



Certificate

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

**Maranque Plants PLC
P.O. Box 14262
ADDIS ABABA
Ethiopia
MPS-number: 801923**

Applicable to environmental clusters:
POTPLANTS par. mat.

Validity: **27-1-2025 valid up to and including 18-5-2025**
Total points: **35,4**
Qualification: **C**

Kind regards,
MPS-ECAS

Signature:

Date of issue:
20-1-2025

Drs. R. Landsmeer, Manager Operations

N.B.: This certificate is only valid for the period specified above.

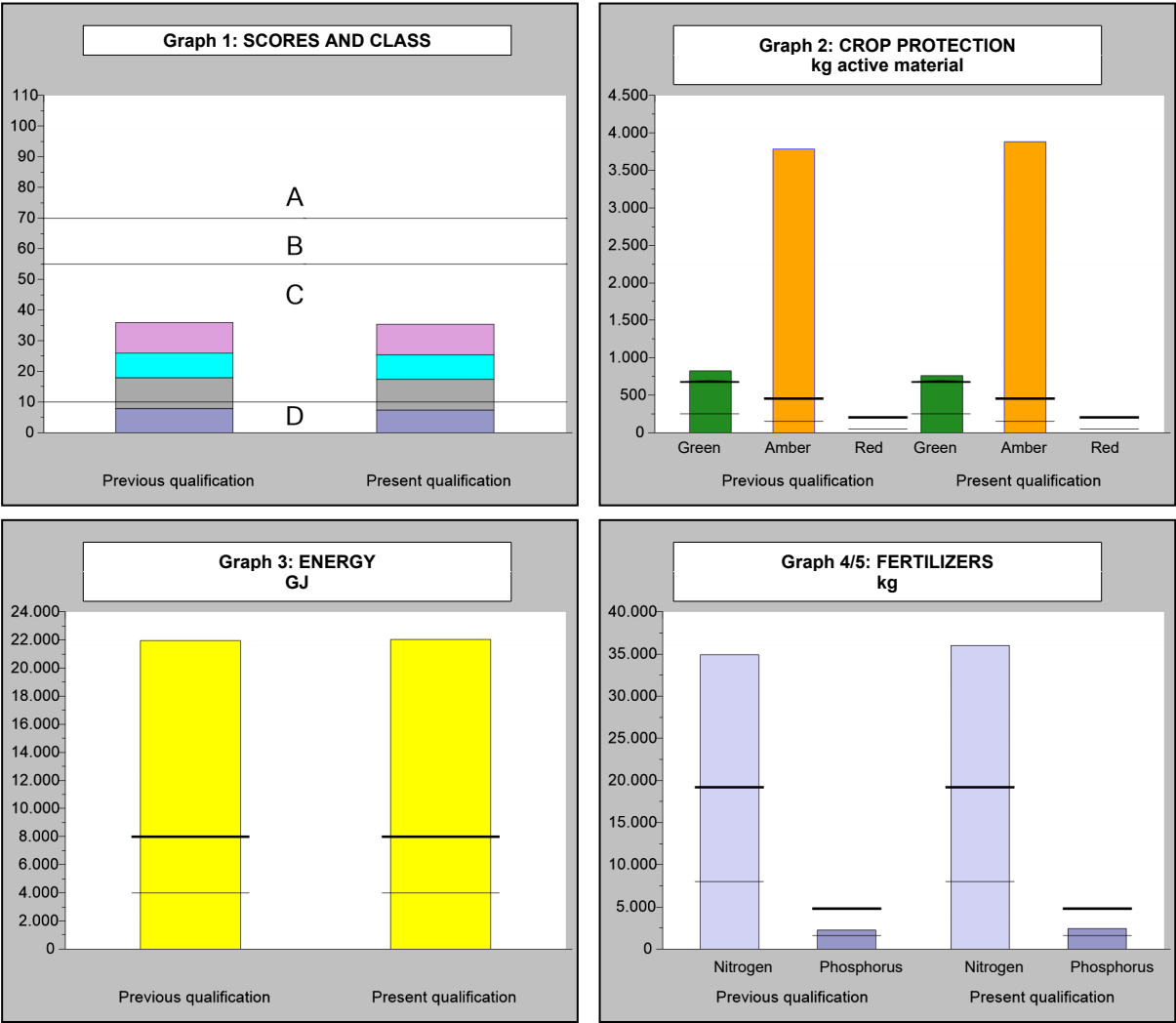
P.O. Box 114
2678 ZJ De Lier
The Netherlands

QUALIFICATION AND PERIOD GRAPHS

MPS company number: 801923/01
 Valid: Period 1-2024 until Period 13-2024
 Company name: Maranque Plants PLC (total)
 Version: 20-1-2025

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	252-684 kg	762,8	0	15			
	Amber	151,2-456 kg	3882,5	-224,8	20			
	Red	50,4-205,2 kg	0	15	15			
total				0	50	85 %	0 %	no
Energy total		4000-8000 GJ	22033,5	0	10	75 %	0 %	no
Fertilizers	Nitrogen	8000-19200 kg	36013,3	0	10			
	Phosphorus	1600-4800 kg	2432,6	7,4	10			
total				7,4	20	75 %	36,9 %	no
Waste		0-130	130	10	10			
Water		0-130	104	8	10			
Certified parental material				10	10			
Total score (points)				35,4	110	90	-174,4	no
COMPANY QUALIFICATION				C				

