Project title	Field vegetables: An evaluation of autumn/winter cauliflower, spring cabbage cultivars and other winter Brassica crops.				
Project number:	FV 202c				
Project leader:	Bill Herring, Duchy College				
Report:	Annual report May 2007				
Previous report	First report				
Key staff:	Bill Herring Malcolm Millar Ellis Luckhurst				
Location of project:	Trevarnon Farm, Gwithian, Cornwall.				
Project coordinator:	Ellis Luckhurst				
Date project commenced:	1 st April 2006				
Date project completed:	31 st March 2009				
Key words:	Winter Cauliflower, Autumn Cauliflower Spring Cabbage variety Trials.				

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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.

[Name] [Position] [Organisation]	
Signature	Date
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Signature	Date
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Grower Summary

Headline

Some new Autumn and Winter Cauliflower varieties can increase income by $\pounds 486$ /ha where marketable Grade 1 product is 10% above standard varieties currently available.

Background and expected deliverables

Duchy College working in partnership with a number of National seed houses and local growers have carried out the evaluation of commercially available Autumn, Winter Cauliflower and Spring greens varieties over the past 10 years. With the improvement in plant breeding and new cultivars being introduced these need to be assessed alongside current and established varieties in order to improve yields and quality of produce.

The expected deliveries from this work include:-

- 1. Detailed information on each variety including the following:-
 - Harvesting period. 10% 50% and 90% harvest dates % Grade 1, 2 and unmarketable
 - Marketable yields/Acre (Hectare)
 - Comments on any defects, disease tolerance, and suitability for various market outlets.
 - Evaluation on ease of harvest, frost protection, uniformity, depth and quality of curds.
- 2. Comparing Winter Cauliflower varieties transplanted at two transplanting dates and at two different spacings. Early and mid July transplanting dates at 7096 and 8580 plants/ac (17527 and 21193/ha).
 - Detailed information for each cultivar as above.
- 3. Cultural information on the production of the crops
- 4. Website updated weekly providing results throughout the harvest period of October to May.

Summary of the project and main conclusions

- 13 Autumn varieties from 5 seedhouses were evaluated. Transplanted 17/07/06 at a spacing of 10249/Acre (25315/Hectare). Harvested between 09/10/06 and 10/11/06 producing between 40 and 82% Class 1 yields.
- 66 Winter varieties from 7 seedhouses were evaluated. Transplanted on the 06/07/06 and 17/07/06 at 7096/ac (17527/ha) and 8580/ac (21193/ha). In general the earlier transplantings at the wider spacing harvested earlier with a higher % class 1 product, but the highest marketable yield class 1 came from the closer spacing.
- Some of the new introductions performed well compared to standard varieties and provide alternative options when planning successional harvesting over a long period.
- Spring greens. The traditional variety of Wintergreen harvested over a longer harvesting period than other varieties within the Trial. In comparing transplanting dates the last two transplantings on the 28th September and 7th October failed to produce marketable yields until mid April 2007 compared to earlier transplantings harvested in late February and early march 2007. This was due to a very wet November and December after transplanting resulting in poor establishment

Financial benefits

- By selecting new varieties that have performed well to compliment established varieties the financial benefits can be in the region of an extra income of £197/ac (£486/ha) for a variety producing an extra 10% Grade 1 marketable yield (858 <u>curds@23p</u>).
- By using the Trials data to select the best new varieties growers will save in the region of $\pm 1000/ac$ ($\pm 2470/ha$) in trials costs on their own farms.

Action points for growers

- To visit the website to compare variety performance and heading dates. Google - Rosewarne Brassica Trials
- To incorporate new varieties into crop planning and harvesting strategies.

Science Section

Summary of Results

Autumn Cauliflower Varieties.

Top performing varieties

Seed house	Variety	%	Trays/acre	Heading period Grade1
Seminis	SVR 5991	74	912	21.10.06 - 04.11.06
Syngenta	Cartier	82	999	09.10.06 - 17.10.06
Nickerson	Vil 7012	73	865	10.10.06 - 23.10.06
Elsoms	BJ 2669	65	766	16.10.06 - 04.11.06

Winter Cauliflower Varieties.

Top performing varieties

Seed house	Variety	%	Trays/acre	Heading period Grade1
Elsoms	Belot	50	536	23.11.06 - 27.12.06
Clause	Triomphant	55	590	06.12.06 - 02.01.07
Seminis	RX5593	55	590	10.01.07 - 29.01.07
Syngenta	Buren	55	570	11.01.07 - 08.02.07
Syngenta	SG 4397	60	644	22.01.07- 12.02.07
Syngenta	Alpen	65	697	22.01.07 - 05.02.07
Tozer	1018	60	643	22.01.07 - 05.02.07
Tozer	1011	75	804	29.01.07 - 26.02.07
Seminis	Treknow	62	664	29.01.07 - 19.02.07
Seminis	Tintagel	70	751	01.02.07 - 19.02.07
Elsoms	Medaillon	75	804	01.02.07 - 26.02.07
Clause	33411	72	775	12.02.07 - 26.02.07
Clause	Brick	79	847	15.02.07 - 26.02.07
Clause	Redoutable	81	868	15.02.07 - 26.02.07
Syngenta	Clemen	95	1037	19.02.07 - 01.03.07
Syngenta	SG 4716	80	858	19.02.07 - 10.03.07
Tozer	2030	80	876	22.02.07 - 01.03.07
Syngenta	Boulen	75	804	26.02.07 - 05.03.07
Clause	33508	75	840	26.02.07 - 08.03.07
Tozer	2042	74	809	26.02.07 - 05.03.07
Seminis	Cadal	95	1037	26.02.07 - 01.03.07
Seminis	Trewint	90	983	26.02.07 - 08.03.07
Tozer	2027	80	858	26.02.07 - 05.03.07
Syngenta	Broden	75	80	01.03.07 - 12.03.07
Elsoms	Madiot	88	938	01.03.07 - 08.03.07
Elsoms	Mystique	90	965	05.03.07 - 19.03.07
Elsoms	Isadora	75	804	05.03.07 - 12.03.07
Nickerson	Kernis	90	965	08.03.07 - 02.04.07
Vilmorin	6322	95	1018	12.03.07 - 29.03.07
Syngenta	Charif	90	965	15.03.07 - 02.04.07
Elsoms	Invicta	80	876	15.03.07 - 19.03.07

