



Certificate

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

**Schroll Flowers ApS
Kirstinebjergvej 33
5792 ÅRSLEV
Denmark
MPS-number: 802863**

Applicable to environmental clusters:
POT PLANTS 2; POTPLANTS outdoors

Validity: **18-5-2026 valid up to and including 9-8-2026**
Total points: **109.3**
Qualification: **A+**

Kind regards,
MPS-ECAS

Signature:

Date of issue:
3-5-2026

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

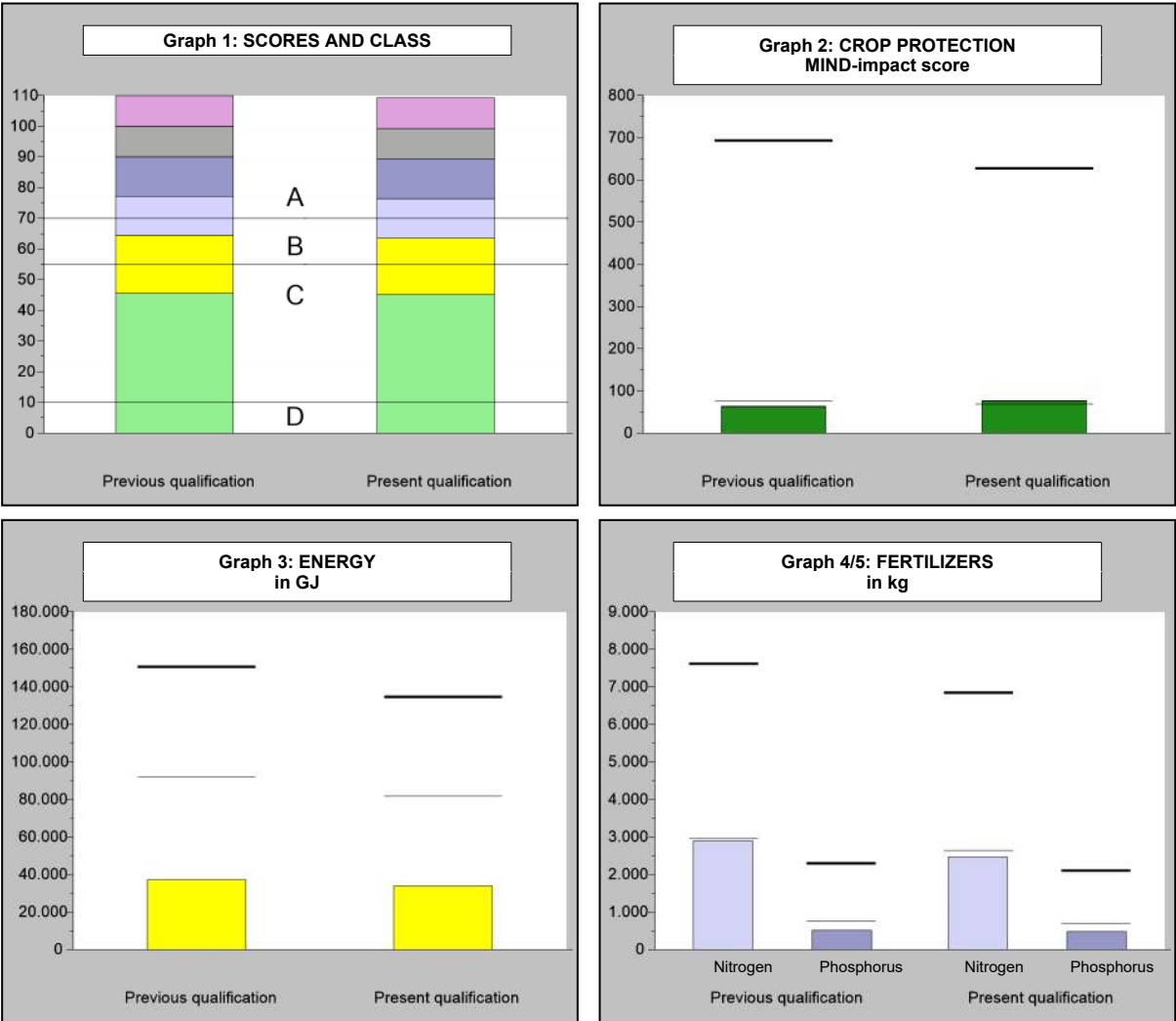
QUALIFICATION AND PERIOD GRAPHS

MPS company number: 802863/01
 Company name: Schroll Flowers ApS (total)

