Project title:	AHDB Field Vegetable Centres – Brassicas, Cornwall 2021
Project number:	FV 462
Project leader:	Bill Herring, Duchy College
Report:	Final Report, September 2022
Previous report:	Annual Report, December 2020
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Location of project:	Trevarnon Farm, Gwithian, Cornwall
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Date project commenced:	1 April 2020

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The results and conclusions in this report are based on an investigation conducted over a one-year period. The conditions under which the experiments were carried out and the results have been reported in detail and with accuracy. However, because of the biological nature of the work it must be borne in mind that different circumstances and conditions could produce different results. Therefore, care must be taken with interpretation of the results, especially if they are used as the basis for commercial product recommendations.

# **AUTHENTICATION**

We declare that this work was done under our supervision according to the procedures described herein and that the report represents a true and accurate record of the results obtained.

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### Report authorised by:

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# **GROWER SUMMARY**

### Headline

- There is a good range of choice of Cauliflower varieties for autumn, winter and late winter harvest. (September – May). New varieties are being introduced from 8 seed houses to compliment and replace some varieties that have been mainstay varieties for a number of seasons.
- Differences in cauliflower yields between variety were greater than 10% (a 5% increase in yield produces an additional gross income of £486/Ha). Commercially growers are planning on a minimum of 70-75% marketable crop per variety.
- Large differences were observed between the best and worst performing spring greens with the hybrid varieties continuing to provide uniform and quality greens to meet predominately the supermarket requirements.
- Recently introduced varieties in the difficult January/February harvesting period continue to out perform some varieties that have been grown for a number of seasons.

# Background

Variety selection in brassica crops is a complex equation in order to fill the right slot for planned harvest windows. It is also a key part of IPM strategies.

Brassica trials in the south west have been conducted over many years to help local growers and the wider industry to understand the variety choices available and to ensure independent data is available over a number of seasons.

## Summary

### **Overview**

Brassica trials of autumn cauliflower, winter cauliflower, late winter cauliflower and spring greens were conducted at Trevarnon Farm, Gwithian, Cornwall in 2021/22. Methodology is detailed for each crop type.

# Autumn cauliflower variety trial 2021

### Methods

15 varieties from 6 Seed houses were transplanted on the 14th and 23rd July 2021. 8 varieties being trialled for the first time.

Planting density 25,315/Ha (10,249/Acre).

Transplanted into good ground conditions.

Harvested and graded in October/November 2021.

### **Results and discussion**

Lower than normal rainfall and warm temperatures in August resulting in smaller frames for most varieties in the trial. This resulted in a lower Grade 1 cut out due to some small curds.

Table of results for the better performing plots in harvesting order from early October to the middle of November. (Individual plot details in the appendix).

Seed house	Variety	Average 50% cut date	% Class 1	Crates/Ha size 8	Crates/Ha Size 6
Rijk Zwaan	CA 4386	07.10.21	70	2225	0
Elsoms	Toledo	08.10.21	68	2154	0
Agility	Kayak	09.10.21	69	2100	86
Elsoms	Skywalker	13.10.21	71	1719	696
Sakata	Amandine	16.10.21	75	2309	84
Rijk Zwaan	Milandes	18.10.21	75	2151	296
Sakata	Jericho	20.10.21	70	2131	84
Syngenta	Koten	23.10.21	73	2058	42
Sakata	CAU 21015	08.11.21	76	2287	128
Sakata	CAU 31070	15.11.21	79	1803	761

#### **Cauliflower confidential plots**

Observations and records of over 80 new lines from a range of seed houses covering the harvest period of mid October to late May, produced a number of excellent new varieties in the pipeline at various stages of development. Further Trials in 2022-23 will confirm the viability of some of these lines.





## Autumn cauliflower over-year averages

The influence of growing conditions and weather patterns impacts growth, harvesting periods and quality of product, therefore averages of performance over several seasons provides a more accurate guide to assist in crop planning and projected yields.

	AUTUMN		OWER		AVERAGE Y	IELDS OF GRAD	E 1 CURDS		осто	DBER	
10249 plants	/Acre					10249 plants	/Acre				
SEEDHOUSE		ELSOMS				SEEDHOUSE		SAKATA			
VARIETY		SKYWALK	ER			VARIETY		DENTON			
	Planting	50%	Days	%	Class 1		Planting	50%	Days	%	Class 1
	Date	cut date		Class 1	Marketable		Date	cut date		Class 1	Marketable
					Heads						Heads
2021	14th July	4th Oct	82	64	6556	2021	14th July	4th Oct	82	58	5944
2020	16th July	13th Oct	89	86	8818	2020	16th July	20th Oct	96	80	8202
2019	15th July	4th Oct	81	90	9220	2019	15th July	9th Oct	86	92	9424
2018	16th July	19th Oct	95	90	9222	2018	16th July	15th Oct	91	92	9226
4 yr Average	15th July	10th Oct	87	83	8454	4 yr Average	15th July	12th Oct	89	81	8199
10249 plants/	/Acre					8580 plants/	Acre				
SEEDHOUSE		SAKATA				SEEDHOUSE		SYNGENT	A		
VARIETY		JERICHO				VARIETY		KOTEN			
	Planting	50%	Days	%	Class 1		Planting	50%	Days	%	Class 1
	Date	cut date		Class 1	Marketable		Date	cut date		Class 1	Marketable
					Heads						Heads
2021	14th July	4th Oct	82	67	6832	2021	14th July	11th Oct	89	72	7380
2020	16th July	20th Oct	96	84	8608	2020	16th July	27th Oct	103	76	6521
2019	15th July	9th Oct	86	96	9832	2019	15th July	14th Oct	91	94	8064
2018	16th July	17th Oct	93	96	9844						
2017	14th July	23rd Oct	101	74	7584						
2016	12th July	17th Oct	97	90	9226						
2015	9th July	13th Oct	96	88	9022						
7yr Average	14th July	15th Oct	93	85	8707	<b>3yr Average</b>	15th July	17th Oct	94	81	7322

	AUTUMN	AVERAGE YIELDS OF GRADE 1 CURD								LATE	осто	OBER
10249 plants,	Acre						10249 plants,	/Acre				
SEEDHOUSE		SAKATA					SEEDHOUSE		<b>RIJK ZWA</b>	AN		
VARIETY		AMANDIN	IE				VARIETY		MILANDE	S (26-462	)	
	Planting	50%	Days	%	Class 1			Planting	50%	Days	%	Class 1
	Date	cut date		Class 1	Marketable			Date	cut date		Class 1	Marketable
					Heads							Heads
2021	14th July	30th Sept	78	68	6968		2021	14th July	4th Oct	82	64	6560
2020	16th July	2nd Nov	109	82	8406		2020	23rd July	5th Nov	105	76	7784
2019	15th July	14th Oct	91	92	9424		2019	15th July	14th Oct	91	88	9012
2018	16th July	22nd Oct	98	89	9108		2018	16th July	29th Oct	105	88	9018
2017	14th July	23rd Oct	101	84	8608		2016	14th July	12th Oct	90	86	8812
2016	21st July	17th Oct	97	90	9310							
2015	9th July	13th Oct	96	84	8606							
2014	10th July	24th Oct	106	91	9374							
8yr Average	14th July	18th Oct	97	85	8726		5 yr Average	17th July	18th Oct	95	80	8237
8580 plants/#	Acre						8580 plants//	Acre				
SEEDHOUSE		ENZA ZAD	EN				SEEDHOUSE		BAYER			
VARIETY		ANIQUE					VARIETY		5982			
	Planting	50%	Days	%	Class 1			Planting	50%	Days	%	Class 1
	Date	cut date		Class 1	Marketable			Date	cut date		Class 1	Marketable
					Heads		2021	Not in Trial				Heads
2021	14th July	7th Oct	85	77	6618		2020	16th July	9th Nov	116	78	6692
2020	16th July	23rd Oct	99	84	7207		2019	15th July	6th Nov	108	86	7372
2019	15th July	14th Oct	91	88	7550		2018	16th July	8th Nov	115	88	7512
2018	16th July	29th Oct	105	90	7720		2017	14th July	30th Oct	108	88	7209
2017	14th July	22nd Oct	100	92	7890		2016	12th July	31st Oct	101	92	7546
2016	21st July	7th Nov	109	94	8232		2015	9th July	29th Oct	112	97	8061
2015	, 9th July	19th Oct	101	87	7436		2014	, 10th July	16th Oct	98	90	7444
			High %	of Large of	curds		2013	, 10th July	4th Nov	117	68	4390
7yr Average	15th July	22nd Oct	99	87	7521		8 yr Average	13th July	30th Oct	109	87	7028

## Winter cauliflower variety trial 2021-22

#### Methods

34 varieties from 7 seed houses were transplanted on the 14th and 23rd July 2021.

Planting density, 21,192/Ha (8,580/Acre).

Transplanted into good ground conditions resulting in very good establishment.

Harvested October 2021 – March 2022.

### **Results and discussion**

The autumn weather patterns enabled a good frame for most varieties, resulting in high yields in November and December although some varieties were 7 - 10 days later than normal. December being warmer than normal resulted in a glut of varieties in January with above averages in Class 1 produce. The milder weather led to some varieties becoming loose in February and March.