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Seed house	Variety	%	Trays/acre	Heading period Grade1
Nickerson	Taranis	94	832	26.03.07 - 05.04.07
Elsoms	Vogue	85	911	29.03.07 - 07.04.07
Seminis	Trenale	85	912	29.03.07 - 09.04.07

Spring Green Varieties

See table on next page.

The results of the trials for the 2006-07 season clearly show the influences of the time of planting, spacing and the weather on the varietal performance. These variables need to be considered when using the data from the trials and variety performance over a number of seasons needs to be considered when selecting suitable varieties.

Spring greens Variety Trial 2006 - 07

VARIETY	TRANSPLANTING	COMMENTS	HARVEST	PACK OUT YIELD
	DATE		DATE	TRAYS/ACRE
				(10 bags x
				550grams)
ELSOMS	08.09.06	Paler inner leaf. Good greens.	1.1.07	880
PUNCH			11.3.07	953
SEMINIS	08.09.06	Dark green leaf. Uniform. Very good	1.1.07	896
(R.Sluis)		greens. Medium height.	11.3.07	971
7004				
SEMINIS	08.09.06	Slightly more compact than 7004.	1.1.07	920
(R.Sluis)		Dark green leaf. Very good greens.	11.3.07	1015
7003				
A.L.TOZER	08.09.06	Some variation in size. Light green	1.1.07	833
WINTERGREEN		leaf. Stalky. Some good greens.	11.3.07	813
NICKERSON- ZWAAN	08.09.06	Bluey green leaf. Fairly uniform.	1.1.07	821
MASTERCUT	00.00.00	Good greens.	11.3.07	799
			11.0.07	100
NICKERSON-				
ZWAAN	08.09.06	Low to the ground. Spreading habit.	1.1.07	855
MASTERGREEN		Slightly crinkly leaf. Paler inner leaf.	11.3.07	910
		Good greens.		

Appendices

Cultural information, trial plans and a list of varieties trialled are given in the following Appendices to this section as follows:

<u>Appendix 1</u>

Cultural information 2006

Cultural Information including Base and top dressings, weed control, pest control, diseases control, transplanting dates, and weather summary for growing period.

Appendix 2

Trials plan

The Trial site is situated in the middle of an area that has grown Autumn and Winter Brassica crops for over 100 years and is on a holding growing in excess of 150 Acres (61Hectares) of Cauliflower and cabbage to a high standard. All operations in regards crop production are as practiced on the commercial holding. Each plot consisting of two guard rows and two recorded rows grown under commercial conditions, harvested twice a week and graded to EEC marketing standards. A minimum of 40 recordable plants per variety. Plots replicated.

<u>Appendix 3</u> List of Varieties

Appendix 4

Full Trials Results Tables Autumn Cauliflower Variety Trial Time of planting and spacing trial

APPENDIX: 1

CULTURAL INFORMATION 2006 - 07 AUTUMN and WINTER CAULIFLOWER TRIALS

Fertiliser	10.10.06 28.12.06	Base Dressing Top Dressing	1112 kg/ha Yara 5-10-30 +Boron 494 kg/ha Yara Calcium Nitrate 275 kg/ha Yara Calcium Nitrate				
Weed control			Treflan 2.3 l/ha Inter row cultivations on 3 occasions				
Pest control			or to transplanting as rabbit control n" @ 2 I/ha applied with the Treflan				
	15.08.06	Bandu @300 ml	/ha (Aphid control) /ha (Caterpillar control)				
	26.09.06	Wetta @ 100 ml/ha in 400 Litres of water Aphox @ 400 g/ha (Aphid control) Hallmark @ 50 ml/ha (Caterpillar control) Wetta @ 100 ml/ha in 400 Litres of water					
Disease control 26.09.06 16.12.06 03.02.07		Plover @ 300 ml/ha Plover @ 300 ml/ha + wetter Plover @ 300 ml/ha + wetter on later varieties					
Transplanting dates		Time of Planting Trial 6 th and 17 th July 2006 Autumn Variety Trial 11 th July 2006 Late Variety Trial 6 th July 2006 Confidential plots 11 th July 2006					
SPRING CABBA	GE						
Fertiliser	16.10.06	Base Dressing Top Dressing	741 kg/ha Yara 5-10-30 494 kg/ha Yara Calcium Nitrate				
Weed control		Treflan 2.3 I/ha Inter row cultivations on 2 occasions					
Pest control		Wire netting prior to transplanting as rabbit control Cyren " Dursban" @ 2 I/ha applied with the Treflan					
01.11.06		Hallmark@ 50 ml/ha (Caterpillar control) Biscaya @ 400 ml/ha (Aphid control)					
Disease control		Wetta @ 100 ml/ha in 400 l of water Plover @ 300 ml/ha					
Transplanting of conditions.	date	Spring Greens Variety Trial 8 th September into excellent					

Weather:-

Very dry conditions when transplanting in July. Both the air maximum and minimum temperature averages above normal in July, August, September and early October. Only 2 days of significant rainfall in August and 4 days in September. First ground Frost recorded at Rosewarne on the 31st October. Heavy rainfall throughout November and December, with well above average day and night temperatures. © 2009 Agriculture and Horticulture Development Board 7

January and February continued high temperatures with above average rainfall in February.