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

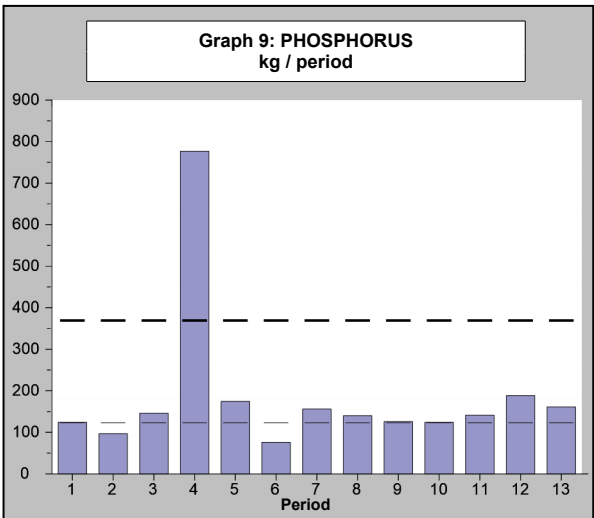
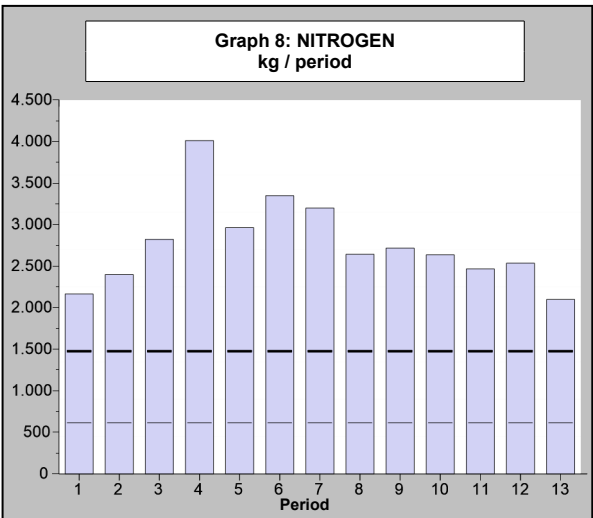
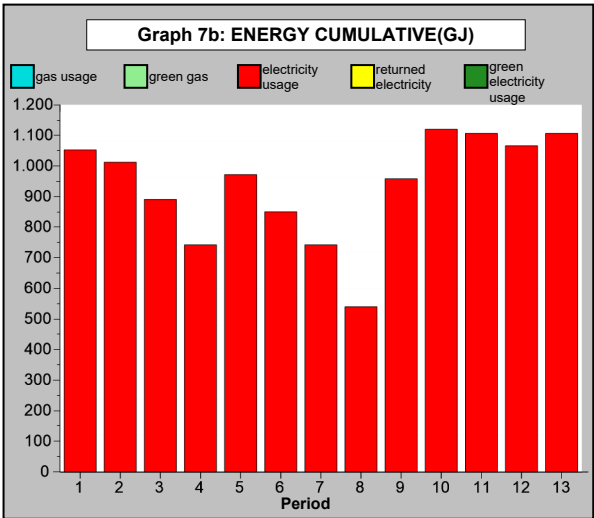
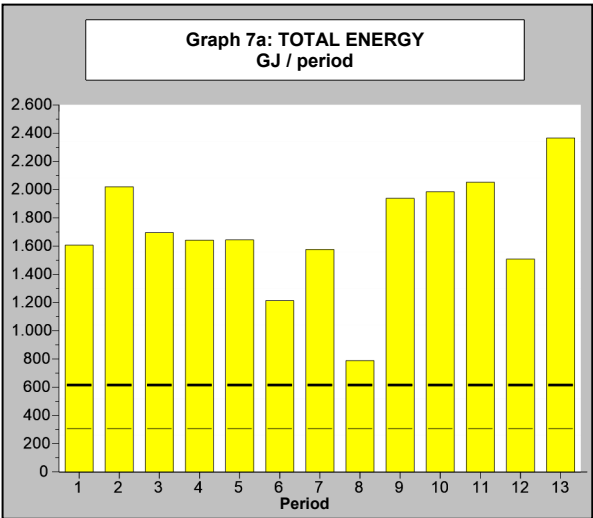
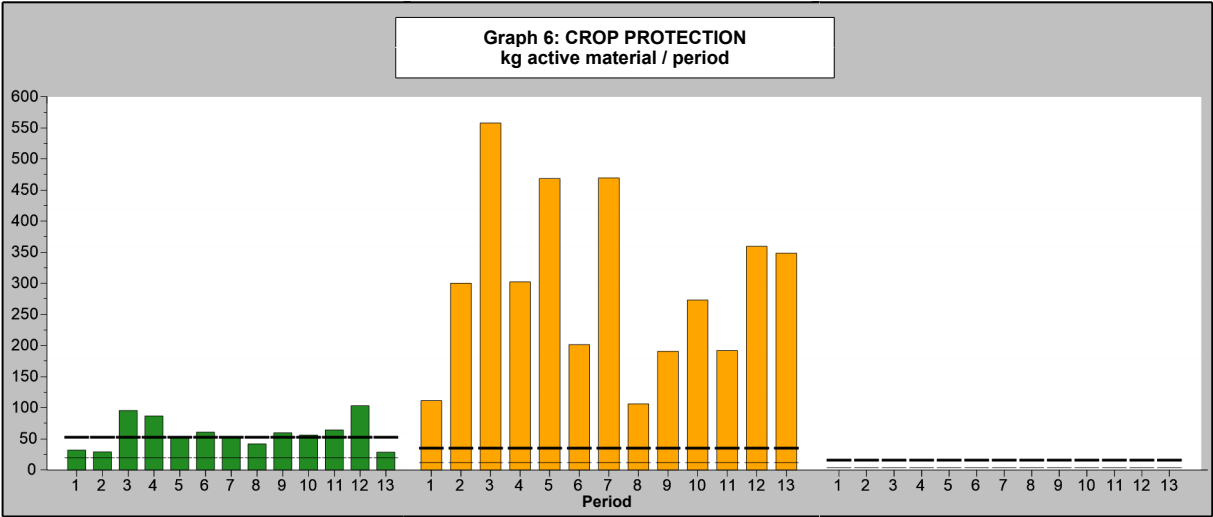


QUALIFICATION AND PERIOD GRAPHS

MPS company number: 801923/01
Company name: Maranque Plants PLC (total)

Valid: Period 1-2024 until Period 13-2024
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<-----> = Upperlimit <.....> = Lowerlimit



MPS-Overview Composition of Qualification

MPS company number: 801923/01
Company name: Maranque Plants PLC (total)

Valid: Period 1-2024 until Period 13-2024
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Composition of points MPS environmentally certified parental material