Valid: Period 5-2025 until Period 4-2026
 Version: 5/3/2026

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		76	1	76					
	Amber		0.7	1.5	1					
	Red		0.1	2.4	0.3					
total		69.1-627.8			77.3	45.1	45.8	85 %	98.5 %	yes
Energy total		81789.4-134744.4 GJ	33909.4			18.4	18.4	75 %	100 %	yes
Fertilizers	Nitrogen	2643.4-6848.2 kg	2468.3			12.9	12.9			
	Phosphorus	696.4-2105.4 kg	481.8			12.9	12.9			
total						25.8	25.8	75 %	100 %	yes
Waste		0-130	130			10	10			
Water										
Certified parental material						10	10			
Total score (points)						109.3	110	90	125.5	yes
COMPANY QUALIFICATION						A+				

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

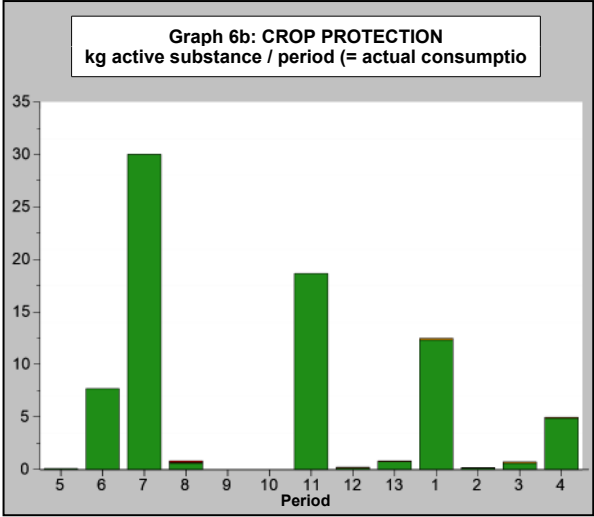
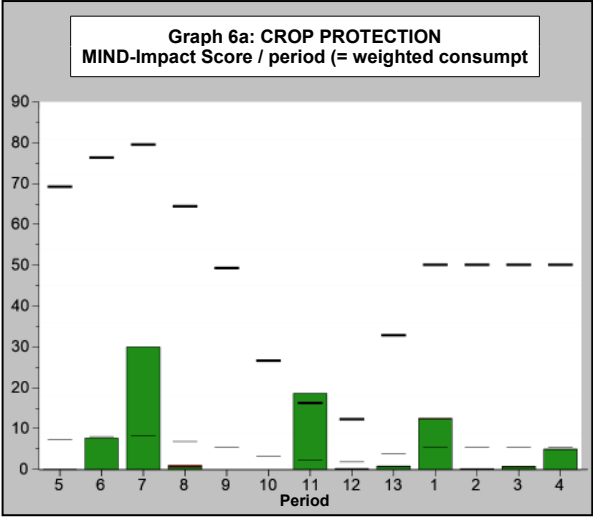