F	н													
Α	E	24	24A	Confident	ial)								217 218
R	R	22	23	Seminis Au	utumn	68	69							215 216
M	В	20	21	Varieties		66	67	89	90	1				213 214
	1	18	19	43	44	64	65	87	88	1				211 212
	С	16	17	41	42	62	63	85	86	Confidentia			F	209 210
С	D	14	15	39	40	60	61	84	84A	Clause/Tez	ier		Α	207 208
R	E	12A	13	37	38	58	59	82	83	Confidentia			R	204 206
0		11	12	35	36	56	57	80	81	Seminis W	inter		M	202 203
Ρ	т	9	10	33	34	54	55	78	79	Varieties				200 201
	R	7	8	31	32	52	53	76	77	103 104	105	106	С	198 199
	1	5	6	29	30	50	51	74	75	99 100	101	102	R	196 197
	Α	3	4	27	28	47	49	72	73	95 96	97	98	0	194 195
	L	1	2	25	26	45	46	70	71	91 92	93	94	Р	192 193
				ABCD	ABCD	ABCD	ABCD	ABCD	ABCD					
	Alpen	AUTI	UMN		TIME OF I	PLANTING	SPACING	TRIAL		CONFIDEN	TIAL			LATE
		VARI												VARIETIES
		TRIA	L											
	4 ROWS	8 R	ows	8 ROWS	8 ROWS	8 ROWS	8 ROWS	8 ROW S	8 ROW S	8 ROWS	8 R (ows	8 ROWS	8 ROWS

FIELD PLAN FOR DUCHY BRASSICA TRIALS 2006 - 07 GWITHIAN - CORNWALL

TREVARNON FARM LANE

APPENDIX 3: List of Varieties

AUTUMN CAULIFLOWER VARIETY TRIAL 2006 - 07

SPACING 34 X 18

10249 plants/ac (25315/ha)		4-row plots	Transplanted 11 th	July 2006
PLOT NO	SEEDHOUSE	VARIETY		
1	Seminis		RX 5650	
2	SEMINIS		AMIATA	(RX 5539)
3	SEMINIS		ARICA	(RX5278)
4	SEMINIS		SVR 5991	
5	SYNGEN ⁻	ΓA	CARTIER	
6	VILMORI	Ν	7012	
7	CLAUSE/	TEZIER	RAFALE	
8	CLAUSE/	TEZIER	REGATA	
9	CLAUSE/	TEZIER	INTREPID	
10	CLAUSE/	TEZIER	OPTIMIST	

4	SEIMINIS	3VK 3771	
5	SYNGENTA	CARTIER	
6	VILMORIN	7012	
7	CLAUSE/TEZIER	RAFALE	
8	CLAUSE/TEZIER	REGATA	
9	CLAUSE/TEZIER	INTREPID	
10	CLAUSE/TEZIER	OPTIMIST	
11	CLAUSE/TEZIER	MERIDIEN	
12	CLAUSE/TEZIER	AMISTAD	
12A	elsoms	BJ 2669	
13	Seminis	RX 5650	
14	Seminis	AMIATA	(RX 5539)
15	Seminis	ARICA	(RX5278)
16	Seminis	SVR 5991	
17	SYNGENTA	CARTIER	
18	VILMORIN	7012	
19	CLAUSE/TEZIER	RAFALE	
20	CLAUSE/TEZIER	REGATA	
21	CLAUSE/TEZIER	INTREPID	
22	CLAUSE/TEZIER	OPTIMIST	
23	CLAUSE/TEZIER	MERIDIEN	
24	CLAUSE/TEZIER	AMISTAD	
24A	elsoms	BJ 2669	

TIME OF PLANTING and SPACING TRIAL 2006 - 07

SPACINGS 34 X 21.5" (8580/Acre)

34 X 26" (7096/Acre) and

8 row plots

Transplanting dates 6th and 17th July 2006

PLOT NO **SEEDHOUSE** VARIETY **HEADING PERIOD** 25 CLAUSE/TEZIER GALIOTE Early December ELSOMS Early/mid December 26 BELOT Early/mid December 27 SYNGENTA DRAKE 28 Early December NICKERSON-ZWAAN CENDIS SAKATA Early/mid Docombor 29 30 31 32

SAKATA	CAU-G34		Early/mid December
SYNGENTA	LORIEN		Early December
TOZER	1026		Mid December
SEMINIS	RX 5993		Mid December
TOZER	1016		Mid December
ELSOMS	MAGINOT		Mid December
TOZER	1001		Mid/Late December
SYNGENTA	BUREN	Late D	December
TOZER	1014		Late December
SYNGENTA	SG 4397		Late December
CLAUSE/TEZIER	TRIOMPHANT		Early January
SYNGENTA	ALPEN		January
SEMINIS	RX 5994		January
TOZER	1020		Mid January
TOZER	1008		Late January
CLAUSE/TEZIER	BRICK		Late January
TOZER	1011		Late January
CLAUSE/TEZIER	CLX 33406		Late January
CLAUSE/TEZIER	HERMINE		Late Jan/Early February
no plot			
CLAUSE/TEZIER	REDOUTABLE	Early F	ebruary
NICKERSON-ZWAAN	ourasis		Early February
TOZER	1018		Early February
CLAUSE/TEZIER	33411		Early February
TOZER	2017		Early February
CLAUSE/TEZIER	33508		Early February
			Early/mid Eabruary