Certified parental material	(Average) area	Your Points	Max points
Total cultivated area 1)	160000 m2		
Area certified parental material MPS-ABC	160000 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 2	Zone 2	Zone 2	Zone 2	Zone 2	Zone 2	Zone 2	Zone 2	Zone 2	Zone 2	Zone 2	Zone 2	Zone 2

Company usage of MPS-MIND

Pesticide	Indicator color	active ingredient	Annual company use of active substance		
			Green	Amber	Red
Abamectin	●	abamectin		2,482	
Actisoil	○	bacteria			
Agral gold	○	diocetyl sodium sulfosuccinate			
AL-Fosetyl 80% WP	●	fosetyl-aluminium	78,004		
Arsur 10 EC / Arsur 100 EC	●	hexythiazox		0,992	
Avaunt 150 SC	●	indoxacarb		2,525	
Azoxynil 560 g/l SC	●	azoxystrobin		2,850	
	●	chlorothalonil	23,750		
Azoxystrobin 250 g/kg WDG	●	azoxystrobin		23,985	
Azoxystrobine 250 SC	●	azoxystrobin		1,328	
Beauvitech WP	○	beauveria bassiana			
Belt SC 480	●	flubendiamide	1,262		
Benevia 10 OD	●	cyantraniliprole	7,215		
Bifenazate SC	●	bifenazate	12,120		
Bio-T Plus WP	○	bacillus thuringiensis			
B-Nine WSG	●	daminozide	8,639		
Buprofezin 440 g/l SC	●	buprofezin		15,956	
Chess 50 WG	●	pymetrozine		1,313	
Chlorothalonil 720 SC	●	chlorothalonil	64,835		
Chrystop groen 0.25%	●	indolylbutyric acid	0,600		
Chryzotop Green 0.25%	●	indolylbutyric acid	0,750		
Cinnaloid	○	vegetable oil			
Clofentezine 500 g/L SC	●	clofentezin		1,344	
Collis 300 SC	●	boscalid	1,160		
	●	kresoxim-methyl	0,580		
Copper(I)oxide 862 WP	●	copper oxid	1,552		
Cupros 50 WP	●	copper oxychloride		13,136	
Cyflumetofen 200g/l SC	●	cyflumetofen		10,307	
Cyromazine 750 g/kg WP	●	cyromazine		44,013	
Daconil	●	chlorothalonil	67,248		
Daminozide	●	daminozide	1,437		
Dazomet 98 g/kg G	●	dazomet	70,560		
Debar 450 SL	●	glyphosate		3,150	
Delegate 250 WG	●	spinetoram	0,060		
Duss 10 EC	●	pyriproxyfen		1,350	
Dynamec 1.8 EC	●	abamectin		1,056	
Efentezine 50 SC	●	clofentezin		9,469	

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Company usage of MPS-MIND

Pesticide	Indicator color	active ingredient	Annual company use of active substance		
			Green	Amber	Red
Eko-Mist	○	ethylene diglycol			
Elbuff	○	adjuvant			
	○	wetting/sticker agents other			
Enno Rapid	●	benzoic acid	6,100		
	○	ethanol			
Ethylene Absorbent	○	pretreatment			
Etoxazole 50 g/kg WDG	●	etoxazole	0,300		
Flocon 260	○	treatment of water			
Flonicamid 500 g/kg WDG / 50% WG	●	flonicamid	18,232		
Flower DS 4 EC	●	pyrethrins	1,839		
Flower DS 4%	●	piperonyl butoxide	1,664		
	●	pyrethrins	0,416		
GeraSol	○	sodium chloride			
	○	washing soap			
Gladius 10 SC	●	flometoquin		10,775	
Hexythiazox 100 g/l EC	●	hexythiazox		2,703	
Humix Super	○	humic acids			
Hydrogen peroxide 35%	○	hydrogen peroxide			
Indox 150 SC	●	indoxacarb		1,691	
Iroxx	●	ferric phosphate	4,601		
Kanemite 150 SC / 15 SC	●	acequinocyl	0,390		
Kelpak	○	seaweed extract			
Kobe 1.2 SL	○	plant extract			
Levo 2.4 SL	●	oxymatrine		1,442	
	○	plant extract			
Menno Clean	●	benzoic acid	22,500		
Menno Florades	●	benzoic acid	202,500		
Metalaxyl 25 PCT	●	metalaxyl		9,213	
Metaprop 25% WP	●	metalaxyl-m		2,370	
	●	propamocarb	1,580		
Metarhizium anisopliae solution	○	metarhizium anisopliae			
Metham sodium	●	metam-sodium		3549,030	
Movento OD 150	●	spirotetramat	7,880		
Mycotal	○	verticillium lecanii / lecanicillium s			
Neem Raj (Neemraj) Super 3000 (0.3	●	azadirachtin	0,474		
Neemraj 300 EC (0.03%)	●	azadirachtin	0,003		
NEMguard	○	garlic extract			
Neudosan	○	potassium salts and fatty acids			
NoPath drench	○	vegetable oil			
NoPath EW	○	vegetable oil			
Oxymatrin 2.4 EC	●	oxymatrine		2,313	
Ozoneem 1% EC	●	azadirachtin	0,311		
Pegasus 500 SC	●	diafenthion		23,142	
Pirouette	●	paclobutrazol		0,075	
Prev-Am 60 SL (60 g/l Orange oil)	○	d-limonene			
Previcur Energy	●	fosetyl-aluminium	1,043		
	●	propamocarb	1,782		
Procure 480 SC	●	triflumizole		7,704	
Propamocarb hydrochloride 722 g/l S	●	propamocarb hydrochloride	62,395		
Proplant	●	propamocarb hydrochloride	18,837		
Pullit	○	attractant			
Pyraclobos 190 SC	●	boscalid	3,176		
	●	pyraclostrobin	1,613		
Pyrus 400 SC	●	pyrimethanil		0,152	