 Table of results for the better performing plots in harvesting order from November 

 March 2022 (Individual plot details in the appendix)

Seed house	Variety	Average 50%	% Class 1	Crates/Ha	Crates/Ha
		cut date		size 8	Size 6
Clause	CF-H-2885	25.10.21	77	1916	151
Clause	Diwan	27.11.21	79	1729	487
Rijk Zwaan	Tramont	29.11.21	80	1706	548
Clause	Ditou	01.12.21	77	1835	256
Syngenta	Kashen	06.12.21	78	1906	212
Bayer	Sassolungo	11.12.21	79	1988	143
Syngenta	Lirren	20.12.21	84	2173	81
Elsoms	3338	22.12.21	77	1835	247
Clause	Jokker	01.01.22	78	1914	212
Syngenta	Akinen	13.01.22	83	2174	37
Syngenta	SGC 5086	26.01.22	78	2013	72
Bayer	5697	31.01.22	83	2094	143
Vilmorin	Trevaskis	02.02.22	81	2067	106
Bayer	Carantic	15.02.22	79	1985	141
Clause	Folder	19.02.22	80	2092	34
Clause	Mengwenn	02.03.22	79	1961	178
Elsoms	Almeria	19.03.22	80	1934	247
Vilmorin	Carbis	24.03.22	79	1788	408
Vilmorin	Vedis	27.03.22	79	1776	423

### Winter cauliflower over-year averages

The influence of growing conditions and weather patterns impacts growth, harvesting periods and quality of product, therefore averages of performance over several seasons provides a more accurate guide to assist in crop planning and projected yields. 21,192/Ha (8,580/Acre). A 5% increase in yield produces an additional gross income of £486/Ha (£197/acre).

		Winter C	auliflov	ver	AVERAGE Y	IELI	DS OF GRAD	E 1 CURDS		NOV	<b>DECI</b>	EMBER
							8580 plants/	Acre				
10249 plants	/Acre						SEEDHOU SE		CLAUSE			
SEEDHOUSE		BAYER					VARIETY		DIWAN			
VARIETY		5965						Planting	50%	Days	%	Class 1
	Planting	50%	Days	%	Class 1			Date	cut date		Class 1	Marketable
	Date	cut date		Class 1	Marketable							Heads
					Heads		2021 - 22	14th July	22nd Nov	131	80	6860
2021 - 22	Not in Tria	al					2020 - 21	16th July	9th Nov	116	92	7890
2020 - 21	16th July	27th Oct	103	88	9022		2019 - 20	15th July	6th Nov	108	88	7546
2019 - 20	15th July	25th Oct	102	84	8614		2018 - 19	16th July	15th Nov	118	88	7546
2018 - 19	16th July	5th Nov	112	88	8858		2017 - 18	14th July	6th Nov	115	78	6690
2017 - 18	14th July	23rd Oct	101	78	7972		2016 - 17	12th July	27th Oct	107	85	7258
2016 - 17	21st July	14th Nov	116	84	9226		2015 - 16	9th July	29th Oct	112	88	7500
2014 - 15	10th July	24th Oct	106	74	6484		2014 - 15	10th July	13th Oct	95	76	6526
2012 - 13	19th July	10th Nov	114	90	9220		2013 - 14	10th July	8th Nov	121	50	3776
7 yr Average	16th July	2nd Nov	108	84	8485		9 yr Average	13th July	4th Nov	114	80	6843
							8580 plants/	Acre				
8580 plants//	Acre						SEEDHOU SE		CLAUSE			
SEEDHOUSE		Elsoms					VARIETY		TRIOMPH	ANT		
VARIETY		3338						Planting	50%	Days	%	Class 1
	Planting	50%	Days	%	Class 1			Date	cut date		Class 1	Marketable
	Date	cut date		Class 1	Marketable							Heads
					Heads		2021 - 22	14th July	30th Dec	169	68	5792
							2020 - 21	16th July	7th Dec	144	78	6520
2021 - 22	14th July	23rd Dec	162	73	6218		2019 - 20	15th July	19th Dec	157	82	7040
2020 - 21	16th July	16th Nov	123	80	6864		2018 - 19	16th July	17th Dec	154	90	7720
							2017 - 18	14th July	27th Nov	136	58	4936
							2016 - 17	12th July	27th Dec	159	88	7504
							2015 - 16	9th July	12th Nov	126	90	7722
							2014 - 15	10th July	3rd Nov	116	66	5662
							2013 - 14	10th July	13th Dec	156	40	3944
2 yr Average	15th July	4th Dec	142	77	6541		9 yr Average	13th July	6th Dec	146	73	6315

		Winter Ca	auliflov	ver	AVERAGE Y	ELDS OF GRADI	E 1 CURDS		DEC	DEC /JANUARY			
8580 plants/	Acre					8580 plants/	Acre						
SEEDHOUSE		ELSOMS				SEEDHOUSE		CLAUSE					
VARIETY		PACIANO				VARIETY	VARIETY		JEROBOAM (CLX 33422)				
	Planting	50%	Days	%	Class 1		Planting	50%	Days	%	Class 1		
	Date	cut date		Class 1	Marketable		Date	cut date		Class 1	Marketable		
					Heads						Heads		
2021 - 22	14th July	17th Jan	187	76	6522	2021 - 22	14th July	10th Jan	180	70	6008		
2020 - 21	16th July	21st Dec	158	81	6994	2020 - 21	16th July	21st Dec	158	82	7006		
2019 - 20	15th July	2nd Jan	171	72	6184	2019 - 20	15th July	9th Jan	178	74	6350		
2018 - 19	16th July	3rd Jan	171	68	5832	2018 - 19	16th July	31st Dec	168	72	6176		
2017 - 18	14th July	27th Dec	166	60	5152	2017 - 18	14th July	20th Dec	159	63	5360		
2016 - 17	12th July	31st Dec	172	94	8064	2016 - 17	12th July	9th Jan	172	82	7048		
2015 - 16	9th July	30th Nov	144	47	4000	2015 - 16	9th July	30th Nov	144	67	5720		
2014 - 15	10th July	27th Nov	140	20	1712	2014 - 15	18th July	22nd Dec	157	78	6696		
2013 - 14	10th July	6th Jan	180	60	4560	8 yr Average	14th July	28th Dec	165	74	6296		
9 yr Average	13th July	23 rd Dec	165	64	5442								
						8580 plants/	Acre						
8580 plants/	Acre					SEEDHOUSE		SYNGENT	A				
SEEDHOUSE		ELSOMS				VARIETY		ALPEN					
VARIETY		BATERNO					Planting	50%	Days	%	Class 1		
	Planting	50%	Days	%	Class 1		Date	cut date		Class 1	Marketable		
	Date	cut date		Class 1	Marketable						Heads		
					Heads	2021 - 22	14th July	10th Jan	180	75	6435		
						2020 - 21	16th July	23rd Dec	160	76	6526		
2021 - 22	14th July	7th Feb	208	75	6432	2019 - 20	15th July	9th Jan	178	74	6352		
2020 - 21	16th July	23rd Dec	160	74	6352	2018 - 19	16th July	24th Jan	192	73	6256		
2019 - 20	15th July	9th Jan	178	78	6690	2017 - 18	14th July	2nd Jan	172	73	6296		
2018 - 19	16th July	10th Jan	178	54	4632	2016 - 17	12th July	Not in Tria	als				
2017 - 18	14th July	27th Dec	166	58	4960	2015 - 16	9th July	Not in Tria	als				
2016 - 17	12th July	23rd Jan	195	80	6864	2014 - 15	10th July	11th Jan	185	76	6520		
2015 - 16	9th July	4th Dec	148	62	5336	2013 - 14	10th July	9th Jan	183	45	3864		
7 yr Average	14th July	8th Jan	176	69	5895	7 yr Average	14th July	8th Jan	179	70	6036		

		Winter Ca	auliflov	ver	AVERAGE YIELDS OF GRADE 1 CURDS				JAN/	FEBRI	JARY
8580 plants//	Acre					8580 plants//	Acre				
SEEDHOUSE		HAZERA				SEEDHOUSE		BAYER			
VARIETY		TREVASKIS	5			VARIETY		5697			
	Planting	50%	Days	%	Class 1		Planting	50%	Days	%	Class 1
	Date	cut date		Class 1	Marketable		Date	cut date		Class 1	Marketable
					Heads						Heads
2021 - 22	14th July	31st Jan	201	76	6526						
2020 - 21	16th July	28th Jan	196	84	7208	2021 - 22	14th July	27th Jan	197	80	6880
2019 - 20	15th July	30th Jan	199	78	6694	2020 - 21	16th July	28th Jan	196	64	5488
2018 - 19	16th July	31st Jan	199	64	5488	2019 - 20	15th July	6th Feb	206	82	7038
2017 - 18	14th July	18th Jan	188	78	6656	2018 - 19	16th July	7th Feb	206	80	6864
2016 - 17	12th July	3rd Feb	206	92	7892	2017 - 18	14th July	19th Feb	220	72	6224
2015 - 16	9th July	24th Dec	168	60	5144	2016 - 17	12th July	31st Jan	203	90	7720
2014 - 15	10th July	15th Jan	190	88	7624	2015 - 16	9th July	21st Dec	165	72	6216
2013 - 14	10th July	7th Feb	212	78	6686	2014 - 15	10th July	16th Jan	190	72	6176
9 yr Average	13th July	24th Jan	195	78	6657	8 yr Average	13th July	27th Jan	198	77	6575
8580 plants/	Acre					8580 plants//	Acre				
SEEDHOUSE		CLAUSE				SEEDHOUSE		BAYER			
VARIETY		BRICK				VARIETY		CARANTIC	2		
	Planting	50%	Days	%	Class 1		Planting	50%	Days	%	Class 1
	Date	cut date		Class 1	Marketable		Date	cut date		Class 1	Marketable
											Heads
2021-22	Not in Tria	al			Heads	2021 - 22	14th July	14th Feb	215	82	7032
2020 - 21	16th July	28th Jan	196	72	6176	2020 - 21	16th July	1st Feb	200	78	6688
2019 - 20	15th July	6th Feb	206	74	6350	2019 - 20	15th July	12th Feb	212	78	6694
2018 - 19	16th July	31st Jan	199	50	4288	2018 - 19	16th July	14th Feb	213	84	7208
2017 - 18	14th July	15th Jan	185	68	5792	2017 - 18	14th July	29th Jan	199	85	7296
2016 - 17	12th July	3rd Feb	206	74	6348	2016 - 17	12th July	20th Feb	223	90	7720
2015 - 16	9th July	17th Dec	161	38	3288	2015 - 16	9th July	4th Jan	179	47	4008
2014 - 15	10th July	23rd Feb	228	89	7620	2014 - 15	10th July	15th Jan	189	74	6352
2013 - 14	10th July	24th Feb	229	75	6432	2013 - 14	10th July	25th Feb	230	80	6864
8 yr Average	13th July	29th Jan	201	68	5786	9 yr Average	13th July	3rd Feb	207	77	6651