2022

54 55 SEMINIS 56 TOZER 57 SYNGENTA

58 CLAUSE/TEZIER

Early/mid February TREKNOW Early/mid February BOULEN Early/mid February MATELOT Mid February

TIME OF PLANTING and SPACING TRIAL cont 2006 - 07

PLOT NO	SEEDHOUSE	VARIETY	HEADING PERIOD
59	SEMINIS	TINTAGEL	Mid February
60	ELSOMS	MEDAILLON	Mid February
61	CLAUSE/TEZIER	FARMAN	Mid February
62	TOZER	2042	Mid February
63	Syngenta	BRODEN	Mid/Late February
64	Seminis	TREWINT	Mid/Late February
65	CLAUSE/TEZIER	MASCARET	Mid/Late February
66	SYNGENTA	CLEMEN	Mid/Late February
67	Seminis	CADAL	Mid/Late February
68	TOZER	2030	Mid/Late February
69	Seminis	ABRUZZI	Mid/Late February
70	TOZER	2029	Late Feb/Early March
71	elsoms	MADIOT	Early March
72	CLAUSE/TEZIER	MORSOUIN	Early March
73	TOZER	2032	Mid March
74	elsoms	MYSTIQUE	Mid March
75	elsoms	TWILIGHT	Mid March
76	TOZER	2038	Mid/Late March
77	elsoms	ISADORA	Mid/Late March
78	elsoms	VOGUE	Mid/Late March
79	TOZER	2047	Mid/Late March
80	NICKERSON-ZWAAN	KERNIS	Mid/Late March
81	SYNGENTA	SG 4716	Late March
82	SYNGENTA	CHARIF	Late March
83	ELSOMS	TEMPEST	Late March
84	ELSOMS	INVICTA	Late March
84A	Confidential plot		
85	TOZER	2027	Late March/Early April
86	NICKERSON-ZWAAN		Early April
87	ELSOMS	NOMAD	Early/Mid April
88	NICKERSON-ZWAAN	TARANIS	Early/Mid April
89	SEMINIS	TRENALE	Mid April
90	SEMINIS	ALBINO	Late April

SPRING CABBAGE OBSERVATION VARIETY TRIAL 2006 - 07

This trial was planted on 8th September 2006 using a 5 row transplanter into excellent conditions.

5 Rows to a bed

Approximately 2000 plants of each variety,

All module plants (216/tray)

SEMINIS (R. Sluis) Winter Special 7003

SEMINIS (R. Sluis) 7004

NICKERSON – ZWAAN Mastergreen

A. L. TOZER Winter green

ELSOMS Punch

NICKERSON - ZWAAN Mastercut

APPENDIX 4: Results

									1			
		AUTU	MN CAULIFL	OWE	R VAI	RIETY	TRIA	L				
								SPACING	34" X 18"			
		EARLY	VARIETIES 2	006 - 0)7			10249/Ac	re			
					- ·	-	1			Crates / Acre		
VARIETY	PLOT		CUTTING PERIOD		DAYS	Class	Class	Unmarket	Facepack			Class 2
		10%	50%	90 %		1	2		8	6	16	12
RX 5650	1	16.10	19.10	26.10	10	43	36	21	549	0	214	20
	13	16.10	19.10	30.10	14	55	15	30	704	0	96	0
Average	•	16.10	19.10	28.10	12	49	25.5	25.5	627	0	155	10
bag. AMIATA	2	19.10	30.10	9.11	21	53	40	7	641	43	240	21
	with small v	white bracts.	Easy to see, cut a	nd								
AMIAIA	+ +				1			,				
	14	16.10	26.10	11.11	26	58	18	24	705	43	96	21
Average		17.10	28.10	10.11	23	55.5	29	15.5	673	43	168	21
	•		e good Facepack		I. Dark g	green le	eat. Slig	htly open tram	e. Some curds l	oose with white	e bracts.	
			<u>cut every 2 or 3 day</u>		[10			7.0			
ARICA	3	23.10	26.10	8.11	16	60	18	22	769	0	112	0
	15	23.10	26.10	9.11	17	72	5	23	928	0	16	21
Average		23.10	26.10	8.11	16.5	66	11.5	22.5	848	0	64	10
	•		d. Good curd. Unif	•		obly cu	rd. Easy	y to see, cut ar	nd bag. A few l	oose small cur	ds.	
			ne small plants/cu					1		1		
SVR 5991	4	23.10	2.11	9.11	17	85	7	8	1088	0	48	0
	16	19.10	19.10	30.1	11	63	15	22	737	85	96	0
Average		21.10	26.10	4.11	14	74	11	15	912	42	72	0
Compact. 1	ight leaf ov	<u>er curd. Darl</u>	k green leaf. Heav	y curds. V	Very go	od Fac	epack	<u>material. Looks</u>	good in tray. F	ew defects.Slig	ghtly knobl	oly curd.
CARTIER	5	9.10	16.10	19.10	10	80	3	17	897	171	16	0
	36	9.10	16.10	16.10	7	83	2	15	1100	0	0	22
Average		9.10	16.10	17.10	8.5	82	2.5	16	999	86	8	11

Very crinkly leaf. Good curd protection. Medium height frame. Dark green leaf. Very good Facepack material. A few small plants/curds. Few defects.