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Company usage of MPS-MIND

Pesticide	Indicator color	active ingredient	Annual company use of active substance		
			Green	Amber	Red
Quiksil	○	silicone			
Real Bacillus Subtilis	○	bacillus subtilis			
Real Metarhizium OD	○	metarhizium anisopliae			
Rizolex Fungicide	●	tolclofos-methyl		92,525	
Saboon	○	plant extract			
Saf-T-Side 800EL	●	paraffin oil		1,120	
Serenade ASO	○	bacillus amyloliquefaciens			
Silwet Gold	○	heptamethyltrisiloxane			
Sivanto Prime SL 200	●	flupyradifurone		14,385	
Sodium Hypochloride/Hypochlorite 10	○	chlorine (wo)			
Spinosad 480 g/L SC	●	spinosad	16,760		
Stargem 80% WP	●	mancozeb	27,864		
Sulfolac 80 WG	○	sulfur/sulphur			
Switch 62.5 WG	●	cyprodinil	2,139		
	●	fludioxonil	1,445		
	●	cyprodinil	0,120		
	●	fludioxonil	0,080		
Tapazol Perfect 1.92 EC	●	emamectin benzoate		1,078	
Teldor 500 SC	●	fenhexamid	0,319		
Teldor WG 50 / Teldor WDG	●	fenhexamid	1,070		
Tels-BV	○	plant extract			
Teppeki 50 WG	●	flonicamid	1,518		
Thiovit Jet	○	sulfur/sulphur			
Thuricide H.P	○	bacillus thuringiensis			
Topsin M	●	thiophanate-methyl	1,196		
Topsin M (liquid)	●	thiophanate-methyl	1,295		
Trigard 75 WP	●	cyromazine		17,100	
Uphold 360 SC	●	methoxyfenozide	9,657		
	●	spinetoram	1,931		
Annual company use of active substance			762,801	3872,072	0

OVERVIEW RECORDED DATA

MPS company number: **801923/01**

Company name: Maranque Plants PLC (total)

Valid: Period 1-2024 until Period 13-2024

Version: 20-1-2025

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										
3107	Abamectin	ml	7314	10826	7875		5100	10575	41690	137911
4545	Actisoil	grams	4800	6500	8100	11500	4100	5200	40200	85800
3235	Agral gold	ml		8400	10400	220	1600	2000	22620	39132
3395	AL-Fosetyl 80% WP	grams								97505
990673	Amblyseius / Neoseiulus californicus	number	1600000	800000	600000	1200000	800000		5000000	21500000
990705	Amblyseius / Neoseiulus swirskii	number	1003750	1000000					2003750	5628750
3396	Arsur 10 EC / Arsur 100 EC	ml		2137	1275				3412	9918
3387	Avaunt 150 SC	ml	2670	3600	2310				8580	16835
4628	Azoxynil 560 g/l SC	ml	4600	7000	5200	3300	7100	6900	34100	47500
4594	Azoxystrobin 250 g/kg WDG	grams	6676	5658	6216	2250	3050	1775	25625	95940
4642	Azoxystrobin 250 SC	ml				5313			5313	5313
4243	Beauvitech WP	grams	3975	9910	8400	2700	200	3355	28540	38385
4156	Belt SC 480	ml								2630
4406	Benevia 10 OD	ml	3625	6700	4860	5960	3300	4013	28458	72153
4564	Bifenazate SC	ml	1710	2430	3075	2850	5428	4110	19603	50501
4414	Bio-T Plus WP	grams								2200
3843	B-Nine WSG	grams	86	258	333	240	936	1269	3122	10164
4591	Buprofezin 440 g/l SC	ml	4050	2455	3400	4138	2126	200	16369	36264
3340	Chess 50 WG	grams								2625
4658	Chlorothalonil 720 SC	ml		33133	12630	12780	18625	12880	90048	90048
3207	Chrystop groen 0.25%	grams	60000	60000		60000			180000	240000
4445	Chryzotop Green 0.25%	grams			60000			60000	120000	300000
4295	Cinnaloid	ml	1200	7460	3200	4500	3000	4400	23760	73135
4575	Clofentezine 500 g/L SC	ml	450		225		325		1000	2688
3167	Collis 300 SC	ml								5800
4659	Copper(I)oxide 862 WP	grams		1800					1800	1800
4520	Cupros 50 WP	grams	800			238			1038	15638
4586	Cyflumetofen 200g/l SC	ml	4400	4389	2325	6675	6475	4975	29239	51536
4629	Cyromazine 750 g/kg WP	grams	6500	6126	4114	6525	3625	4394	31284	58684
3242	Daconil	ml						490	490	93400
4567	Daminozide	grams								1690
4590	Dazomet 98 g/kg G	grams								720000
4466	Debar 450 SL	ml					7000		7000	7000
4089	Delegate 250 WG	grams								240
4503	Duss 10 EC	ml	900	1850	2425	200	1025	1950	8350	13503
3041	Dynamec 1.8 EC	ml	5124	1200	5446	3703	11775	10588	37836	58649
3849	Efentezine 50 SC	ml	2700	2625	1725	1050		1238	9338	18938

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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CROP PROTECTION AGENTS (Continued)