		Winter C				ERAGE YIELDS OF GRADE 1 CURDS			FEB/I	MARC	ЭН
8580 plants//	Acre					8580 plants/	Acre				
SEEDHOUSE		ELSOMS				SEEDHOUSE		CLAUSE			
VARIETY		LANNION	(3028)			VARIETY		REDOUTA	BLE		
	Planting	50%	Days	%	Class 1		Planting	50%	Days	%	Class 1
	Date	cut date		Class 1	Marketable		Date	cut date		Class 1	Marketable
					Heads	2019-20	Not in Tria	ls			Heads
2021 - 22	14th July	7th Feb	208	64	5488	2018 - 19	16th July	12th Feb	211	66	5664
2020 - 21	16th July	1st Feb	200	58	4976	2017 - 18	2017 - 18 14th July		als		
2019 - 20	15th July	18th Feb	218	76	6478	2016 - 17	12th July	6th Feb	209	88	7552
2018 - 19	16th July	7th Feb	206	84	7208	2015 - 16	9th July	28th Dec	175	38	3264
2017 - 18	14th July	23rd Jan	193	76	6520	2014 - 15	10th July	2nd Mar	235	96	8236
						2013 - 14	10th July	24th Feb	229	60	5152
						2012 - 13	19th July	7th Feb	203	62	5320
5 yr Average	15th July	5th Feb	205	72	6134	6 yr Average	13th July	8th Feb	210	68	5865
						2015-16 som	e loose cur	ds			
8580 plants/	Acre					8580 plants/	Acre				
SEEDHOUSE		CLAUSE				SEEDHOUSE		SYNGENT	A		
VARIETY		MENGWENN (33611)			VARIETY		CLEMEN				
	Planting	50%	Days	%	Class 1		Planting	50%	Days	%	Class 1
	Date	cut date		Class 1	Marketable		Date	cut date		Class 1	Marketable
					Heads						Heads
2021 - 22	14th July	3rd March	232	74	6350	2021 - 22	14th July	17th Feb	218	75	6430
2020 - 21	16th July	22nd Feb	221	80	6832	2020 - 21	16th July	15th Feb	218	84	7240
2019 - 20	15th July	12th Feb	212	76	6518	2019 - 20	15th July	12th Feb	212	78	6696
2018 - 19	16th July		224	88	7552	2018 - 19	16th July	20th Feb	219	88	7544
2017 - 18	, 14th July		213	86	7352	2017 - 18	14th July	14th Mar	243	90	7720
2016 - 17	, 12th July		223	88	7552	2015 - 16	9th July	15th Feb	221	82	7072
						2014 - 15	10th July	22nd Mar	255	92	7893
6 yr Average	14th July	18th Feb	221	82	7026	2013 - 14	10th July	6th Mar	239	80	6862
						2012 - 13	10th July	4th Mar	237	92	8040
						9 yr Average	13th July	25th Feb	229	84	7277

		Winter C	auliflov	ver	AVERAGE YIE		E 1 CURDS		MAR	СН	
8580 plants//	Acro					8580 plants/	Acro				
SEEDHOUSE		VILMORIN				SEEDHOUSE					
VARIETY		PAROTIS	-	n n		VARIETY	ISADORA				
	Planting	50%	Days	%	Class 1		Planting	50%	Days	%	Class 1
	Date	cut date	00,5	Class 1	Marketable		Date	cut date	Days		Marketable
	butt			0.035 1	Heads		Dute			0.0551	Heads
2020 - 21	16th July	25th Feb	224	70	6008	2021 - 22	14th July				- neudo
2019 - 20	15th July		238	82	7038	2020 - 21	16th July	1st Mar	228	68	5832
2018 - 19	16th July		201	74	6352	2019 - 20	15th July	3rd Mar	231	87	7928
2017 - 18	14th July	-	229	65	5528	2018 - 19	16th July	28th Feb	227	78	6688
2016 - 17	12th July	13th Mar	244	92	7896	2017 - 18	14th July	19th Mar	248	42	3624
2015 - 16	, 9th July	1st Feb	207	13	1072	2016 - 17	12th July	27th Feb	230	78	6696
2014 - 15	18th July	23rd Mar	248	96	8234		( (				
2013 - 14	19th July	24th Mar	248	83	7072	2 yr Average	15th July	5th Mar	233	71	6154
8 yr Average	15th July	2nd Mar	230	72	6150	2017 - 18	22% froste	d			
8580 plants/	Acre					8580 plants/	Acre				
SEEDHOUSE		CLAUSE				SEEDHOUSE					
VARIETY		MASCARE	;; ;T			VARIETY	DRAGEN				
	Planting	50%	Days	%	Class 1		Planting	50%	Days	%	Class 1
	Date	cut date	í í	Class 1	Marketable		Date	cut date	,	Class 1	Marketable
					Heads						Heads
2019 - 20	Not in Tri	al									
2018 - 19	16th July	28th Feb	227	78	6688	2020 - 21	16th July	15th Mar	242	80	6864
2017 - 18	14th July	19th Mar	248	83	7152						
2016 - 17	12th July	23rd Feb	226	96	8232						
2015 - 16	16th July	8th Feb	207	23	1928						
2014 - 15	10th July	20th Mar	253	84	7218						
2013 - 14	19th July	17th Mar	241	88	7503						
6 yr Average	15th July	6th Mar	234	75	6453	1 season	16th July	15th Mar	242	80	6864
2015-16 Loos	e off whit	e curds									

		Winter C	inter Cauliflower AVERAGE YIELDS OF GRADE 1 CURDS						MAR	СН	
8580 plants/	Acre					8580 plants/	Acre				
SEEDHOUSE						SEEDHOUSE	VILMORIN				
VARIETY	TEMPEST					VARIETY	VEDIS				
	Planting	50%	Days	%	Class 1		Planting	50%	Days	%	Class 1
	Date	cut date		Class 1	Marketable		Date	cut date	í í	Ċlass 1	Marketable
					Heads						Heads
2020 - 21	16th July	15th Mar	242	78	6696	2021 - 22	14th July				
2019 - 20	15th July	10th Mar	238	80	6860	2020 - 21	16th July	15th Mar	242	70	6006
2018 - 19	16th July	14th Mar	241	78	6688	2019 - 20	15th July	10th Mar	238	76	6520
2017 - 18	14th July	2nd Apr	262	78	6648	2018 - 19	16th July	18th Mar	245	86	7376
2016 - 17	12th July	8th Mar	239	90	7720	2017 - 18	14th July	2nd Apr	262	82	7070
5 yr Average	15th July	16th Mar	244	81	6922	4 yr Average	15th July	19th Mar	247	79	6743
J yi Avelage	IStribury	Totti Mai	244	01	0322	4 yi Avelage	IStribuly	1.5th Ivial	24/	13	0743
8580 plants//	Acre					8580 plants/	Acre				
SEEDHOUSE	VILMORIN	J				SEEDHOUSE	1				
VARIETY	CARBIS	(AK2706)				VARIETY	VOGUE				
	Planting	50%	Days	%	Class 1		Planting	50%	Days	%	Class 1
	Date	cut date		Class 1	Marketable		Date	cut date		Class 1	Marketable
					Heads						Heads
2021 - 22	14th July					2021 - 22	14th July				
2020 - 21	16th July	15th Mar	242	78	6696	2020 - 21	16th July	29th Mar	256	82	7020
2019 - 20	15th July	20th Mar	248	80	6868	2019 - 20	15th July	26th Mar	254	84	7210
2018 - 19	16th July	14th Mar	241	79	6748	2018 - 19	16th July	Not in Tria	als		
2017 - 18	14th July	9th Apr	269	78	6650	2017 - 18	14th July	9th Apr	269	78	6688
						2016 - 17	12th July	29th Mar	260	87	7440

## Late winter cauliflower variety trial 2021-22

9 varieties from 3 seed houses were transplanted on the 14<sup>th</sup> and 23 July 2021.

Planting density 21,192/Ha (8,580/Acre).

Transplanted into good ground conditions resulting in very good establishment.

Harvesting period April – Late May 2022.

## Table of results for the better performing plots in harvesting order from April -

**late May/June 2022** (Individual plot details in the appendix)

Seed house	Variety	Average 50% cut date	% Class 1	Crates/Ha size 8	Crates/Ha Size 6
Elsoms	3030	20.04.22	87	1351	1297
Vilmorin	VT 4068	23.04.22	74	1882	106
Vilmorin	Arletis	25.04.22	73	1776	212
Vilmorin	Tostakis	26.04.22	79	1724	494
Elsoms	Seth	05.05.22	76	1511	672

# Spring greens variety trial 2021-22

5 varieties from 3 seed houses.

Raised in modules and transplanted 14.09.2021 into good conditions.

