml	77	77	77					231	692
3293	Teppeki	grams			58	26	33	64		181	181
3251	Vertimec	ml									320
WATER											
21	Total irrigation	m3	187	187	187				184	745	1870
22	Drainage water disposed	m3				15	25	47		87	87
23	Reused drainage water	m3	85	53		45	73	74		330	1631
ENERGY											
4	Electricity from the grid (Total)	kWh	10942	13675		47839	50629	43381	44045	210511	398623
6	Green electricity from the grid	kWh	17410	18829		19863	20847	18449	18437	113835	186977
7	Residual heat usage	GJ	382	823		908	1285	1191	1056	5645	7521

OVERVIEW RECORDED DATA (Continued)

MPS company number: **804355/01**

Valid: Period 5-2024 until Period 4-2025

Company name: Family Plants Aps (total)

Version: 17-5-2025

Code	Description	Unit	Period 11	Period 12	Period 13	Period 1	Period 2	Period 3	Period 4	Subtotal	Year total
LIGHTING											
550001	HP-Hg 400W Conv.	Hour							194		
		Number							112		
		kWatt									
550012	HP-Na 600W 230V Conv.	Hour	218	256	244	230	198	202	200		
		Number	72	72	72	72	72	72	72		
		kWatt									
550012	HP-Na 600W 230V Conv.	Hour	106	282	219	210	199	191	100		
		Number	72	72	72	72	72	72	72		
		kWatt									
550022	HP-Na 600W 230V EVSA	Hour					28	186	170		
		Number					40	40	40		
		kWatt									
550023	HP-Na 600W 400V EVSA	Hour									
		Number									
		kWatt									
550030	Philips GreenPower 400V LED	Hour	140	87	392	270	123	123	277		
		Number	108	108	108	108	108	108	108		
		kWatt									

FERTILIZERS

513	Ammonium nitrate	kg						12	12	24	74
543	Calcium Ammonium Nitrate 27+0+0 (+6%CaO+4%MgO)	kg									16,666
545	Calcium nitrate (nitrate o	kg	26,923	26,923	26,924			50	50	180,77	342,308
561	Ferrous chelate EDDHA 6%	kg						2	2	4	14
1028	Flocone 0.2+0.3+4.8	litres									0,5
935	Kalisalpeter 13+0+38 Multi-K GG	kg						70	70	140	490
638	Kalk	kg	153,692	153,692	153,696	453			410	1324,08	2246,232
932	KobberSupport 20 Kobberchelate	litres						0,2	0,2	0,4	1,4
572	Magnesium Nitrate 11+0+0	kg	11,538	11,538	11,544			20	20	74,62	143,848
608	Manganese chelate	kg									2,5
575	Manganese sulphate	kg						0,5	0,5	1	1
580	Mono-ammonium phosphate	kg	6,923	6,923	6,924			12	12	44,77	86,308
453	Pioner Jernchlat 5% HEEDTA	litres						2	2	4	17,334
414	Salpetersyre 62%	litres						2	27	29	124,79
582	Sodium molybdenum (solid)	kg						0,2	0,2	0,4	1,4
677	Solubor 20.5%	kg						0,2	0,2	0,4	1,4
919	TBF 17+10+14+4 (Tref Base Fertilizer)	kg	37,769	37,769	37,772	126			114	353,31	579,924

OVERVIEW RECORDED DATA (Continued)

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

Valid: Period 5-2024 until Period 4-2025
Version: 17-5-2025

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)

604	Zinc sulphate (solid)	kg	0,058	0,058	0,054					0,17	0,518
1029	Zinksulfaat	kg						0,1	0,1	0,2	0,2

ENVIRONMENTAL CLUSTERS

Indoor crops											
4062	POT PLANTS 2	m2	618	1121	1704	1736	1479	1757	579		
4064	POT PLANTS 4	m2		18	518	1000	1086	1175	482		
4065	POT PLANTS 5	m2	2000	2000	2000	2000	2000	2000	2000		
4070	POT PLANTS REMAINDER	m2	2786	2400	2400	2400	2357	1175	482		
4075	HERBS AS POTPLANT	m2						21	579		
4101	VEGETABLE CROPS	m2					471	2271	4050		
Subtotal			5404	5539	6621	7136	7393	8400	8171		
Certified parental material											
661	MPS-ABC certif.parental mat. indoor	m2	5404	5539	6621	7136	3000	2000	2000		

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?	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

OVERVIEW RECORDED DATA (Continued)

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

Valid: Period 5-2024 until Period 4-2025
Version: 17-5-2025

GENERAL INFORMATION FORM

MPS-OEX		
3952	If yes, what is the percentage of light-reduction?	Less than 85%
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?	No