4049	Eko-Mist	ml								2000
4372	Elbuff	ml	5138	6150	3150	1050	4900		20388	33288
4324	Enno Rapid	ml	100000	100000	100000	80000		10000	390000	1220000
4439	Ethylene Absorbent	grams								12500
4574	Etoxazole 50 g/kg WDG	grams						6000	6000	6000
4145	Flocon 260	ml	25000						25000	200000
4573	Flonicamid 500 g/kg WDG / 50% WG	grams								36464
4557	Flower DS 4 EC	ml	3600	3200		11700			18500	45980
4067	Flower DS 4%	ml			10400				10400	10400
4001	GeraSol	ml								600
4437	Gladius 10 SC	ml	6450	5850	4500	900	4762	6749	29211	101649
4595	Hexazinone 250 g/l SL	ml		6000		1200			7200	41700
3315	Hexythiazox 100 g/l EC	ml	6424	2126	2750		7275	1913	20488	27026
4587	Humix Super	ml								70000
3307	Hydrogen peroxide 35%	ml					200	750	950	9350
4332	Indox 150 SC	ml		600	450	1925			2975	11275
4453	Iroxx	grams		800	12000	16000	15200	22000	66000	154900
4033	Kanemite 150 SC / 15 SC	ml						800	800	2600
3345	Kelpak	ml		7000	3600	6000	600		17200	38600
3406	Kobe 1.2 SL	ml	4950	15250	5000	6630	4725	2825	39380	75380
4155	Levo 2.4 SL	ml	10600					10200	20800	60100
4012	Menno Clean	ml					250000		250000	250000
3999	Menno Florades	ml	210000	150000	300000	390000	550000		1600000	2250000
3934	Metalaxyl 25 PCT	grams	2800	1200	1400	1200			6600	36850
4473	Metaprop 25% WP	grams					4538	11265	15803	15803
3857	Metarhizium anisopliae solution	ml					1800		1800	1800
3199	Metham sodium	ml	200000	400000	600000	400000	800000	780000	3180000	8430000
3858	Movento OD 150	ml	4189	3407	4368	6592	3587	3218	25361	52534
4334	Mycotal	grams			4200	4200	1800		10200	20535
3401	Neem Raj (Neemraj) Super 3000 (0.3%)	ml	13845				3380	15680	32905	158081
4524	Neemraj 300 EC (0.03%)	ml					10750		10750	10750
4245	NEMguard	ml	535	250		600	1500	11100	13985	91270
4420	Neudosan	ml		3150	1920	12980	1750	900	20700	59000
4069	NoPath drench	ml		950			1550		2500	7600
4625	NoPath EW	ml			9000				9000	9000
3179	Oxymatrin 2.4 EC	ml	3625	10300	11500	14200	10400	1400	51425	96375
4031	Ozoneem 1% EC	ml	300					370	670	31090
3040	Pegasus 500 SC	ml	1864	3320	5024	3047	6786	7646	27687	46284

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
CROP PROTECTION AGENTS (Continued)										
990391	Phytoseiulus persimilis	number	1370000	1960000	2430000	3040000	3400000	2560000	14760000	29000000
4478	Pirouette	ml	3505	1840					5345	18795
4404	Prev-Am 60 SL (60 g/l Orange oil)	ml			900		600	1500	3000	10200
3245	Previcur Energy	ml		600		726	333	1704	3363	3363
3305	Procure 480 SC	ml	4665			3740	880	8	9293	16050
4592	Propamocarb hydrochloride 722 g/l SL	ml	16592	13240	12588	650			43070	86419
3044	Proplant	ml			950	11600	9590	2150	24290	26090
4209	Pullit	ml					2700		2700	2700
4593	Pyraclobos 190 SC	ml	2136	2625	1995	1525	700	4200	13181	25209
3182	Pyrus 400 SC	ml								380
4455	Quiksil	ml								40
4276	Real Bacillus Subtilis	ml				450		200	650	4380
4264	Real Metarhizium OD	ml				480			480	480
4272	Rizolex Fungicide	ml	7085	10650	13050	13780	12525	13140	70230	185050
4396	Saboon	ml	1850	4500	5250	12900	3300		27800	41050
4002	Saf-T-Side 800EL	ml								1400
4494	Serenade ASO	ml	1225	2000		80			3305	9375
3304	Silwet Gold	ml								585
4284	Sivanto Prime SL 200	ml	2075	7225	5400	5625	3450	2325	26100	71926
3209	Sodium Hypochloride/Hypochlorite 10-12% (FiveStar)	ml	570000	930000	840000	1380000	330000	600000	4650000	8516000
4576	Spinosad 480 g/L SC	ml	3465	3085	1677	3757	2195	2360	16539	34917
4092	Stargem 80% WP	grams	4380	1350		2400		2550	10680	34830
990515	Steinernema feltiae	number	25000000000	30000000000	10000000000	15000000000	3750000000		61250000000	103500000000
4229	Sulfolac 80 WG	grams				303			303	303
3127	Switch 62.5 WG	grams		1000					1000	5780
4539	Switch 62.5 WG	grams						320	320	320
4416	Tapazol Perfect 1.92 EC	ml	3420	6240	5760	5640	3360	2340	26760	56138
3185	Teldor 500 SC	ml				630			630	638
3186	Teldor WG 50 / Teldor WDG	grams	155	122			225	110	612	2139
4588	Tels-BV	ml		1200	1200	3600			6000	89000
3378	Teppeki 50 WG	grams					700	2336	3036	3036
3952	Thiovit Jet	grams						1088	1088	4513
4657	Thuricide H.P	grams		6750	2100	3300	1900	400	14450	14450
3060	Topsin M	grams						1708	1708	1708
3002	Topsin M (liquid)	ml					2590		2590	2590
3205	Trigard 75 WP	grams								22800
4541	Uphold 360 SC	ml	2040	1800	3450	1940	600	1320	11150	32190

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
WATER										
21	Total irrigation	m3	899	9466	3015	1267	2695	3004	20346	78206
ENERGY										
4	Electricity from the grid (Total)	kWh	60000	106500	124500	123000	118500	123000	655500	1351500
54	Diesel oil/fuel	litres	7000	27590	24340	26625	12442	35449	133446	278028
FERTILIZERS										
572	Ammonium Sulphate (21%)	kg				550	1040	1000	2590	2590
524	Borax (Boric Acid)	kg	14,2	14,8	15,51	14,105	13,72	13,13	85,465	194,505
648	Calcium Ammonium Nitrate 15.5+0+0 (+26.5%CaO)	kg						8012,5	8012,5	16571
723	Calcium Carbonate MgO 19%	kg	800	250					1050	12375
596	Calcium chloride 65%	kg				205,5			205,5	205,5
593	Calcium Chloride 77-94 %	kg	3030	3035	2840		260	212	9377	37845
503	Calcium nitrate (nitrate of Lime) 15.5+0+0	kg	9010	10090	9095	8610	8415		45220	107462
505	Copper sulphate	litres	6	4,9	4,8	4,6	4,44	4,3	29,04	6133,37
526	EC Fertiliser Iron Chelate (EDDHA) 6%Fe	kg						185	185	185
650	Eddha HSI 6%Fe	kg								545,5
544	Eddha iron 6%Fe	kg	153,4	159,6		173,8	192,4		679,2	1371,6
745	Ezy Flow Calbud 4.5+0+0	litres					5850		5850	5850
734	Fe Chelate 3% DTPA	kg	242	234		190	139,6		805,6	805,6
579	Fe DTPA 3 %	litres			224			143	367	2072,2
525	Fe DTPA 6%	kg			158,8				158,8	158,8
679	Granfol-K 0+31+22	litres								102,4
660	Haifa MKP Mono Potassium Phosphate 0+52+34	kg				110	220	210	540	540
730	HSI TE Plus	kg	7,2	10,8	14,4	16,2	19,5	19,5	87,6	188,4
725	Magnesium Nitrate (MagNit) 11+0+0 (+16%MgO) Agril	kg	450	600		1790			2840	4960
523	Magnesium nitrate 11+0+0 (+15%MgO)	kg					3077		3077	3781
508	Magnesium nitrate 7+0+0 (+10%MgO)	litres			1200			3353	4553	4553
521	Magnesium sulphate 15.9% MgO+32.6%SO3)	kg	4000,5	4050	3955	2712,5	1280	1012,5	17010,5	35908,5
511	Magnesium sulphate 7.5%MgO+15.7% SO3	litres								14195,5
513	Manganese sulphate	kg	23	22,3	22,74	23,08	22,34	21,5	134,96	317,96