Spaced as 5 row beds 50cms between rows and 20cms in the rows giving a planting density of 76,570 /Ha (31,000/Acre)

Harvested on 16.02.22 \* and 03.03.2022

Seed House /Cultivar	Comment	Pack out Yield Trays (10 bags x 550g)
A. L. Tozer Wintergreen	Some variation in size. Light green stalk. Some good greens. Dark green leaves. 79% marketed. 15% too small.	<b>1492 trays/Ha</b> (604 trays/Acre)
Elsoms BE 3285	Very uniform. Large leaves. Good greens. Compact type. 96% crop marketed.	<b>2415 trays/Ha</b> (978 trays/Acre)
Monsanto Winter Supreme	Dark green leaves. Dark green leaves. Leafy. Very Uniform. Short internodes on stem. Very good greens. Easy to harvest and bag. 93% crop marketed.	<b>2781 trays/Ha</b> (1126 trays/Acre)
Monsanto Winter Special	Very good greens. Dark green. Short nodes. 93% of crop marketed. Some variation in size.	<b>2529 trays/Ha</b> (1024 trays/Acre)
Agility Hi Crop.	* Large leaves. Tall frame. Wide internodes. Very uniform. Too large for pre-pack greens. Running to seed by mid- February.	<b>2994 trays/Ha</b> (1212 trays/Acre)



## Appendix

#### 2021-22 cauliflower trials cultural information

Fertilizer / Nutrition 08/07/21 Base Fertilizer 250 Kg/Ha or 2.02 CWT / AC of KEISERITE 25 % Magnesium, 286 Kg/Ha or 2.31 CWT / YARA EXTRAN 33 % NITROGEN 16.5 Kg / Ha HUMIC + BORON Granules

**15/09/21** 1<sup>ST</sup> Nitrogen Top Dress 200 Kg/ Ha or 1.59 CWT / AC of TIMAC SULFAMMO 26% NITROGEN

#### Chemical plan used

**19/07/21** 1<sup>st</sup> Planting area & **29/07/21** 2<sup>nd</sup> Planting area in 300 Ltrs water/Ha GAMMIT @ 0.15 Ltr/Ha SULTAN @ 0.6 Ltrs /Ha MOLYTRAC @ 0.25 Ltr/Ha

**17/08/21** in 300 Ltrs water/Ha MOLYTRAC @ 0.25 Ltr/Ha TRIO @ 3 Ltr/Ha AF Mag 3 Ltr/Ha TRANSFORMER @ 0.35 Ltr/Ha (Wetter)

**15/10/21** in 300 Ltrs water/Ha PLOVER @ 0.3 Ltr /Ha Triple 10 @1.5Ltr/Ha TRANSFORMER @ 0.35 Ltr/Ha (Wetter) SLUXX @ 3 Kg/Ha

**05/01/22** IN 300 Ltrs water/Ha RUDIS @ 0.4Ltr / Ha Triple 10 @ 4.0 Ltr / Ha AF Mag 3 Ltr / Ha SLUXX @ 4 Kg / Ha

Pest control

Wire netting prior to transplanting as rabbit control

# Winter cauliflower variety trial 2021-22 (34 x 21")

21,192/Ha (8,580/Acre)

Transplanted 14<sup>th</sup> July 2021

Plot	Seed House	Variety	Heading Period
1	Rijk Zwaan	Tramont (26-407)	Early November
2	Clause	Merinos	Early November
3	Syngenta	Kashen	Early November
4	Clause/Hazera	CF-H-2885	Early November
5	Syngenta	Lirren	Mid/Late November
6	Clause	Ditou (HMC 33917)	Mid November
7	Agility	Draker	Mid/Late November
8	Clause/Hazera	Diwan	Mid/Late November
9	Syngenta	Akinen	Late Nov/December
10	Bayer	Sassolungo	Late Nov/ December
11	Elsoms	Belot	Early December
12	Elsoms	3338	Early December
13	Clause/Hazera	Triomphant	Mid December
14	Clause/Hazera	Jeroboam	Late December
15	Clause/Hazera	Jokker (HMC33019)	Late December
16	Elsoms	Paciano	Early January
17	Elsoms	Baterno	Mid January
18	Syngenta	SGC 5086	Mid/Late January
19	Elsoms	Medaillon	Late Jan/Early Feb
20	Bayer	5697	Late January
21	Vilmorin	Trevaskis	Early February
22	Elsoms	Lannion	Early/Mid February
23	Syngenta	SGC 5092	Early/Mid February
24	Clause/Hazera	Folder (HMC33020)	Mid February
25	Clause/Hazera	Mengwenn	Late February
26	Bayer	Carantic	Late February
27	Elsoms	Gerona	late February
28	Vilmorin	AL 7222	Late February
29	Clause/Hazera Avelm	ad (CLX33726)	Early March
30	Elsoms	Isadora	Mid/End March
31	Elsoms	Almeria	Late March
32	Vilmorin	Carbis (AK2706)	late March
33	Elsoms	Vogue	Late March/April
34	Vilmorin	Vedis	Late March

# Late cauliflower variety trial 2021-22

21,192/Ha (8,580/Acre)

Transplanted 14th July 2021

Plot	Seed House	Variety	Heading Period
167	Elsoms	3030	Early/Mid April
168	Elsoms	Nomad	Early/Mid April
169	Vilmorin	Tostakis	Mid April
170	Clause/Hazera	Aureo	Mid/Late April
171	Vilmorin	VT 4068	Late April
172	Elsoms	Fletcher	Late April/May
173	Vilmorin	Arletis	Late April/May
174	Elsoms	Cartagena	Mid May
175	Elsoms	Seth	Mid/Late May

# Autumn cauliflower variety trial 2021

25,315/Ha (10,249/Acre)

Transplanted 14th July 2021

Plot	Seed House	Variety	Heading Period
176	Agility	Serac	Late September
177	Agility	Plessi	Late Sept/Early Oct
178	Sakata	Jericho	Mid October
179	Sakata	Denton	Mid/Late October
180	Agility	Kayac	Mid/Late October
181	Sakata	Amandine	Mid/Late October
182	RijkZwaan	Milandes	Late October
183	Syngenta	Koten	Late October
184	Sakata	CAU 03105	Late October
185	Elsoms	Toledo	Late October
186	Rijk Zwaan	CA 4386	Late October
187	Rijk Zwaan	CA 7118	Late October
188	Sakata	CAU 21015	Late October
189	Sakata	CAU 31070	Late October
190	Elsoms	Skywalker	Late Oct/Early Nov

# Autumn cauliflower variety trial 2021 - SECOND PLANTING

25,315/Ha (10,249/Acre)

Transplanted 23rd July 2021

Plot	Seed House	Variety	Heading Period
191	Agility	Serac	Late September
192	Agility	Plessi	Late Sept/Early Oct
193	Sakata	Jericho	Mid October
194	Sakata	Denton	Mid/Late October
195	Agility	Kayac	Mid/Late October
196	Sakata	Amandine	Mid/Late October
197	RijkZwaan	Milandes	Late October
198	Syngenta	Koten	Late October
199	Sakata	CAU 03105	Late October
200	Elsoms	Toledo	Late October
201	Rijk Zwaan	CA 4386	Late October
202	Rijk Zwaan	CA 7118	Late October
203	Sakata	CAU 21015	Late October
204	Sakata	CAU 31070	Late October
205	Elsoms	Skywalker	Late Oct/Early Nov

# Winter cauliflower variety Trial 2021-22 (34 x 21") - SECOND PLANTING

21192/Ha (8580/Acre)

Transplanted 23rd July 2021

Plot	Seed House	Variety	Heading Period
206	Rijk Zwaan	Tramont (26-407)	Early November
207	Clause	Merinos	Early November
208	Syngenta	Kashen	Early November
209	Clause/Hazera	CF-H-2885	Early November
210	Syngenta	Lirren	Mid/Late November
211	Clause	Ditou (HMC 33917)	Mid November
212	Agility	Draker	Mid/Late November
213	Clause/Hazera	Diwan	Mid/Late November
214	Syngenta	Akinen	Late Nov/December
215	Bayer	Sassolungo	Late Nov/ December
216	Elsoms	Belot	Early December
217	Elsoms	3338	Early December
218	Clause/Hazera	Triomphant	Mid December
219	Clause/Hazera	Jeroboam	Late December
220	Clause/Hazera	Jokker (HMC33019)	Late December
221	Elsoms	Paciano	Early January
222	Elsoms	Baterno	Mid January
223	Syngenta	SGC 5086	Mid/Late January
224	Elsoms	Medaillon	Late Jan/Early Feb
225	Bayer	5697	Late January
226	Vilmorin	Trevaskis	Early February
227	Elsoms	Lannion	Early/Mid February
228	Syngenta	SGC 5092	Early/Mid February
229	Clause/Hazera	Folder (HMC33020)	Mid February
230	Clause/Hazera	Mengwenn	Late February
231	Bayer	Carantic	Late February
232	Elsoms	Gerona	late February
233	Vilmorin	AL 7222	Late February
234	Clause/Hazera	Avelmad (CLX33726)	Early March
235	Elsoms	Isadora	Mid/End March
236	Elsoms	Almeria	Late March
237	Vilmorin	Carbis (AK2706)	late March
238	Elsoms	Vogue	Late March/April
239	Vilmorin	Vedis	Late March

# Late cauliflower variety trial 2021–22 - SECOND PLANTING

21,192/Ha (8,580/Acre). Transplanted 23rd July 2021

Plot	Seed House	Variety	Heading Period
240	Elsoms	3030	early/Mid April
241	Elsoms	Nomad	Early/Mid April
242	Vilmorin	Tostakis	Mid April
243	Clause/Hazera	Aureo	Mid/Late April
244	Vilmorin	VT 4068	Late April
245	Elsoms	Fletcher	Late April/May
246	Vilmorin	Arletis	Late April/May
247	Elsoms	Cartagena	Mid May
248	Elsoms	Seth	Mid/Late May