		AUTUA			R VA	RIETY		AL.				
								SPACING	34" X 18"			
		EARLY	VARIETIES 2	2006 - 0)/			10249/Acı	re			
VARIETY	PLOT		CUTTING PERIOD		DAYS	Class	Class	Unmarket	Facepack			Class 2
		10%	50%	90 %		1	2		8	6	16	12
VIL 7012	6	12.10	19.10	6.11	25	80	7	13	929	128	16	43
	18	9.10	12.10	16.10	7	65	15	20	801	43	96	0
Average		10.10	15.10	23.10	13	72.5	11	16.5	865	85	56	22
pack.			ets. Medium dep		r	1	,				000	0.1
RAFALE	7	9.10	19.10	30.10	21	45	35	20	577	0	208	21
	19	16.10	19.10	23.10	7	50	15	35	641	0	96	0
Average		12.10	19.10	26.10	14	48	25	27	609	0	152	11
•			d curd protection t and bag. Some				eaf. Ba	se of curd low to	o the ground. H	leavy curds.		
REGATA	8	16.10	19.10	23.10	7	60	12	28	641	171	54	21
	20	12.10	19.10	23.10	11	60	13	27	673	128	80	0
Average		14.10	19.10	23.10	9	60	13	27	657	150	67	11
	to curds. Proi Jlar shaped c		ib to leaf. Will tu	n off white	e if not a	cut eve	ry 3 or 4	4 days. Good cu	urd protection.	Some large c	urds. Low s	quat fran
INTREPID	9	16.10	23.10	8.11	23	53	13	34	673	0	64	21
	21	16.10	23.10	30.10	14	38	35	27	480	0	224	0
Average	· ·	16.10	23.10	3.11	18	45.5	24	30.5	576	0	144	11
-	light pink to	curds. Unifor	m. Some very go	ood Facer	ack m	aterial. S	Slightly	wide base to cu	urd. Heavy cure	ds. A few sma	ll plants/cu	rds.
Tall frame. S			, 0				/					
OPTIMIST	10	16.10	19.10	2.11	17	35	38	27	416	43	208	43

Average	16.10	19.10	2.11	17	40	33	27	464	64	192	22

Spreading habit. Open frame. Dark leaf. Some good Facepack material. A few white bracts on curds.

A number of small plants/curds. Needs cutting every 2 or 3 days or will turn

creamy.

AUTUMN CAULIFLOWER VARIETY TRIAL

		EARLY	EARLY VARIETIES 200)7	_		SPACING 10249/Ac				
							-			Crates / Acre		-
VARIETY	PLOT		CUTTING PERIOD		DAYS	Class	Class	Unmarket	Facepack			Class 2
		10%	50%	90%		1	2		8	6	16	12
MERIDIAN	11	9.10	16.10	23.10	14	48	30	22	577	43	144	64
	23	9.10	16.10	18.10	9	59	17	24	580	244	61	61
Average		9.10	16.10	20.10	12	54	23	23	579	146	102	62
Slightly wide	base. Twist	ted leaf over a	curd. Prominent	vein to leo	af. Som	e leaf so	corch o	n outer leaves.	Some good Fo	acepack mater	ial. Knobb	ly heavy
AMISIAD	24	16.10	30.10	9.11	24	38	33	29	459	44	181	44
<u>.</u>			00.10		25	48	21.5	30.5	598	22	122	22

BJ 2669	12A	16.10	19.10	13.11	28	57	20	23	732	0	110	24
	24A	16.10	19.10	26.10	10	73	10	17	800	170	18	21
Average		16.10	19.10	4 .11	19	65	15	20	766	85	64	23

Uniform. Good Facepack material. Some large curds. Easy to see, cut and bag. Reasonable curd protection. Slightly wide base to curd.

	A 8580/	<u>PLANTIN(</u> Acre Tra Acre Tra	Insplanted	d 6 July 2	2006	B D	8580/Ac 7096/Ac			<u>7</u> 17 July 2 17 July 2			
VARIETY	PLOT	CUT	TING PER	RIOD	DAYS	Class	Class	Unmkt	-	Facepac	k	Class 2	
						1	2			Class 1			
		-									Crates/A	cre	
		10%	50%	90%		%	%	%		8	6	16	12
Clause	25A	26.10	9.11	27.11	32	20	30	50		161	71	161	0
Tezier	25B	8.11	23.11	14.12	36	35	40	25		375	0	215	0
GALIOTE	25C	26.10	16.11	30.11	35	32	50	18		277	0	222	0
	25D	8.11	23.11	18.12	40	25	38	37		222	0	166	0
Some ricey/wh	nite bracts	and pinki	ng of cure	ds with ea	irlier trans	splanting	date. Sma	all frame a	nd curds	5. Later tra	ansplantir	ng produci	ng smaller curds.
Elsoms	26A	26.10	11.11	27.11	32	20	25	55		214	0	134	0
BELOT	26A 26B	26.10	6.12	27.11	32	20 50	25 35	55 15		536	0	134	0
BELUI	26D 26C	26.10	8.11		-	50 6	18	76		530	0	78	
	26C 26D	20.10	6.12	16.11 18.12	21 25	50	31	19		443	0	139	0
Some white br		-	•=	-	= •		÷ .		hollow st		•		vith white bracts.
45% with hollo													
									enny a re				
Syngenta	27A	26.10	2.11	9.11	14	35	35	30		375	0	188	0
DRAKE	27B	9.11	16.11	27.11	18	35	20	45		375	0	107	0
	27C	30.10	2.11	9.11	10	38	38	24		333	0	166	0
	27D	9.11	16.11	27.11	18	38	56	6		333	0	249	0
								2. Smooth	white cu	irds. Goo	d protecti	on . Easy t	to see, cut and bag.
Good Facepac	k material	l. Uniform.	Will turn	off white	if not cut	every 3 c	or 4 days.						
Nickerson	28A	26.10	30.10	23.11	28	45	30	25		429	72	161	0
Zwaan	28B	11.11	23.11	4.12	23	50	20	30		536	0	107	0
CENDIS	28C	26.10	30.10	16.11	21	44	44	12		333	74	166	37
	28D	16.11	27.11	30.11	14	56	37	7		499	0	166	0
				ntings, do	own gradi	ng curds	to Class 2	2. Uniform	. Easy to	see, cut a	and bag.	Good Face	epack material.
Few defects ex	xcept for w	vnite brac	ts.										