OVERVIEW RECORDED DATA (Continued)

MPS company number: 801923/01
Company name: Maranque Plants PLC (total)

Valid: Period 1-2024 until Period 13-2024
Version: 20-1-2025

Code	Description	Unit	Period 8	Period 9	Period 10	Period 11	Period 12	Period 13	Subtotal	Year total
FERTILIZERS (Continued)										
529	Mono-Ammonium Phosphate (MAP) 12+61+0	kg	330,5	338	370	339,2	435	427,5	2240,2	4837,2
551	Nitric Acid 68%	litres	2143	1793,4	2076,26	1152,12			7164,78	20657,68
675	Nitrogen Potassium Fertilizer 13+0+46	kg								5175
677	NPK Fertilizer with Sulphur 15+15+15 (+5)	kg	800	550	400	400	350		2500	15350
533	Potassium Nitrate 13+0+46	kg	3975,5	4050	3905	3152,5	2125	1912,5	19120,5	45424
517	Potassium Sulphate	kg	225	250	300	1070	2082	2125	6052	8022
674	Sodium Molybdate (HSI)	kg	3,31	3,4	3,35	3,3	3,16	3	19,52	45,78
540	Sulphuric Acid 98%	litres					866,44	979,9	1846,34	1846,34
537	Urea 46%	kg	84	76,5	75	109,5	66	66	477	1045
1172	Veni Biosulfur	litres			5000				5000	5000
501	Zinc sulphate	litres	31,63						31,63	31,63
720	Zinc Sulphate 22% Fertilizer	kg		31,8	30,36	30,6	28,84	28,2	149,8	358,7

ENVIRONMENTAL CLUSTERS

Indoor crops										
3070	POTPLANTS par. mat.	m2	160000	160000	160000	160000	160000	160000		
	Subtotal		160000	160000	160000	160000	160000	160000		
Certified parental material										
661	MPS-ABC certif.parental mat. indoor	m2	160000	160000	160000	160000	160000	160000		

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?								Yes	
Slope										
3902	What is the maximum slope of a plot on this location?								flat	

OVERVIEW RECORDED DATA (Continued)

MPS company number: **801923/01**

Company name: Maranque Plants PLC (total)

Valid: Period 1-2024 until Period 13-2024

Version: 20-1-2025

GENERAL INFORMATION FORM

MPS-Mind

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)?	>= 15 metres / >= 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%
3906	What is the average annual rainfall?	600 - 1500 mm annually / 23 - 59 inch
3907	How many months per year may be regarded as exceptionally dry (less than 2% of the annual precipitation)?	2 - 6 months
3908	What is the average day and night temperature over a whole year?	> 20 degrees C / 68 degrees F on aver

Water management

45	Do you collect rainwater?	No
47	Do you collect leaking water while working with chemicals?	Yes
49	Do you record water use?	Yes
50	Do you use drip irrigation or recirculation?	Yes

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
44	Do you process chemical waste in a responsible way?	Yes

OVERVIEW RECORDED DATA

MPS company number: **801923/01**

Company name: Maranque Plants PLC (total)

Valid: Period 1-2024 until Period 13-2024

Version: 20-1-2025

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										
3107	Abamectin	ml	7575	9750	17545	12150	18787	14951	15463	96221
4545	Actisoil	grams	6400	9000	4000	5800	9200	7000	4200	45600
3235	Agral gold	ml	600	400	1400	1002	5400	2110	5600	16512
3395	AL-Fosetyl 80% WP	grams	7600		35145	28510	13290	12960		97505
990673	Amblyseius / Neoseiulus californicus	number	2250000	6275000	2025000	2150000	1000000	1600000	1200000	16500000
990705	Amblyseius / Neoseiulus swirskii	number	625000				750000	1250000	1000000	3625000
3396	Arsur 10 EC / Arsur 100 EC	ml	675		3505	2288	38			6506
3387	Avaunt 150 SC	ml	3795	1830	200	780		750	900	8255
4628	Azoxynil 560 g/l SC	ml				1800	1200	2000	8400	13400
4594	Azoxystrobin 250 g/kg WDG	grams	9225	10755	6490	19005	12600	7200	5040	70315
4642	Azoxystrobin 250 SC	ml								
4243	Beauvitech WP	grams		1450		1660	75	2985	3675	9845
4156	Belt SC 480	ml	740	160	160	1570				2630
4406	Benevia 10 OD	ml	6600	6150	4600	5680	4425	9100	7140	43695
4564	Bifenazate SC	ml	6340	7310	3818	4430	3695	2620	2685	30898
4414	Bio-T Plus WP	grams				600	800		800	2200
3843	B-Nine WSG	grams		796	2145	2207	1528	336	30	7042
4591	Buprofezin 440 g/l SC	ml	6760	3530	1435	2840	2775	605	1950	19895
3340	Chess 50 WG	grams		2625						2625
4658	Chlorothalonil 720 SC	ml								
3207	Chrystop groen 0.25%	grams	60000							60000
4445	Chryzotop Green 0.25%	grams			60000		60000		60000	180000
4295	Cinnaloid	ml	6800	9200	9800	9200	5600	4400	4375	49375
4575	Clofentezine 500 g/L SC	ml	900					788		1688
3167	Collis 300 SC	ml	3700	530	1570					5800
4659	Copper(I)oxide 862 WP	grams								
4520	Cupros 50 WP	grams		5000	2000	5200	1200		1200	14600
4586	Cyflumetofen 200g/l SC	ml	3950	1500	5664	3763	1350	2100	3970	22297
4629	Cyromazine 750 g/kg WP	grams				6948	6039	7538	6875	27400
3242	Daconil	ml	15400	9950	20650	17860	15850	13200		92910
4567	Daminozide	grams	820	870						1690
4590	Dazomet 98 g/kg G	grams			240000	240000		120000	120000	720000
4466	Debar 450 SL	ml								
4089	Delegate 250 WG	grams			240					240
4503	Duss 10 EC	ml		1960				5	3188	5153
3041	Dynamec 1.8 EC	ml	1570		3325	1613	1350	8605	4350	20813
3849	Efentezine 50 SC	ml	4050		900	900	900		2850	9600