QUALIFICATION AND PERIOD GRAPHS

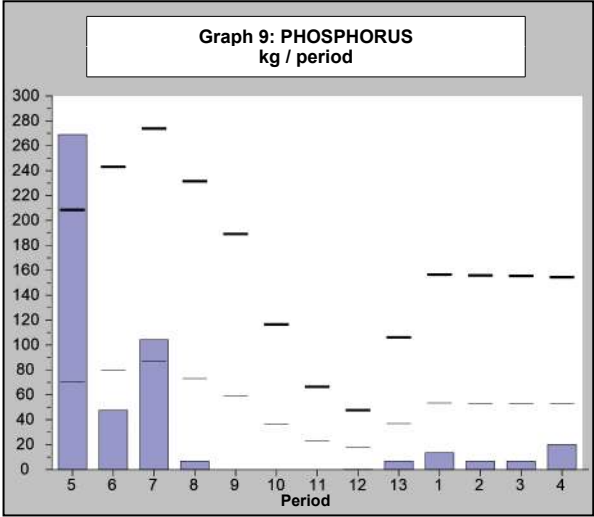
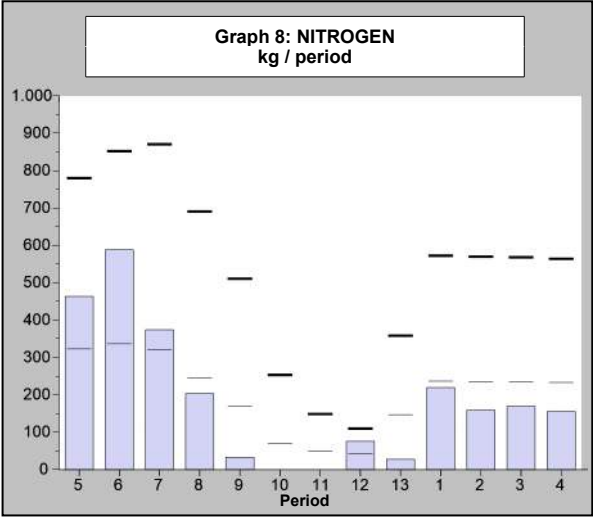
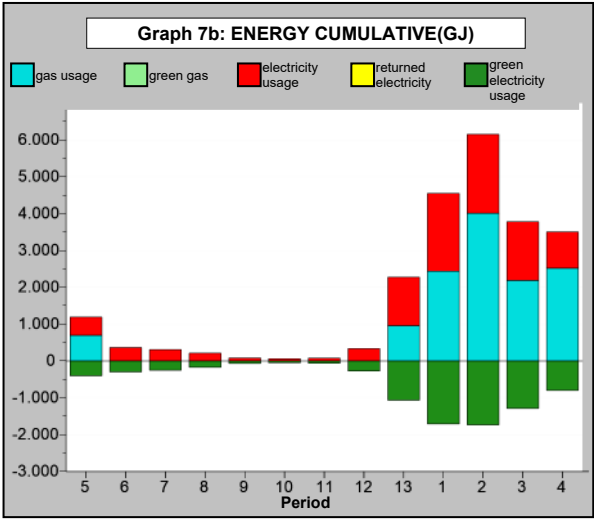
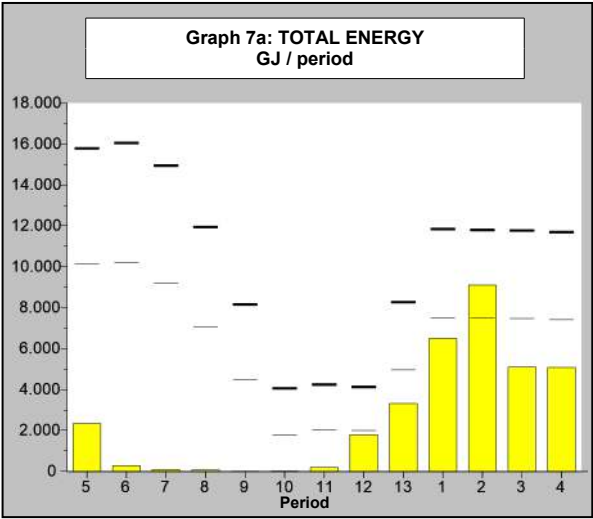
MPS company number: 802863/01
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<-----> = Upperlimit <.....> = Lowerlimit



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



MPS-Overview Composition of Qualification

MPS company number: **802863/01**
 Company name: Schroll Flowers ApS (total)

Valid: Period 5-2025 until Period 4-2026
 Version: 5/3/2026

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	81209.2-133866.2 GJ	0.7 %	81789.4-134744.4 GJ	33909.4 GJ
Nitrogen (N)	2623.3-6800 kg	0.7 %	2643.4-6848.2 kg	2468.3 kg
Phosphorus (P)	692.3-2093.2 kg	0.6 %	696.4-2105.4 kg	481.8 kg

Composition of points MPS environmentally certified parental material

Certified parental material	(Average) area	Your Points	Max points
Total cultivated area 1)	64005.5 m2		
Area certified parental material MPS-ABC	167230.8 m2	26.1	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 5	Zone 5	Zone 5	Zone 5	Zone 5	Zone 5	Zone 5	Zone 5	Zone 5	Zone 5	Zone 5	Zone 5	Zone 5

Company usage of MPS-MIND

Pesticide	Indicator color	active ingredient	Annual company use of active substance			MIND impact score
			Green	Amber	Red	
AlgeFri N ProFF (ECOstyle)	●	nonanoic acid/pelargonic acid	63.478			63.478
Aluminiumsulfat	○	aluminium sulphate				
Axiendo 2.5 WG	●	lambda-cyhalothrin			0.125	0.300
Azatin EC	●	azadirachtin		0.494		0.741
BD 40	○	wetting/sticker agents other				
Beloukha	●	nonanoic acid/pelargonic acid	6.800			6.800
Gnatrol SC	○	bacillus thuringiensis				
Movento SC 100	●	spirotetramat	0.100			0.100
NeemAzal T/S	●	azadirachtin		0.200		0.300
Regalis Plus	●	prohexadione-calcium	1.200			1.200
Sluxx	●	ferric phosphate	2.400			2.400
Teppeki	●	flonicamid	2.000			2.000
Annual company use of active substance			75.978	0.694	0.125	77.319