	TIME OF	PLANTIN	G AND SP	ACING TI	RIAL				<u> 2006 - 07</u>	7				
	A 8580/	Acre Tra	ansplanted	d 6 July 2	2006	В	8580/Acr	e Trans	splanted	17 July 2	2006			
			ansplante			D	7096/Acr	e Tran	splanted	17 July 2	2006			
VARIETY	PLOT	CUT	TING PER	riod	DAYS	Class	Class	Unmkt		Facepac	k	Class 2		
						1	2			Class 1			-	
											Crates/A			
		10%	50%	90%		%	%	%		8	6	16		12
Sakata	29A	16.11	20.11	23.11	7	10	60	30		107	0	322		30
CAU-G34	29B	23.11	30.11	4.12	11	25	45	30		268	0	241		0
	29C	11.11	16.11	27.11	16	31	44	25		111	222	139		74
	29D	16.11	27.11	30.11	14	38	19	43		277	74	83	<u> </u>	0
Curds very lov				e curds.	Tight pale	e green w	rapper leav	ves. Wide	<u>e base to</u>	curds. So	ome irregu	ilar shape	d curds.	
Smooth curd.	Soft inner	leat. Goo	a weight.											
Synconto	30A	2.11	11.11	23.11	21	45	40	15		483	0	215		
Syngenta LORIEN	30A 30B	16.11	27.11	4.12	18	40	40 35	25		375	72	188		0
LORIEN	30B 30C		9.11		10	40 31	50	 		277	0	222		
	30C	8.11 16.11	30.11	23.11 4.12	15	62	31	19		554	0	139		0
Knobbly, off w					-	-	_		L d Facena		v		and had	0
Much more un														
								ngin na						
Tozer	31A	16.11	26.11	4.12	18	15	30	55		161	0	161		0
1026	31B	4.12	2.1	15.1	42	45	30	25		483	0	161		0
	31C	136.11	6.12	18.12	32	39	22	39		345	0	99		0
	31D	4.12	18.12	15.1	42	63	18	19		554	0	83		0
Creamy curds	. Generally	flattish o	pen frame	e. Good s	ized fram	e but sma	allish curds	s on early	y transpla	nting. So	me stump	rot into b	ase of curds.	
Much improve	d on later t	transplant	ting and a	t the wide	er spacin	g. Good w	veight and	good Fa	cepack m	naterial on	later trar	nsplanting	S.	
Seminis	32A	14.12	18.12	2.1	19	30	40	30		322	0	215		0
RX 5593	32B	10.1	15.1	29.1	19	55	20	25		590	0	107		0
	32C	6.12	14.12	2.1	27	56	13	31		444	74	55		0
	32D	2.1	18.1	29.1	27	63	19	18		554	0	83		0
Untidy leaf typ												itings. Not	easy to see.	
Curds have a	tendency t	o soon tu	rn creamy	/ in colou	r. Not eas	sy to see o	curds. Son	ne good	Facepack	material.			<u> </u>	
	TIME OF	PLANTIN	<u>G AND SP</u>	ACING TI	RIAL				<u> 2006 - 07</u>	<u>7</u>				
			ansplantee			В	8580/Acr			17 July 2				
			ansplante			D	7096/Acr		splanted	17 July 2				
	PLOT					Class	Class	Unmkt		Facepac		Class 2		
© 2009 Agricult		nconore	Developin		ר <u>–</u> ר	1	2	8		Class 1				
									_		Crates/A	cre		