OVERVIEW RECORDED DATA (Continued)

MPS company number: **801923/01**

Company name: Maranque Plants PLC (total)

Valid: Period 1-2024 until Period 13-2024

Version: 20-1-2025

Code	Description	Unit	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Subtotal
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CROP PROTECTION AGENTS (Continued)

4049	Eko-Mist	ml				1000	1000			2000
4372	Elbuff	ml		3300	450	1575	900		6675	12900
4324	Enno Rapid	ml	60000	120000	150000	80000	110000	160000	150000	830000
4439	Ethylene Absorbent	grams						12500		12500
4574	Etoxazole 50 g/kg WDG	grams								
4145	Flocon 260	ml	25000	25000	25000	50000	25000		25000	175000
4573	Flonicamid 500 g/kg WDG / 50% WG	grams	4600	13429	4134	3306	7748	3247		36464
4557	Flower DS 4 EC	ml	4200	5280	2200		6800	4600	4400	27480
4067	Flower DS 4%	ml								
4001	GeraSol	ml			600					600
4437	Gladius 10 SC	ml	10050	11100	11800	9300	9375	11663	9150	72438
4595	Hexazinone 250 g/l SL	ml	5000	1500	3000	4000	10000	8000	3000	34500
3315	Hexythiazox 100 g/l EC	ml	1925		38		2100	1800	675	6538
4587	Humix Super	ml			25000	20000	25000			70000
3307	Hydrogen peroxide 35%	ml			1200	1200	3000		3000	8400
4332	Indox 150 SC	ml	2000	3200	800	1500	800			8300
4453	Iroxx	grams	4000	22000	13000	23700	25700		500	88900
4033	Kanemite 150 SC / 15 SC	ml	1200						600	1800
3345	Kelpak	ml	9200	2000		2400	7800			21400
3406	Kobe 1.2 SL	ml	7000	3520	1560	1560	14920	2640	4800	36000
4155	Levo 2.4 SL	ml					6300	19000	14000	39300
4012	Menno Clean	ml								
3999	Menno Florades	ml		20000	170000	120000	80000	130000	130000	650000
3934	Metalaxyl 25 PCT	grams	1200	6600	9000	5500	3750		4200	30250
4473	Metaprop 25% WP	grams								
3857	Metarhizium anisopliae solution	ml								
3199	Metham sodium	ml	210000	630000	1260000	630000	1050000	420000	1050000	5250000
3858	Movento OD 150	ml	1120	2874	6425	1496	3634	4207	7417	27173
4334	Mycotal	grams		3700		1600	1700	1650	1685	10335
3401	Neem Raj (Neemraj) Super 3000 (0.3%)	ml	29370	4720	10396	14915	21093	23231	21451	125176
4524	Neemraj 300 EC (0.03%)	ml								
4245	NEMguard	ml	12700	9160	9225	13775	28900	2675	850	77285
4420	Neudosan	ml	8400	10200	1200	2400	3000	11700	1400	38300
4069	NoPath drench	ml			5100					5100
4625	NoPath EW	ml								
3179	Oxymatrin 2.4 EC	ml	600	3600	3600	6200	26750	2400	1800	44950
4031	Ozoneem 1% EC	ml		6980	15815	7625				30420
3040	Pegasus 500 SC	ml	384	2436	2328	3771	3640	2422	3616	18597

OVERVIEW RECORDED DATA (Continued)

MPS company number: 801923/01
Company name: Maranque Plants PLC (total)