AUTUM	N CAULI	FLO	VER V	ARIET	Y TRIA	L	2021		SPACIN	NG 34''	X 18"	10249/2	Acre
A= Transpla	nted 14th Ju	ıly	B= Tran	splanted 2	23rd July								
											Crates / Acr	e	
SEEDHOUSE	VARIET Y	PLOT	CU	TTING PER	ЮД	DAYS	Class	Class	Unmarket	Facepacl	κ.	Class 2	Class 2
			10%	50%	90%		1	2	%	8	6	16	12
AGILITY	SERAC	176A	9.9	14.9	23.9	14	32	22	46	410	0	141	0
		191B	30.9	11.10	18.10	18	60	10	30	769	0	64	0
AVERAGE			20.9	27.9	6.10	16	46	16	38	590	0	103	0
Very small fran	ne. Dark green	ı leaves. T	endency to l	be loose (42	% )and off w	hite (20%).	. 20% too su	nall curds v	with earlier tr	ansplantin	g.		
Open frame. Ju	st making '8s'	per tray.	Much bette	from the la	nter transpla	nting.							
AGILITY	PLESSI	177A	14.9	14.9	4.10	20	52	10	38	641	34	64	0
		192B	4.10	14.10	22.10	18	57	15	28	668	74	<b>9</b> 7	0
AVERAGE			24.9	29.9	13.10	19	55	12	33	655	54	81	0
Larger frame t	han Serac. Goo	d curd co	ver. Mædium	depth. Easy	to see and h	arvest. Sev	eral small he	eads (32%	first planting	). 22 % loo	securds.		
SAKATA	JERICHO	178A	23.9	4.10	11.10	18	67	10	23	854	0	67	0
		193B	22.10	4.11	11.11	20	72	8	20	871	68	51	0
AVERAGE			8.10	20.10	27.10	19	70	9	21	863	34	59	0
Upright leaves.	Dark green le	aves. Unif	orm. Twiste	d wrapper le	aves. Mediu	m depth cur	ds. Clean bo	ttom. A few	loose and off	white curd	s. Look goo	d in trays.	
Some good Face	epack material	. Better fi	om the late	r transplant	ing.								
SAKATA	DENTON	179A	23.9	4.10	7.10	14	58	20	22	743	0	102	34
		194B	22.10	1.11	8.11	17	74	8	18	846	137	51	0
AVERAGE			8.10	18.10	24.10	16	66	14	20	795	69	77	17
Medium sized f	rame. Upright	leaves. Un	iform. Good	curd cover.	Medium dep	oth curds. O	nly just mal	cing '8's fr	om early tran	splanting.			
Good Facepack	material. Larg	er curds	from later ti	ansplanting	ş.								
AGILITY	KAYAK	180A	17.9	24.9	4.10	17	69	11	20	854	36	67	0
		195B	14.10	25.10	8.11	25	68	10	22	846	34	64	0
AVERAGE			1.10	9.10	22.10	21	69	10	21	850	35	66	0
Low to the grou	nd. Medium de	pth curds	. Dark gree	n leaves. Un	ifor m. Solid	curds. Good	l Facepack n	naterial. So	mesmall cur	ds (16% fi	rst transpla	nting).	
A few loose cur	ds (16%).												

AUTUM	N CAULI	FLOV	VER V	ARIET	Y TRIA	L	2021		SPACE	NG 34''	X 18"	10249/#	Acre
A= Transpla	nted 14th Ju	ly	B= Tran	splanted 2	23rd July								
											Crates/Acre	e	
SEED HOUSE	VARIETY	PLOT	CU	TTING PER	IOD	DAYS	Class	Class	Unmarket	Facepack		Class 2	Class 2
			10%	50%	90%		1	2	%	8	б	16	12
SAKATA	AMANDINE	181A	27.9	30.9	7.10	13	68	14	18	871	0	90	0
		196B	18.10	1.11	8.11	21	82	8	10	999	68	51	0
AVERAGE			7.10	16.10	24.10	17	75	11	14	935	34	71	0
Uniform. Uprig	ht leaves. Smal	l/medium	sized frame	e. Dark gree	en leaves. Tw	ist to wrapp	er leaves. Sl	ightly kno	bbly curds. G	ood Facepac	k material.		
Easy to see and	cut. A few sma	ll and off v	vhite curds.										
RUKZWAAN	MILANDES	182A	30.9	4.10	14.10	14	64	12	24	820	0	77	0
		197B	25.10	1.11	11.11	17	86	2	12	922	239	13	0
AVERAGE			13.10	18.10	29.10	16	75	7	18	871	120	45	0
Very uniform. I	Dark green lea	ves. Stron	g frame. Go	ood wr apper	leaves. Slig	htly knobbly	curds. Good	l Facepack	material. Son	ne slightly l	oose curds	(26% on fir	st plantin
Will turn off wh	nite if not cut ev	very 2 or 3	days. Medi	um depth.									
SYNGENTA	KOTEN	183A	4.10	11.10	14.10	10	72	8	20	<b>89</b> 7	34	51	0
		198B	25.10	4.11	11.11	17	73	7	20	769	0	38	0
AVERAGE			15.10	23.10	29.10	14	73	7	20	833	17	45	0
Slightly spread	ing habit. Very	uniform.	Medium de	pth curds. T	wisted wrap	per leaves. I	Dark green l	eaves. Goo	d Facepack m	aterial. 12	% small pla	nts/curds.	
SAKATA	CAU03105	184A	30.9	11.10	21.10	21	36	12	52	461	0	77	0
		199B	25.10	8.11	18.11	24	78	9	13	911	114	57	0
AVERAGE			13.10	25.10	5.11	23	58	10	32	686	57	67	0
Spreading habi	t. Dark green l	eaves. Uni	form frame	. Twist to wi	apper leave	s. High % v	white bracts (	(44% ) with	ı eralier trans	splanting. A	lso loos e an	d off white.	
Small frame. M	luch better at la	ter transp	planting dat	e. Good face	pack materi	al, medium	depth curds.	Uniform.					
ELSOMS	TOLEDO	185A	17.9	27.9	4.10	17	66	8	26	846	0	51	0
		200B	8.10	18.10	1.11	24	70	14	16	<b>89</b> 7	0	90	0
AVERAGE			27.9	8.10	17.10	20	68	11	21	872	0	70	0
Small/medium	sized frame. Da	rk leaves	. Smooth so	lid curds. U	niform. Low	to the grou	nd. Slightly	open frame	. Will turn of	f white if no	t cut every 2	or 3 days.	
Good Facepack						-		-				-	

AUTUM	N CAULI	FLO	WER V.	ARIET	Y TRIA	L	2021		SPACE	NG 34"	X 18"	10249/	Acre
A= Transpla	nted 14th Ju	ly	B= Tran	splanted 2	23rd July								
											Crates/Acr	e	
SEED HOUSE	VARIETY	PLOT	CU	ITING PER	IOD	DAYS	Class	Class	Unmarket	Facepack		Class 2	Class 2
			10%	50%	90%		1	2	%	8	6	16	12
RIJKZWAAN	CA 4386	186A	17.9	23.9	4.10	17	64	6	30	820	0	38	0
		201B	14.10	21.10	25.10	11	77	10	13	982	0	64	0
AVERAGE			30.9	7.10	14.10	14	70	8	22	901	0	57	0
Uniform. Small						curds. Mædi	um depth cu	rds. Some ş	good Facepacl	k material. (	22% small	curds)	
Loks uniform in	n trays. Slightl	y better fi	rom a later t	ransplantin	g.								
RUKZWAAN	CA 7118	187A	17.9	30.9	4.10	17	63	10	27	800	0	64	0
		202B	14.10	18.10	28.10	14	70	15	15	896	0	96	0
AVERAGE			30.9	9.10	16.10	16	67	12	21	848	0	80	0
Dark green upr	ight leaves. Sn	100th cur	ds. Reasona	ble curd cov	er. Uniform.	Small fram	e and curds	. Mædium d	lepth. Easy to	see and cut.	A few off w	hite curds.	
Looks uniform	in trays.												
SAKATA	CAU21015	188A	7.10	22.10	1.11	25	77	11	12	954	36	68	0
		203B	11.11	25.11	9.12	28	74	2	24	<b>89</b> 7	68	13	0
AVERAGE			25.10	8.11	20.11	26	76	6	18	926	52	40	0
Small/Medium 11% small cur		-				_	y spreading	habit. Good	l Facepack m	aterial. Med	ium depth c	urds.	
SAKATA	CAU31070	189A	18.10	1.11	18.11	31	84	2	14	666	410	13	0
SARATA	CAU31070	204B	15.11	29.11	9.12	24	74	16	14	794	205	102	0
AVERAGE		2040	1.11	15.11	29.11	28	79	9	10	730	308	58	0
Strong frame. V	/erv uniform. (	Good wran				ds. Dark gi	een leaves.	Large curd	s, slightly kn	obbly. Medi	um depth.		-
Very good Face	-	-	-					Lui ge tur u	s, singani, ini				
					, mge								
ELSOMS	SKYWALKER	190A	23.9	4.10	14.10	21	64	14	22	794	34	90	0
		205B	18.10	21.10	28.10	10	78	11	11	597	531	57	19
AVERAGE			6.10	13.10	22.10	16	71	13	16	696	282	73	10
Uniform. Strong	g frame. Good	cover. Sli	ghtly wide b	ase especial	ly with seco	nd planting.	Good Facep	ack materi	al. Medium d	epth. A few s	small curds.		
Large heads wit				•	_		-			_			