	TIME OF	PLANTING	<u>AND SP</u>	ACING TE	RIAL			<u>20</u>	<u>)06 - 07</u>			
	A 8580/					В	8580/Ac		anted 17 July 2			
	C 7096/					D	7096/Ac	-	anted 17 July 2			
VARIETY	PLOT	CUI	TING PEF	RIOD	DAYS		Class	Unmkt	Facepac	K I	Class 2	
						1	2		Class 1	Crates/A	010	
		10%	50%	90%		%	%	%	8	6	16	
Tozer	37A	23.11	11.12	2.1	40	40	40	20	429	0	215	
1014	37B	6.12	11.1	15.1	40	35	25	40	375	0	134	
	37C	26.11	11.12	2.1	37	31	50	19	277	0	222	
	37D	18.12	2.1	15.1	28	63	25	12	554	0	111	
Creamy flattish	n curds wit	h earlier t	ransplant	ing. Loos	se and cre	eamy curo	Is with lat	er transplan	ting. Lightish cu	rds. Som	e good Fa	cepack material.
Syngenta	38A	2.1	18.1	29.1	27	45	25	30	483	0	134	
SG 4397	38B	22.1	5.2	12.2	21	60	15	25	644	0	80	
	38C	10.1	18.1	22.1	12	81	0	19	721	0	0	
	38D	29.1	1.2	5.2	7	81	6	13	721	0	28	
									closer spacing.	Few othe	r defects.	Good quality leaf.
Good weight. S	Some off w	/nite curd	s. Perforn	nea much	better at	the wide	r spacing.					
Clause	394	11 11	23.11	6 12	25	30	50	20	322	0	268	
Clause Tezier	39A 39B	11.11	23.11 11.12	6.12 2.1	25 27	30 55	50 25	20 20	322	0	268 134	
Tezier	39B	11.11 6.12 11.11	23.11 11.12 20.11	2.1	25 27 15	30 55 31	50 25 50	20	322 590 277	0 0 0	268 134 222	
		6.12	11.12	-	27	55	25		590	0	134	
Tezier Triomphant	39B 39C 39D	6.12 11.11 23.11	11.12 20.11 4.12	2.1 26.11 2.1	27 15 40	55 31 56	25 50 37	20 19 7	590 277 499	0 0 0	134 222	
Tezier Triomphant	39B 39C 39D ly curds w	6.12 11.11 23.11 ith small v	11.12 20.11 4.12 white brac	2.1 26.11 2.1 :ts in the	27 15 40 early tran	55 31 56 splanting	25 50 37 s. Good v	20 19 7 veight. Easy	590 277	0 0 0	134 222	
Tezier Triomphant Slightly knobb Later transplar	39B 39C 39D ly curds w nting heav	6.12 11.11 23.11 ith small v ier and les	11.12 20.11 4.12 white brac ss bractin	2.1 26.11 2.1 cts in the g. Bractir	27 15 40 early tran ng down ç	55 31 56 splanting grading p	25 50 37 s. Good v roduce to	20 19 7 veight. Easy Class 2.	590 277 499 to see, cut and	0 0 0 bag.	134 222 166	
Tezier Triomphant Slightly knobb Later transplar Syngenta	39B 39C 39D ly curds w ting heav 40A	6.12 11.11 23.11 ith small v ier and les 11.12	11.12 20.11 4.12 white brac ss bractin 15.1	2.1 26.11 2.1 :ts in the g. Bractir 22.1	27 15 40 early tran ng down g 42	55 31 56 splanting grading pl 70	25 50 37 s. Good v roduce to 10	20 19 7 veight. Easy Class 2. 20	590 277 499 to see, cut and 751	0 0 0 bag.	134 222 166 54	
Tezier Triomphant Slightly knobb Later transplar	39B 39C 39D y curds w ting heav 40A 40B	6.12 11.11 23.11 ith small v ier and les 11.12 22.1	11.12 20.11 4.12 white brac ss bractin 15.1 1.2	2.1 26.11 2.1 2ts in the g. Bractin 22.1 5.2	27 15 40 early tran ng down g 42 14	55 31 56 splanting prading pl 70 65	25 50 37 s. Good v roduce to 10 15	20 19 7 veight. Easy Class 2. 20 20	590 277 499 to see, cut and 751 697	0 0 0 bag. 0 0	134 222 166 54 80	
Tezier Triomphant Slightly knobb Later transplar Syngenta	39B 39C 39D ly curds w nting heav 40A 40B 40C	6.12 11.11 23.11 ith small v ier and les 11.12 22.1 4.12	11.12 20.11 4.12 white brac ss bractin 15.1 1.2 21.12	2.1 26.11 2.1 :ts in the g. Bractin 22.1 5.2 11.1	27 15 40 early tran ng down g 42 14 38	55 31 56 splanting rading p 70 65 81	25 50 37 s. Good v roduce to 10 15 6	20 19 7 veight. Easy Class 2. 20 20 13	590 277 499 to see, cut and 751 697 721	0 0 bag. 0 0 0	134 222 166 54 80 28	
Tezier Triomphant Slightly knobb Later transplar Syngenta ALPEN	39B 39C 39D ly curds w nting heav 40A 40B 40C 40D	6.12 11.11 23.11 ith small v ier and les 11.12 22.1 4.12 15.1	11.12 20.11 4.12 white brace ss bractin 15.1 1.2 21.12 18.1	2.1 26.11 2.1 :ts in the g. Bractir 22.1 5.2 11.1 29.1	27 15 40 early tran og down g 42 14 38 14	55 31 56 splanting prading pr 70 65 81 69	25 50 37 s. Good v roduce to 10 15 6 13	20 19 7 veight. Easy Class 2. 20 20 13 18	590 277 499 to see, cut and 751 697 721 610	0 0 0 0 0 0 0 0 0	134 222 166 54 80 28 55	
Tezier Triomphant Slightly knobb Later transplar Syngenta ALPEN Upright frame.	39B 39C 39D y curds w ting heav 40A 40B 40C 40D Solid curd	6.12 11.11 23.11 ith small v ier and les 11.12 22.1 4.12 15.1 Is. Easy to	11.12 20.11 4.12 white brac ss bractin 15.1 1.2 21.12 18.1 o see, cut	2.1 26.11 2.1 2ts in the g. Bractin 22.1 5.2 11.1 29.1 and bag.	27 15 40 early tran ng down g 42 14 38 14 Uniform.	55 31 56 splanting prading pi 70 65 81 69 Much lar	25 50 37 s. Good v roduce to 10 15 6 13 ger curds	20 19 7 veight. Easy Class 2. 20 20 13 18 from wider	590 277 499 to see, cut and 751 697 721 610 spacing and ear	0 0 0 0 0 0 0 0 0	134 222 166 54 80 28 55	
Tezier Triomphant Slightly knobb Later transplar Syngenta ALPEN	39B 39C 39D y curds w ting heav 40A 40B 40C 40D Solid curd	6.12 11.11 23.11 ith small v ier and les 11.12 22.1 4.12 15.1 Is. Easy to	11.12 20.11 4.12 white brac ss bractin 15.1 1.2 21.12 18.1 o see, cut	2.1 26.11 2.1 2ts in the g. Bractin 22.1 5.2 11.1 29.1 and bag.	27 15 40 early tran ng down g 42 14 38 14 Uniform.	55 31 56 splanting prading pi 70 65 81 69 Much lar	25 50 37 s. Good v roduce to 10 15 6 13 ger curds	20 19 7 veight. Easy Class 2. 20 20 13 18 from wider	590 277 499 to see, cut and 751 697 721 610 spacing and ear	0 0 0 0 0 0 0 0 0	134 222 166 54 80 28 55	