OVERVIEW RECORDED DATA

MPS company number: **802863/01**

Company name: Schroll Flowers ApS (total)

Valid: Period 5-2025 until Period 4-2026

Version: 5/3/2026

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											
3895	AlgeFri N ProFF (ECOstyle)	ml	100000			60000			20000	180000	340000
3252	Aluminiumsulfat	grams		250000	100000	100000	150000	175000	125000	900000	2775000
990395	Amblyseius / Neoseiulus cucumeris	number									4000
990424	Aphidius colemani	number									1000
990381	Aphidoletes aphidimyza	number									10000
3867	Axiendo 2.5 WG	grams									5000
3847	Azatin EC	ml		1000	1000	4000	2000	5000	4000	17000	19000
3846	BD 40	ml					15000	10000	25000	50000	50000
3931	Beloukha	ml									10000
990383	Chrysoperla carnea	number					1000			1000	1000
3366	Gnatrol SC	ml									10000
990675	Hypoaspis miles / Stratiolaelaps Scimitus	number				1000000	1750000	2000000		4750000	4750000
3153	Menno Florades	ml	10000	20000	30000	30000				90000	90000
3315	Movento SC 100	ml									1000
3785	NeemAzal T/S	ml		5000	5000	5000				15000	20000
990584	Orius laevigatus	number									26000
3842	Regalis Plus	grams		1500	1500	1500	1500		1500	7500	12000
3328	Sluxx	grams			20000			20000		40000	80000
990515	Steinernema feltiae	number						250000000		250000000	250000000
3293	Teppeki	grams				2000			2000	4000	4000
WATER											
21	Total irrigation	m3	1214		5682	2119	2632	3950	4834	20431	49987
ENERGY											
1	Gas consumption	m3			27345	69443	114301	62330	71745	345164	365016
2	Conversion factor		1	1	1	1	1	1	1		
3	Caloric value		1	1	1	1	1	1	1		
4	Electricity from the grid (Total)	kWh	13879	61217	239138	383969	389324	289427	179316	1556270	1833844
6	Green electricity from the grid	kWh	11242	49586	193702	311015	315352	234436	145246	1260579	1485414
7	Residual heat usage	GJ	209	1984	2430	4208	5389	2999	2732	19951	22047
LIGHTING											
550020	HP-Na 400W EVSA	Hour	1	224	224	280	224	196	112		
		Number	1	480	960	960	960	960	960		

OVERVIEW RECORDED DATA (Continued)

MPS company number: 802863/01
Company name: Schroll Flowers ApS (total)

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

		kWatt									
550030	Philips GreenPower 400V LED	Hour	168	224	224	280	224	196	112		
		Number	96	576	576	576	576	576	576		
		kWatt									

FERTILIZERS

513	Ammonium nitrate	kg			50	275	125	300	275	1025	2325
303	Ammonium Sulphate 8.4+0+0	litres									75
545	Calcium nitrate (nitrate o	kg		150	50	425	275	425	350	1675	4750
640	Dolomit kalk	kg									184
638	Kalk	kg									931
516	Magnesium sulphate	kg		100	50	225	125	300	300	1100	2800
666	Micromax (7.5%CaO+12%Fe+37.5% SO3)	kg									25
580	Mono-ammonium phosphate	kg		1	25	50	25	25	75	201	1551
420	NPK 12+6+20	kg									490
413	Phosphoric Acid 75%	litres									25
1048	Pioner S Godning 80	kg			25		25			50	50
536	Potassium carbonate	kg			200			1000	1225	2425	4325
537	Potassium nitrate (13+0+45)	kg		400		425	550			1375	5300
415	Sulphuric Acid 96%	litres		1600					800	2400	5600
596	Superphosphate	kg									319
603	Urea 46%N	kg									25
981	YaraTera Rexolin APN	kg		20	10	40	30	55	60	215	490

ENVIRONMENTAL CLUSTERS

Indoor crops											
4000	UNCULTIVATED	m2	50000	50000	23000						
4062	POT PLANTS 2	m2	8000	8000	35000	58000	58000	58000	58000		
Subtotal			58000	58000	58000	58000	58000	58000	58000		
Outdoor crops											
4044	POTPLANTS outdoors	m2	11071								
4099	UNCULTIVATED	m2	88929	100000	100000	100000	100000	100000	100000		
Subtotal			100000	100000	100000	100000	100000	100000	100000		

OVERVIEW RECORDED DATA (Continued)

MPS company number: 802863/01
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Valid: Period 5-2025 until Period 4-2026
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Code	Description	Unit	Period 11	Period 12	Period 13	Period 1	Period 2	Period 3	Period 4	Subtotal	Year total
		Remaining									
200	COLDSTORE OF BULBS/PLANTS	m3	10830	10830	10830	10830	10830	10830	10830		
		Certified parental material									
661	MPS-ABC certif.parental mat. indoor	m2	58000	58000	58000	58000	58000	58000	58000		
663	MPS-ABC certif.parental mat. outdoor	m2	100000	100000	100000	100000	100000	100000	100000		

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)? 25 - 50% 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? 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)? 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? 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?