			First Trans	splanting	14th July	2021	(First line	2)	SPACIN	G 8580	Plants/A	cre	
			Second T	ransplanti	ng 23rd J	luly 2021	(Second l	ine)			Crates / Acı	re	
VARIETY	PLOT		CU	TTING PER	IOD	DAYS	Class	Class	Unmarket	Facepac	k	Class 2	
			10%	50%	90%		1	2	%	8	6	16	12
Rijk Zwaan	1		Not record	ed as plot (	did not esta	blish well o	due to poor	ground cor	nditions				
Tramont	206		15.11	25.11	29.11	14	80	9	11	691	222	48	0
Average			15.11	25.11	29.11	14	80	9	11	691	222	48	0
Dark green I	eaves. Sli	ghtly	wide bas	e to curds	. Slightly	knobbly ci	urds. Unifo	rm. Good	curd cover		•		
Good Facep	ack materi	al. S	mall/med	ium sized	fram e.								
Clause	2		Not record	ed as plot (	did not esta	blish well o	due to poor	around cor	nditions				
Merinos	207		18.10	21.10	4.11	17	72	8	20	751	29	43	0
Average			18.10	21.10	4.11	17	72	8	20	751	29	43	0
Jark leaves	. Small/me	dium	n frame. S	mooth cur	ds. Loose	wrapperl	eaves. Soi	ne variati	on in curd s	sizes. Goo	d Facepa	ck material.	
Not very dee													
Syngenta	3		Not record	ad as plot (	did not esta	blich woll (	due to poor	around cor	nditions				
Kashen	208		22.11	6.12	9.12	17	78		14	772	86	43	0
Average	200		22.11	6.12	9.12	17	78	8	14	772	86	43	0
Small/medi	um sized fr	ame						covered					•
Smooth whi		-											
<b>a</b>					P.1 7 7				1.4.5				
Clause CF-H-2885	4 209		18.10	25.10	aid not esta 8.11	21	due to poor 77	-	12	776	61	57	0
	209		18.10 18.10	25.10 25.10	8.11	21	77	11 <b>11</b>	12	776		57 57	0
Average Small/mediu	um frama	S n m									61 61		U
Sinan/medi		Shie	aunig nab	n. open i	aine. 3110		. onnorm.		iepui cuids		ераск па		
Syngenta	5		9.12	20.12	30.12	21	82	3	15	858	36	13	0
Lirren	210		9.12	20.12	3.1	25	86	2	12	901	29	11	0
Average			9.12	20.12	1.1	23	84	2	14	880	33	12	0
Upright fram	ie. Verv un	iforn						_					
A few small							, good i				,		

		First Tran	splanting	14th July	2021	(First line	e)	SPACIN	G 8580	Plants/A	cre	
		Second T	ransplanti	ng 23rd J	uly 2021	(Second li	ine)		(	Crates / Ac	re	
VARIETY	PLOT	CL	ITTING PER	OD	DAYS	Class	Class	Unmarket	Facepac	k	Class 2	
		10%	50%	90%		1	2	%	8	6	16	12
Clause	6	18.11	2.12	9.12	21	75	5	20	778	36	27	0
Ditou	211	15.11	29.11	13.12	28	78	10	12	708	172	54	0
Average		16.11	1.12	11.12	25	77	7	16	743	104	40	0
Uniform.Lo	ose twised w	rapper leave	es. Solid s	lightly kno	bbly curds	s. Lighter i	nnerleav	es. A few sm	nall curds			
Very good F	acepack mat	erial. Som e	large cur	ds.								
Agility	7	2.12	13.12	16.12	14	20	50	30	215	0	268	0
Draker	212	22.11	6.12	13.12	21	40	16	44	429	0	86	0
Average		27.11	9.12	15.12	18	30	33	37	322	0	177	0
Upright mea	dium sized fra	me. Slightly	/ knobbly	curds. Meo	lium depti	n. Tendeno	y to be lo	ose (58% on	secondp	lanting)		
Earlier plan	ting later to c	utassmalle	rframe. (	Open fram	e with lim	ited cover						
Clause	8	11.11	22.11	13.12	32	80	2	18	670	250	13	0
Diwan	213	11.11	2.12	13.12	32	78	8	12	729	143	43	0
Average		11.11	27.11	13.12	32	79	5	15	700	197	28	0
Uniform. Up	right frame. (	Good curd co	over. Som	e Ring spo	ot on outer	leaves. S	omesmal	l curds. Slig	htly unev	en shape.		
Very good F	acepack mat	erial. Longe	r than usu	ıal headin	g period.							
Syngenta	9	13.12	23.1	6.1	24	80	7	13	858	0	40	0
Akinen	214	23.12	3.1	13.1	21	86	6	8	901	29	32	0
		18.12	13.1	10.1	23	83	6	11	880	15	36	0
Average	n. Good curd	cover. Clea	n leaves. I	Medium si	zed fram e	. Solid cur	ds. Very ç	jood Facepa	ack mater	ial. Easy f	to cut and pa	ick.
-												
-	curds.			0.40	17	82	6	12	815	86	32	0
Very uniform A few small	curds.	22.11	2.12	9,12			-				<b>I</b>	0
Very uniforr A few small Bayer	10	22.11 6.12	2.12 20.12	9.12 30.12	24	76	12	12	794	29	64	
Very uniform	10					76 79	12 9	12 12	805	29 58	64 <b>48</b>	0
Very uniforr A few small Bayer Sassolungo	10	6.12 <b>29.11</b>	20.12 11.12	30.12 <b>19.12</b>	24 20	79	9	12	805	58	48	

		First Tran	splanting	14th July	2021	(First line	e)	SPACIN	G 8580	Plants/A	cre	
		Second T	ransplanti	ng 23rd J	luly 2021	(Second li	ine)			Crates / Ac	re	
20% small cur Elsoms 3338 Average Uniform . Med Slightly wide Clause Triomphant Average Uniform fram Good Facepa Clause Jeroboam Average Uniform . Sor	PLOT	cu	ITTING PERI	OD	DAYS	Class	Class	Unmarket	Facepac	k	Class 2	
		10%	50%	90%		1	2	%	8	6	16	12
Elsoms	11	25.11	13.12	20.12	25	65	13	22	670	36	67	0
Belot	216	16.12	20.12	3.1	18	66	9	25	616	122	46	0
Average		5.12	16.12	27.12.	22	66	11	23	643	79	57	0
Some good	solid Facepa	ck matertial	. Medium	depth curo	ds. Will tur	n off white	if not cut	tevery 3 da	ys.			
20% small c	urds. A few I	oose curds v	vith later t	ra nspl a nti	ng.							
Elsoms	12	20.12	23.12	3.1	14	73	10	17	670	143	54	0
	217	16.12	20.12	3.1	18	80	10	10	815	57	54	0
Average		18.12	22.12	3.1	16	77	10	13	743	100	54	0
Uniform.Me	dium sized f	rame. Dark g	reen leav	es. Good o	curd cover	Solid cur	dsthatho	ld well in m	nild condi	tions.		
Slightly wid	lebase.Very	good Facepa	ack materi	al. Will ge	o offwhite	if not cut e	every 3 or	4 days. Goo	od disease	e toleranc	e.	
Clause	13	16.12	30.12	3.1	18	68	15	17	697	36	80	0
	218	20.12	30.12	6.1	17	82	8	10	837	57	43	0
								I I				
Average		18.12	30.12	4.1	17	75	11	14	767	47	62	0
-	me. Loose tw											0
Uniform fra	me. Loose tw back material	isted wrappe	er leaves.	A few sm	all curds.	Xanthom o	nason ou	ter leaves. (	Clean inn			0
Uniform fra Good Facep	oack material	isted wrappo . Signs of so	erleaves. om e loose	Afewsma curdsin m	all curds. nild weath	Xanthomo er, needs	nasonou cuttingev	ter leaves. ery 2 or 3 d	Clean inn ays.	er leaves.		
Uniform fran Good Facep Clause		isted wrappo Signs of so 3.1	erleaves. om e loose 10.1	A few sma curdsin n 13.1	all curds.	Xanthom o	nason ou	ter leaves. (	Clean inn ays. 715			0
Uniform fran Good Facep Clause Jeroboam	back material	isted wrappo . Signs of so	erleaves. om e loose	Afewsma curdsin m	all curds. 2 nild weath	Xanthomo er, needs 70	nas on ou cutting ev 13	ter leaves. ery 2 or 3 d	Clean inn ays.	er leaves. 48	72	0
Uniform fran Good Facep Clause Jeroboam Average	back material	isted wrappo . Signs of so 3.1 3.1 3.1 3.1	er leaves. om e loose 10.1 6.1 <b>8.1</b>	A few sm curds in n 13.1 13.1 13.1	all curds. 2 nild weath 10 10 10	Xanthom or           er, needs           70           74           72	13 10 12	ter leaves. ery 2 or 3 d 17 16 16	<b>Clean inn</b> <b>ays</b> . 715 751 <b>733</b>	48 57	72 54	0
Uniform fran Good Facep Clause Jeroboam Average Uniform. So	ack material 14 219	isted wrappo Signs of so 3.1 3.1 3.1 0d Facepack	er leaves. om e loose 10.1 6.1 8.1 material.	A few sm curds in n 13.1 13.1 13.1 Good curd	all curds. 2 nild weath 10 10 10 10 10 1 cover. Up	Xanthom of er, needs 70 74 72 pright fram	13 10 12	ter leaves. ery 2 or 3 d 17 16 16	<b>Clean inn</b> <b>ays</b> . 715 751 <b>733</b>	48 57	72 54	0
Uniform fran Good Facep Clause Jeroboam Average Uniform. So Some loose	ack material 14 219 ome very goo curds in the	isted wrappo Signs of so 3.1 3.1 0d Facepack mild weathe	10.1 6.1 8.1 material. er especial	A few sm curds in n 13.1 13.1 13.1 Good curd ly with the	all curds. 2 nild weath 10 10 10 1 cover. Up e later pla	Xanthom or er, needs 70 74 72 oright fram nting.	13 10 12 e. Easy to	ter leaves. 0 ery 2 or 3 d 17 16 16 see, cut ar	Clean inn ays. 715 751 733 id bag.	48 57 53	72 54 63	0 0 0
Uniform fran Good Facep Clause Jeroboam Average Uniform. So Some loose Clause	14 219 ome very goo curds in the 15	isted wrappe Signs of so 3.1 3.1 3.1 d Facepack mild weather 23.12	er leaves. om e loose 10.1 6.1 8.1 material. er especial 3.1	A few sm curds in n 13.1 13.1 <b>13.1</b> Good curd ly with the 6.1	all curds. 2 nild weath 10 10 10 1 cover. Up e later pla	Xanthom or er, needs 70 74 72 oright fram nting. 72	nas on ou cutting ev 13 10 12 e. Easy to 15	ter leaves. ery 2 or 3 d 17 16 16 see, cut ar 13	Clean inn ays. 715 751 733 nd bag. 670	48 57 53 143	72 54 63 80	0 0 0
Uniform fran Good Facep Clause Jeroboam Average Uniform. So Some loose Clause	ack material 14 219 ome very goo curds in the	isted wrappo Signs of so 3.1 3.1 0d Facepack mild weathe	10.1 6.1 8.1 material. er especial	A few sm curds in n 13.1 13.1 13.1 Good curd ly with the	all curds. 2 nild weath 10 10 10 1 cover. Up e later pla	Xanthom or er, needs 70 74 72 oright fram nting.	13 10 12 e. Easy to	ter leaves. 0 ery 2 or 3 d 17 16 16 see, cut ar	Clean inn ays. 715 751 733 id bag.	48 57 53	72 54 63	0 0 0