OVERVIEW RECORDED DATA

MPS company number: **804355/01**

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Version: 17-5-2025

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									
990705	Amblyseius / Neoseiulus swirskii	number	400000	250000	400000	300000	200000	100000	1650000
990688	Aphidius ervi	number	6500		3000	1500			11000
992050	Aphidius/Praon/Aphelinus/Ephedrus (BasilProtect)	number	26	21	30	29	21		127
990381	Aphidoletes aphidimyza	number							
3369	Barclay Gallup Super 360	ml			400				400
3352	Caryx	ml							
990383	Chrysoperla carnea	number							
990386	Diglyphus isaea	number			2500				2500
990385	Encarsia formosa	number	60000	30000	40000	30000	30000	10000	200000
3348	Fiba-Zorb (liquid)	ml	7554	7554	7554	7554	7554	7554	45324
990675	Hypoaspis miles / Stratiolaelaps Scimitus	number			125000				125000
3276	Kompact 5C	ml	100	150		100	240	150	740
990588	Macrolophus caliginosus	number	8000	500	1000	1500	2000		13000
3315	Movento SC 100	ml		225					225
990690	Orius majusculus	number	4000	4000	2000				10000
990391	Phytoseiulus persimilis	number				10000	20000		30000
3271	Pirouette	ml	150	225		140	280	210	1005
3834	SilTAC SF	ml				375			375
340393	Silwet Gold	ml	77	77	77	77	77	77	462
3293	Teppeki	grams							
3251	Vertimec	ml		320					320
WATER									
21	Total irrigation	m3	187	187	187	187	187	187	1122
22	Drainage water disposed	m3							
23	Reused drainage water	m3	313	224	102	178	301	183	1301
ENERGY									
4	Electricity from the grid (Total)	kWh	27443	8474	2325	2329	141607	5934	188112
6	Green electricity from the grid	kWh	40419	13133	3528	3634	3553	8874	73141
7	Residual heat usage	GJ	945	348	179	112	117	175	1876

OVERVIEW RECORDED DATA (Continued)

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Code	Description	Unit	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Subtotal	
LIGHTING										
550001	HP-Hg 400W Conv.	Hour								
		Number								
		kWatt								
550012	HP-Na 600W 230V Conv.	Hour	106	25			128	218		
		Number	72	72			72	72		
		kWatt								
550012	HP-Na 600W 230V Conv.	Hour	52	73			108	218		
		Number	72	72			72	72		
		kWatt								
550022	HP-Na 600W 230V EVSA	Hour								
		Number								
		kWatt								
550023	HP-Na 600W 400V EVSA	Hour	205	205						
		Number	92	92						
		kWatt								
550030	Philips GreenPower 400V LED	Hour						140		
		Number							108	
		kWatt								
FERTILIZERS										
513	Ammonium nitrate	kg	20	5	5	10	5	5	50	
543	Calcium Ammonium Nitrate 27+0+0 (+6%CaO+4%MgO)	kg	6,667	1,667	1,667	3,333	1,667	1,665	16,666	
545	Calcium nitrate (nitrate o	kg	26,923	26,923	26,923	26,923	26,923	26,923	161,538	
561	Ferrous chelate EDDHA 6%	kg	4	1	1	2	1	1	10	
1028	Flocone 0.2+0.3+4.8	litres	0,5						0,5	
935	Kalisalpeter 13+0+38 Multi-K GG	kg	140	35	35	70	35	35	350	
638	Kalk	kg	153,692	153,692	153,692	153,692	153,692	153,692	922,152	
932	KobberSupport 20 Kobberchelate	litres	0,4	0,1	0,1	0,2	0,1	0,1	1	
572	Magnesium Nitrate 11+0+0	kg	11,538	11,538	11,538	11,538	11,538	11,538	69,228	
608	Manganese chelate	kg	1	0,25	0,25	0,5	0,25	0,25	2,5	
575	Manganese sulphate	kg								
580	Mono-ammonium phosphate	kg	6,923	6,923	6,923	6,923	6,923	6,923	41,538	
453	Pioner Jernchelat 5% HEEDTA	litres	5,333	1,333	1,333	2,667	1,333	1,335	13,334	
414	Salpetersyre 62%	litres	36,842	7,368	7,368	14,737	14,737	14,738	95,79	
582	Sodium molybdenum (solid)	kg	0,4	0,1	0,1	0,2	0,1	0,1	1	
677	Solubor 20.5%	kg	0,4	0,1	0,1	0,2	0,1	0,1	1	
919	TBF 17+10+14+4 (Tref Base Fertilizer)	kg	37,769	37,769	37,769	37,769	37,769	37,769	226,614	

OVERVIEW RECORDED DATA (Continued)

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

Valid: Period 5-2024 until Period 4-2025
Version: 17-5-2025

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

604	Zinc sulphate (solid)	kg	0,058	0,058	0,058	0,058	0,058	0,058	0,348
1029	Zinksulfaat	kg							

ENVIRONMENTAL CLUSTERS

Indoor crops									
4062	POT PLANTS 2	m2					21	600	
4064	POT PLANTS 4	m2							
4065	POT PLANTS 5	m2	2000	2000	2000	2000	2000	2000	
4070	POT PLANTS REMAINDER	m2				61	1743	2896	
4075	HERBS AS POTPLANT	m2	1868	1639					
4101	VEGETABLE CROPS	m2	3389	4761	6400	6339	4532		
Subtotal			7257	8400	8400	8400	8296	5496	
Certified parental material									
661	MPS-ABC certif.parental mat. indoor	m2	7257	8400	8400	8400	8296	5496	