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

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Code	Description	Unit	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Subtotal
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FORM RECEIVED

yes yes yes yes yes yes

CROP PROTECTION AGENTS

3895	AlgeFri N ProFF (ECOstyle)	ml			160000				160000
3252	Aluminiumsulfat	grams	75000	175000	50000	225000	1350000		1875000
990395	Amblyseius / Neoseiulus cucumeris	number	4000						4000
990424	Aphidius colemani	number	1000						1000
990381	Aphidoletes aphidimyza	number	10000						10000
3867	Axiendo 2.5 WG	grams				5000			5000
3847	Azatin EC	ml				2000			2000
3846	BD 40	ml							
3931	Beloukha	ml		10000					10000
990383	Chrysoperla carnea	number							
3366	Gnatrol SC	ml		10000					10000
990675	Hypoaspis miles / Stratiolaelaps Scimitus	number							
3153	Menno Florades	ml							
3315	Movento SC 100	ml	1000						1000
3785	NeemAzal T/S	ml				5000			5000
990584	Orius laevigatus	number	26000						26000
3842	Regalis Plus	grams		3000	1500				4500
3328	Sluxx	grams		20000		20000			40000
990515	Steinernema feltiae	number							
3293	Teppeki	grams							

WATER

21	Total irrigation	m3	7957	8102	7118	4763	887	729	29556
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ENERGY

1	Gas consumption	m3	19852						19852
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	90203	66681	56049	38698	14899	11044	277574
6	Green electricity from the grid	kWh	73064	54012	45400	31345	12068	8946	224835
7	Residual heat usage	GJ	1782	242	33	28		11	2096

LIGHTING

550020	HP-Na 400W EVSA	Hour	1	1	1	1	1	1	
		Number	1	1	1	1	1	1	

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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LIGHTING (Continued)

		kWatt							
550030	Philips GreenPower 400V LED	Hour	1	1	1	1	1	1	
		Number	1	1	1	1	1	1	
		kWatt							

FERTILIZERS

513	Ammonium nitrate	kg	200	425	450	200	25		1300
303	Ammonium Sulphate 8.4+0+0	litres	50	25					75
545	Calcium nitrate (nitrate o	kg	650	1150	925	275	75		3075
640	Dolomit kalk	kg			184				184
638	Kalk	kg			931				931
516	Magnesium sulphate	kg	525	400	525	225	25		1700
666	Micromax (7.5%CaO+12%Fe+37.5% SO3)	kg			25				25
580	Mono-ammonium phosphate	kg	1000	150	175	25			1350
420	NPK 12+6+20	kg			490				490
413	Phosphoric Acid 75%	litres		25					25
1048	Pioner S Godning 80	kg							
536	Potassium carbonate	kg			1900				1900
537	Potassium nitrate (13+0+45)	kg	1225	1900		700	100		3925
415	Sulphuric Acid 96%	litres			3200				3200
596	Superphosphate	kg			319				319
603	Urea 46%N	kg	25						25
981	YaraTera Rexolin APN	kg	55	95	95	20	10		275

ENVIRONMENTAL CLUSTERS

		Indoor crops							
4000	UNCULTIVATED	m2			10000	30000	50000	50000	
4062	POT PLANTS 2	m2	82000	82000	72000	52000	32000	8000	
		Subtotal	82000	82000	82000	82000	82000	58000	
		Outdoor crops							
4044	POTPLANTS outdoors	m2		20000	50000	50000	50000	40000	
4099	UNCULTIVATED	m2	100000	80000	50000	50000	50000	60000	
		Subtotal	100000	100000	100000	100000	100000	100000	

OVERVIEW RECORDED DATA (Continued)

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Code	Description	Unit	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Subtotal
	Remaining								
200	COLDSTORE OF BULBS/PLANTS	m3	12312	12312	12312	12312	7068	7068	
	Certified parental material								
661	MPS-ABC certif.parental mat. indoor	m2	82000	82000	82000	82000	82000	58000	
663	MPS-ABC certif.parental mat. outdoor	m2	100000	100000	100000	100000	100000	100000	