	2021-22	V	VINTE	R CAUL	IFLOW	/ER VA	RIETY -	TRIAL					
		Fi	rst Trans	splanting	14th July	2021	(First line	)	SPACIN	G 8580	Plants/A	cre	
		Se	econd Tr	ransplantii	ng 23rd J	uly 2021	(Second li	ne)			Crates / Ac	re	
VARIETY	PLOT		CU	TTING PERI	OD	DAYS	Class	Class	Unmarket	Facepao	ck	Class 2	
			1 <b>0%</b>	50%	90%		1	2	%	8	6	16	12
Elsoms	16		13.1	17.1	31.1	18	76	8	16	708	143	43	0
Paciano	221		10.1	13.1	31.1	21	76	10	14	794	29	54	0
Average			11.1	15.1	31.1	20	76	9	15	751	86	49	0
Well covere	ed curds. Up	right f	irame. M	edium de	pth curds.	Slightly c	eamy curo	ds. Some	loose curds				
Some Good	l Facepack r	materi	ial.										
Elsoms	17		23.1	7.2	10.2	18	75	10	15	804	0	54	0
Baterno	222		17.1	27.1	3.2	17	68	10	22	729	0	54	0
Average			20.1	2.2	6.2	17	72	10	18	767	0	54	0
Uniform siz	ed frame. U	pright	leaves.	Loose wra	pper leav	es over cu	rds. Small	/Medium	sized frame	e. 16% sm	all curds.		
Some good	Facepack n	nateri	al. Gen	erally just	making si	ze '8s'.							
Syngenta	18		17.1	27.1	31.1	14	78	12	10	794	57	64	0
SGC 5086	223		17.1	24.1	3.2	17	78	10	12	836	0	54	0
Average			17.1	26.1	1.2	15	78	11	11	815	29	59	0
Dark green	leaves. Very	y unifo	orm. Slig	phtly wide	base to cu	irds. Good	curd cove	er. V ery G	ood Facepa	ck mate	rial.		
Solid curds													
Elsoms	19		27.1	3.2	10.2	14	56	24	20	601	0	129	0
Medaillon	224		20.1	3.2	10.2	21	66	18	16	708	0	97	0
Average			23.1	3.2	10.2	18	61	21	18	655	0	113	0
Very unifor	m. Slightly p	ointe	d leaves	. Paler inr	ner leaves	Easy to s	ee, cut and	d bag. Go	od curd cov	er. Solid	curds with	n later trans	planting
24% loose v	vith earlier p	olantin	ng. 16%	off white.	Needs har	vesting ev	very 3 days	or will tu	ırn off white				
Bayer	20		27.1	27.1	14.2	18	80	10	10	837	29	54	0
5697	225		31.1	3.2	10.2	10	86	6	8	858	86	32	0
			29.1	31.1	12.2	14	83	8	9	848	58	43	0
Uniform. De	ep solid slig	ghtly k	nobbly d	curds. Hea	vy curds.	Very good	Facepack	material	Lot of leav	es aroun	d curds.		
Very clean	with little Xa	anthor	monas a	nd Ringsp	ot. Looks	excellent i	n trays.						

	2021-22	WINT	ERCAU	LIFLOV	VER VA	RIETY	<b>FRIAL</b>					
		First Tra	nsplanting	14th July	2021	(First line	)	SPACIN	G 8580	Plants/A	cre	
		Second	Transplanti	ng 23rd J	luly 2021	(Second li	ne)			Crates / Ac	re	
VARIETY	PLOT	(	UTTING PER	IOD	DAYS	Class	Class	Unmarket	Facepa	ck	Class 2	
		10%	50%	90%		1	2	%	8	6	16	12
Vilmorin	21	27.1	31.1	7.2	11	76	12	12	794	29	64	0
Trevaskis	226	27.1	3.2	7.2	11	86	4	10	879	57	21	0
Average		27.1	2.2	7.2	11	81	8	11	837	43	43	0
Very uniform	n. Good cov	ver. Slightly	wide base t	to curds. Q	uick harve	est period.	Very goo	d Facepack	materia	Ι.		
Medium de	pth curds. 89	% small curo	S.									
Elsoms	22	31.1	7.2	14.2	14	64	12	24	686	0	64	0
Lannion	227	3.2	7.2	14.2	11	62	14	22	664	0	75	0
Average		1.2	7.2	14.2	13	63	13	23	675	0	70	0
Small frame	e. Upright le	aves. Good	curd cover.	Tendency	to turn of	fwhite if n	ot cut eve	ery 3 days (2	6%). Sor	me loose cu	urds 12%	
Just making	) size '8' cur	ds. Some go	od Facepa	ck materia	I.							
Syngenta	23	3.2	14.2	14.2	11	76	14	10	815	0	75	0
SGC 5092	228	3.2	7.2	14.2	11	76	16	8	815	0	86	0
Average		3.2	10.2	14.2	11	76	15	9	815	0	81	0
Uniform. St	rong frame.	Good curd	over. Easy	to see to h	arvest. Cl	ean leaves	very little	e leaf disea	se. Very	good Face	pack materi	ial.
Solid deep	very uniforn	n heavy cur	ls.									
Clause	24	10.2	21.2	28.2	18	86	4	10	900	28	21	0
Folder	229	10.2	17.2	21.2	11	74	12	14	794	0	64	0
Average		10.2	19.2	25.2	15	80	8	12	847	14	43	0
Uniform. Ve	ry good Fac	epack mate	rial. A few	small curd	s. Medium	depth cur	ds. Good	curd cover.	Looks u	niform in t	rays.	
Will turn off	white if not	t cut every 3	days.									
Clause	25	21.2	3.3	7.3	14	74	12	14	751	57	64	0
Mengwenn	230	21.2	28.2	3.3	11	84	8	8	836	86	43	0
Average		21.2	2.3	5.3	13	79	10	11	794	72	54	0
Very unifor	m. V ery tigh	t wrapper le	avesovero	urds. Solio	d medium	depth curo	ls. Looks	good in tra	ys.			
Very good F	acepack m	aterial espe	cially from	later transp	olanting.	10% small o	curds.					

	2021-22	١	WINTE	R CAUL	IFLOW	/ER VA	RIETY .	TRIAL					
		F	First Trans	splanting	14th July	2021	(First line	e)	SPACIN	G 8580	Plants/A	cre	
		\$	Second Ti	ransplantiı	ng 23rdJ	uly 2021	(Second li	ne)			Crates / Acr	e	
VARIETY	PLOT		CU	TTING PERI	OD	DAYS	Class	Class	Unmarket	Facepa	ck	Class 2	
			10%	50%	<b>90</b> %		1	2	%	8	6	16	12
Bayer	26		27.1	14.2	28.2	32	82	10	8	879	0	54	0
Carantic	231		27.1	17.2	28.2	32	76	10	14	729	114	54	0
Average			27.1	15.2	28.2	32	79	10	11	804	57	54	0
Longer than	n normal hea	ading	g period.	Deep soli	d curds. L	oose wrap	operleves.	Large fra	me.Looks	very goo	d in trays.		
Very good l	Facepack ma	ateria	al. 11% sn	nall curds.									
Elsoms	27		7.2	14.2	25.2	18	50	24	26	536	0	129	0
Gerona	232		10.2	17.2	28.2	18	60	16	24	644	0	86	0
Average			8.2	15.2	26.2	18	55	20	25	590	0	108	0
Small frame	e. Solid curd	ds. Te	endency t	o turn off	white.Var	iable size	d curds. So	om e good	Facepack	material.	24% small	curds.	
Vilmorin	28		10.2	14.2	17.2	7	58	23	19	617	0	121	0
AL 7222	233		7.2	10.2	17.2	10	60	22	18	644	0	118	0
Average			8.2	12.2	17.2	9	59	23	18	631	0	120	0
Heavy Xant	homonas or	oute	er leaves.	. Upright tl	nin strap li	ke leaves.	Loose wr	apperlea	ves. Poor c	urd cove	r.		
Tendency to	o turn off wh	nite.	Som e sma	all curds a	nd a few s	sibs. Some	e good Fac	epack ma	aterial. Qui	ck harve	stperiod.		
Clause	29		28.3	7.4	14.4	17	60	24	16	622	29	129	0
Avelmad	234		7.4	11.4	18.4	11	62	20	18	644	29	107	0
Average			2.4	9.4	16.4	14	61	22	17	633	29	118	0
11% small c	urds 4% sibs	. Uni	iform mar	ketable cu	urds. Sligh	tly open f	ram e resul	ting in so	m e off white	e curds.	Some good	Facepack	material
Medium de	pth curds.												
Elsoms	30		28.2	10.3	14.3	14	68	26	6	665	86	139	0
Isadora	235		28.2	7.3	14.3	14	82	10	8	836	57	54	0
Average			28.2	9.3	14.3	14	75	18	7	751	72	97	0
Uniform size	ed curds. Me	diur	m depth.l	Needs cutt	ing every	2 or 3 day	s or will tu	rn off whi	ite. Slightly	knobbly	curds.		
Some good	facepack m	ateri	ial. Slight	tly open fr	ame.								