Valid: Period 1-2024 until Period 13-2024
Version: 20-1-2025

Code	Description	Unit	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Subtotal
CROP PROTECTION AGENTS (Continued)										
990391	Phytoseiulus persimilis	number	1440000	2000000	1880000	2980000	1800000	1960000	2180000	14240000
4478	Pirouette	ml	678	560	560	938	2736	3338	4640	13450
4404	Prev-Am 60 SL (60 g/l Orange oil)	ml		1200		1400	1800	1000	1800	7200
3245	Previcur Energy	ml								
3305	Procure 480 SC	ml		253			12	1804	4688	6757
4592	Propamocarb hydrochloride 722 g/l SL	ml	3203	3780	1436	4194	8241	6360	16135	43349
3044	Proplant	ml						1000	800	1800
4209	Pullit	ml								
4593	Pyraclobos 190 SC	ml		450	3000	550	2135	2970	2923	12028
3182	Pyrus 400 SC	ml					380			380
4455	Quiksil	ml		40						40
4276	Real Bacillus Subtilis	ml	3730							3730
4264	Real Metarhizium OD	ml								
4272	Rizolex Fungicide	ml	8335	23395	14865	26695	13650	16570	11310	114820
4396	Saboon	ml	3600	1200	4200	1200		50	3000	13250
4002	Saf-T-Side 800EL	ml							1400	1400
4494	Serenade ASO	ml	1000	300	25	525	155	55	4010	6070
3304	Silwet Gold	ml		480			95	10		585
4284	Sivanto Prime SL 200	ml	5200	4950	13300	3588	5700	5588	7500	45826
3209	Sodium Hypochloride/Hypochlorite 10-12% (FiveStar)	ml	300000	672000	621000	720000	480000	443000	630000	3866000
4576	Spinosad 480 g/L SC	ml	1843	2048	2343	3360	2931	3292	2561	18378
4092	Stargem 80% WP	grams	2700	1500	2400	2700	3600	2700	8550	24150
990515	Steinernema feltiae	number	12500000000	13500000000	5000000000		11250000000			42250000000
			0							
4229	Sulfolac 80 WG	grams								
3127	Switch 62.5 WG	grams	1500	1280		1000	1000			4780
4539	Switch 62.5 WG	grams								
4416	Tapazol Perfect 1.92 EC	ml	2980	2176	4470	5250	2862	4320	7320	29378
3185	Teldor 500 SC	ml			8					8
3186	Teldor WG 50 / Teldor WDG	grams	568	349		255	91	55	209	1527
4588	Tels-BV	ml	6000	12800	14000	15400	20000	10800	4000	83000
3378	Teppeki 50 WG	grams								
3952	Thiovit Jet	grams	550	550	300	675	1350			3425
4657	Thuricide H.P	grams								
3060	Topsin M	grams								
3002	Topsin M (liquid)	ml								
3205	Trigard 75 WP	grams	6940	8650	7210					22800
4541	Uphold 360 SC	ml	640	3520	2000	2600	4520	4480	3280	21040

OVERVIEW RECORDED DATA (Continued)

MPS company number: **801923/01**

Company name: Maranque Plants PLC (total)

Valid: Period 1-2024 until Period 13-2024

Version: 20-1-2025

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

21	Total irrigation	m3	5000	6096	5786	8397	15348	10504	6730	57861
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ENERGY

4	Electricity from the grid (Total)	kWh	117000	112500	99000	82500	108000	94500	82500	696000
54	Diesel oil/fuel	litres	15577	28385	22652	25329	18927	10230	23482	144582

FERTILIZERS

572	Ammonium Sulphate (21%)	kg								
524	Borax (Boric Acid)	kg	13	16,2	17	17,3	18,5	8,24	18,8	109,04
648	Calcium Ammonium Nitrate 15.5+0+0 (+26.5%CaO)	kg		8558,5						8558,5
723	Calcium Carbonate MgO 19%	kg	425	700	450	8500	850		400	11325
596	Calcium chloride 65%	kg								
593	Calcium Chloride 77-94 %	kg	2250	2587,5	2935	2435,5	3030	11680	3550	28468
503	Calcium nitrate (nitrate of Lime) 15.5+0+0	kg	7837,5		10144	9435	10973	12622,5	11230	62242
505	Copper sulphate	litres	4,2	4,63	5460	10	6	7,5	612	6104,33
526	EC Fertiliser Iron Chelate (EDDHA) 6%Fe	kg								
650	Eddha HSI 6%Fe	kg		151	180,4			214,1		545,5
544	Eddha iron 6%Fe	kg	140			166,8	192,4		193,2	692,4
745	Ezy Flow Calbud 4.5+0+0	litres								
734	Fe Chelate 3% DTPA	kg								
579	Fe DTPA 3 %	litres	173	200	234,2	204	260	342	292	1705,2
525	Fe DTPA 6%	kg								
679	Granfol-K 0+31+22	litres	30,3	33	34,6		4,5			102,4
660	Haifa MKP Mono Potassium Phosphate 0+52+34	kg								
730	HSI TE Plus	kg	19,5	19,5	19,8	12	13,5	8,7	7,8	100,8
725	Magnesium Nitrate (MagNit) 11+0+0 (+16%MgO) Agril	kg	280			720	600	520		2120
523	Magnesium nitrate 11+0+0 (+15%MgO)	kg		240	464					704
508	Magnesium nitrate 7+0+0 (+10%MgO)	litres								
521	Magnesium sulphate 15.9% MgO+32.6%SO3)	kg	3672,5			4162,5	5050,5	6012,5		18898
511	Magnesium sulphate 7.5%MgO+15.7% SO3	litres		4050	4730,5				5415	14195,5
513	Manganese sulphate	kg	20,7	22,8	26,65	21,67	28,6	33,58	29	183

OVERVIEW RECORDED DATA (Continued)

MPS company number: 801923/01
Company name: Maranque Plants PLC (total)

Valid: Period 1-2024 until Period 13-2024
Version: 20-1-2025

Code	Description	Unit	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Subtotal
FERTILIZERS (Continued)										
529	Mono-Ammonium Phosphate (MAP) 12+61+0	kg	334,5	340	413,5	412,5	420	286,5	390	2597
551	Nitric Acid 68%	litres	1362	1901,4	1927,4	1425,64	2184,9	2136,56	2555	13492,9
675	Nitrogen Potassium Fertilizer 13+0+46	kg							5175	5175
677	NPK Fertilizer with Sulphur 15+15+15 (+5)	kg	450		450	10200	950		800	12850
533	Potassium Nitrate 13+0+46	kg	3672,5	4200	4705,5	4162,5	3675,5	5887,5		26303,5
517	Potassium Sulphate	kg	180		290	450	375	325	350	1970
674	Sodium Molybdate (HSI)	kg	3	3,2	3,7	3,24	4,2	4,82	4,1	26,26
540	Sulphuric Acid 98%	litres								
537	Urea 46%	kg	60	70,5	80	63	77	118,5	99	568
1172	Veni Biosulfur	litres								
501	Zinc sulphate	litres								
720	Zinc Sulphate 22% Fertilizer	kg	26,5	29,7		29,3	37	47,4	39	208,9

ENVIRONMENTAL CLUSTERS

Indoor crops										
3070	POTPLANTS par. mat.	m2	160000	160000	160000	160000	160000	160000	160000	
	Subtotal		160000	160000	160000	160000	160000	160000	160000	
Certified parental material										
661	MPS-ABC certif.parental mat. indoor	m2	160000	160000	160000	160000	160000	160000	160000	