	2021-22		WINTE	R CAUL	IFLOW	VER VA	RIETY	TRIAL					
			First Trans	splanting	14th July	2021	(First line	:)	SPACIN	<b>G</b> 8580	Plants/A	cre	
			Second T	ransplanti	ng 23rd J	luly 2021	(Second li	ne)			Crates / Acr	e	
VARIETY	PLOT		CU	TTING PERI	OD	DAYS	Class	Class	Unmarket	Facepa	ek 🛛	Class 2	
			10%	50%	90%		1	2	%	8	6	16	12
Elsoms	31		17.3	17.3	24.3	7	84	8	8	836	86	43	0
Almeria	236		14.3	21.3	24.3	10	76	12	12	729	114	64	0
Average			16.3	19.3	24.3	8	80	10	10	783	100	54	0
Very unifor	m. Slightly	poin	ted curds.	Excellent	Facepack	material.	Solid cure	ls. Good o	over. Easy	to see, cu	ut and bag.		
Few defect	s. Looks ve	ry un	iform in tr	ays. Low I	evels of le	eafdisease	e. Very qui	ck headir	ng period.				
Vilmorin	32		17.3	24.3	31.3	14	80	10	10	697	215	54	0
Carbis	237		17.3	24.3	28.3	11	78	12	10	751	114	64	0
Average			17.3	24.3	30.3	13	79	11	10	724	165	59	0
Very uniforn	ı. Dark green	leave	es. Good cur	d cover. Sli	ghtly wide b	ase to curds	. Good Face	pack mater	ial. 8% sma	l curds. M	ledium depth	curds.	
Strong frame	e, with a sprea	ding	habit. Twis	t to wrapper	leaves.								
Elsoms	33		24.3	31.3	4.4	11	64	24	12	601	114	107	29
Vogue	238		28.3	4.4	8.4	11	62	18	20	665	0	102	0
Average			26.3	2.4	6.4	11	63	21	16	633	57		15
Heavy leaf	drop. Loose	e twi	stedwrap	per leaves	tigh leve	els of Ring	jspot on οι	iter leave	s. Slightly v	/ide base	to curds. 2	5% loose c	urds.
Some good	Facepack	mate	erial. Will	turn off wh	nite if not o	cut every 3	8 days.						
Vilmorin	34		17.3	31.3	31.3	14	76	10	14	665	200	32	29
Vedis	239		17.3	24.3	4.4	18	82	10	8	772	143	54	0
Average			17.3	27.3	2.4	16	79	10	11	719	172	43	15
Small/med	ium sized fr	ame	. Uniform.	Slightly w	vide base t	to curds. S	olid and h	eavy curo	ds. Very goo	od Facepa	ack materia	al.	
Good curd	cover. Som	e lar	ge curds.	Needs har	vesting ev	very 3 days	s or will tu	n off whit	te.				
	1												

	2021-22	LAT	E WIN	ITER	CAULI	FLOW	R VAR	IETY T	RIAL				
		First <sup>*</sup>	<b>Franspla</b>	nting	14th July	2021	(First line	)	SPACIN	G 8580	Plants/A	cre	
		Secor	d Trans	plantin	ng 23rd J	uly 2021	(Second li	ne)			Crates / Ac	re	
VARIETY	PLOT		CUTTIN	G PERI	OD	DAYS	Class	Class	Unmarket	Facepac	:k	Class 2	
		10%	6 5	0%	90%		1	2	%	8	6	16	12
Elsoms	167	11.	4 1	8.4	21.4	10	88	10	2	515	572	54	0
3030	240	14.	4 2	1.4	25.4	11	86	10	4	579	478	54	0
Average		12.	4 2	0.4	23.4	11	87	10	3	547	525	54	0
/ery unifo	m. Strong	frame. S	olid cure	ds. Ver	ry good cu	urd cover.	Very good	l Facepac	k material.				
ligh % of l	arge curds	. Uprigh	t leaves.										
Elsoms	168	11.	4 1	8.4	21.4	10	70	26	4	622	172	139	0
Nomad	241	11.	4 1	8.4	25.4	14	60	24	16	536	143	129	0
Average		11.	4 1	8.4	23.4	12	65	25	10	579	158	134	0
Jniform fra	ame. Unifor	m sized	curds w	vith goo	od cover.	Tendency	to becom	e loose wi	th a few off	white cu	rds.		
Needs cutt	ing every 2	or 3 da	ys. Som	ne good	d Facepac	k material							
/ilmorin	169	18.	4 2	8.4	5.5	17	84	6	10	751	200	32	0
<b>Fostakis</b>	242	21.	4 2	5.4	5.5	14	74	16	10	644	200	86	0
Average		19.	4 2	6.4	5.5	16	79	11	10	698	200	59	1724
/ery unifo	rm frame. P	aler inn	er leaves	s. Heav	/y solid cu	rds. Very	good Face	epack mat	erial. A few	small cur	ds.		
Blightly cri	nkled leave	s. Sligh	ly wide l	base to	o curds.								
Clause	170	11.	4 1	8.4	25.4	14	64	22	14	493	257	118	0
Aureo	243	11.	4 1	8.4	28.4	17	66	24	10	644	86	129	0
Average		11.	4 1	8.4	27.4	16	65	23	12	569	172	124	0
Open fram	e. Spreadin	ig habit.	Slightly	knobb	ly curds.	Will turn o	off white if	not cut ev	very 3 days.	Some go	od Facepa	ack material	•
/ilmorin	171	14.		8.4	2.5	18	70	18	12	708	57	75	29
/T 4068	244	21.	4 2	8.4	5.5	14	78	14	8	815	29	54	29
Average		17.	4 2	3.4	3.5	16	74	16	10	762	43	65	29
								-	aterial. A fe		off white c	urds.	
Blightly wid	le base to o	curds. C	lean leav	ves vei	ry little dis	ease. Bet	ter from la	ter transp	lanting date	).			

	2021-22	LATE	WINTEF		FLOW	ER VAR	IETY T	RIAL				
		First Tran	splanting	14th July	2021	(First line	)	SPACIN	G 8580	Plants/A	cre	
		Second T	ransplanti	ng 23rd J	uly 2021	(Second li	ne)			Crates / Acr	e	
VARIETY	PLOT	CU	TTING PER	IOD	DAYS	Class	Class	Unmarket	Facepac	:k	Class 2	
		10%	50%	90%		1	2	%	8	6	16	12
Elsoms	172	11.4	25.4	2.5	21	64	16	20	644	57	86	0
Fletcher	245	18.4	25.4	2.5	14	72	12	16	751	29	64	0
Average		14.4	25.4	2.5	18	68	14	18	698	43	75	0
Short uprig	ght leaves. I	Dark green	leaves. Go	od curd c	over. Very	uniform. l	Jniform siz	zed curds.				
Some good	d Facepack	material. T	endency t	o turn off v	white, nee	ds harvest	ing every	2 or 3 days				
Vilmorin	173	15.4	25.4	3.5	18	70	20	10	686	86	97	14
Arletis	246	21.4	25.4	3.5	12	76	18	6	751	86	97	0
Average		18.4	25.4	3.5	15	73	19	8	719	86	97	7
Uniform fra	ame and cu	rd size. Goo	od curd co	ver. Very g	good Face	pack mate	rial.					
Will turn of	ff white if no	ot cut every	2 or 3 day	/S.								
Elsoms	174	25.4	2.5	5.5	10	58	22	20	493	172	118	0
Cartagena	247	28.5	2.5	9.5	11	58	24	18	493	172	129	0
Average		26.4	2.5	7.5	11	58	23	19	493	172	124	0
Dark greer	ı leaves. Sp	reading hab	oit. Uniforn	n. Well pro	tected cur	rds. Some	variation i	n curd size	s. 11% sn	nall curds.		
Some good	d Facepack	material. W	ill go off w	hite if not	cut every	2 or 3 day	s. (36%)					
Elsoms	175	2.5	5.5	9.5	7	78	6	16	644	257	32	0
Seth	248	2.5	5.5	9.5	7	74	8	18	579	286	43	0
Average		2.5	5.5	9.5	7	76	7	17	612	272	38	0
Uniform siz	zed frame. S	Spreading h	abit. Crin	kled leaf ty	vpe. Some	tip burn o	n some in	ner leaves.	Good Fac	cepack ma	terial.	
Medium de	pth curds b	out light wei	ght. Pale g	green inne	r leaves. S	everal larg	je curds.					

### Spring greens trial 2021-22

#### Transplanted 14.09.2021

5 row beds. 50cms between rows 20cms in the rows

#### **Varieties in Trial**

AL Tozer Wintergreen

Elsoms BE 3285

Monsanto Winter Supreme

Monsanto Winter Special

Agility Hi Crop

#### **Cultural information**

#### 12/07/21 Base Fertilizer

250 Kg/Ha or 2.02 CWT/Acre of KEISERITE 25 % Magnesium, 286 Kg/Ha or 2.31 CWT/Acre of YARA EXTRAN 33 % NITROGEN 16.5 Kg / Ha HUMIC + BORON Granules

#### Chemical plan used 16/09/21 in 300 Ltrs water/Ha

GAMMIT @ 0.15 Ltr/Ha SULTAN @ 1.5 Ltrs /Ha SLUXX 3Kg/Ha

**20/09/21** in 300 Ltrs water/Ha MOLYTRAC @ 0.20 Ltr/Ha MOVENTO @ 0.5Ltr/Ha TRANSFORMER @ 0.5 Ltr/Ha (Wetter)

11/10/21 in 300 Ltrs water/Ha SIGNUM @ 1 Kg/Ha MAGNESIUM AF @ 3.5 Ltr/Ha TRIO @ 3.5 Ltr/Ha DECIS PROTECT @0.5 Ltr/Ha TRANSFORMER @ 0.5 Ltr/Ha (Wetter)

**05/01/22** IN 300 Ltrs water/Ha RUDIS @ 0.4Ltr / Ha Triple 10 @ 4.0 Ltr / Ha AF Mag 3 Ltr / Ha SLUXX @ 4 Kg / Ha