TIME OF PLANTING AND SPACING TRIAL

<u> 2006 - 07</u>

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- B 8580/Acre Transplanted 17 July 2006
- D 7096/Acre Transplanted 17 July 2006

TIME OF PLANTING AND SPACING TRIAL

<u>2006 - 07</u>

C 7096/Acre Transplanted 6 July 2006 D 7096/Acre Transplanted 1 July 2006 VARIETY PLOT CUTTING PERIOD DAYS Class Class Unmkt Facepack Class 1 Crates/Acre Class 1 Crates/Acre Crates/Acre 1 2 Class 1 Crates/Acre Nickerson 50A 12.2 12.2 25 65 20 15 697 0 107 Zwaan 50B 29.1 12.2 12.2 28 56 19 25 499 0 83 OURASIS 50C 15.1 5.2 12.2 28 75 25 0 665 0 111 Some very good Facepack material. A few smallplants/curds. Will turn off white if not cut every 3 or 4 days. 6 Generally not a lot of difference between planting dates and spacings. 6 14 17 6 35 5 644 0 187 Otset 51B 22.1 1.2 <th></th> <th>A 8580//</th> <th>Acre Tra</th> <th>insplanted</th> <th>d 6 July 2</th> <th>2006</th> <th>В</th> <th>8580/Ac</th> <th>re Trans</th> <th>splanted</th> <th>17 July 2</th> <th>2006</th> <th></th> <th></th>		A 8580//	Acre Tra	insplanted	d 6 July 2	2006	В	8580/Ac	re Trans	splanted	17 July 2	2006			
1 2 Class 1 Crates/Acre Crates/Acre 10% 50% 90% % % % 8 6 16 Nickerson 50A 18.1 29.1 12.2 25 65 20 15 697 0 107 Zwaan 50B 29.1 12.2 19.2 21 65 15 20 697 0 80 OURASIS 50D 15.1 5.2 12.2 28 56 19 25 499 0 83 Some very good Facepack material. A few smallplants/curds. Will turn off whitel f not cut every 3 or 4 days. 111 Generally not a lot of difference between planting dates and spacings. 1							D	7096/Ac		•					
Image: Non-state index in the image index in the image index	VARIETY						Class	Class	Unmkt		Facepac	k	Class 2		
10% 50% 90% % % % % % % 8 6 16 Nickerson 50A 18.1 29.1 12.2 25 65 20 15 697 0 107 Zwaan 50B 29.1 12.2 19.2 21 65 15 20 697 0 80 OURASIS 50C 15.1 25.1 12.2 28 56 19 25 499 0 83 Some very good Facepack material. A few smallplants/curds. Will turn off white if not cut every 3 or 4 days. 6665 0 111 Generally not a lot of difference between planting dates and spacings.							1	2			Class 1				
Nickerson 50A 18.1 29.1 12.2 25 65 20 15 697 0 107 Zwaan 50B 29.1 12.2 19.2 21 65 15 20 697 0 107 OURASIS 50C 15.1 25.1 12.2 28 56 19 25 499 0 83 Some very good Facepack material. A few smallplants/curds. Will turn off white if not cut every 3 or 4 days. Generally not a lot of difference between planting dates and spacings. Image: constraint of the symptotic		-										Crates/A			
Zwaan 50B 29.1 12.2 19.2 21 65 15 20 697 0 80 OURASIS 50C 15.1 25.1 12.2 28 56 19 25 499 0 83 Some very good Facepack material. A few smallplants/curds. Will turn off white if not cut every 3 or 4 days. 0 665 0 111 Generally not a lot of difference between planting dates and spacings. 0 35 5 644 0 187 Tozer 51A 15.1 22.1 1.2 17 60 35 5 644 0 187 Tozer 51A 15.1 22.1 1.2 17 60 35 5 644 0 187 1018 51B 22.1 1.2 17 60 15 25 643 0 80 Very good Facepack material. Uniform. Easy to see, cut and pack. Good curd protection. Good weigh. Strong frame. Overall slightly better than 1008. Some small plant/curds especially in the later transplantings. 107 <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>•</td> <td></td> <td></td>		_									-	•			
OURASIS 50C 15.1 25.1 12.2 28 56 19 25 499 0 83 Some very good Facepack material. A few smallplants/curds. Will turn off white if not cut every 3 or 4 days. 665 0 111 Generally not a lot of difference between planting dates and spacings. Image: Constraint of the image is the ima								_	-			•	_		
50D 15.1 5.2 12.2 28 75 25 0 665 0 111 Some very good Facepack material. A few smallplants/curds. Will turn off white if not cut every 3 or 4 days. Generally not a lot of difference between planting dates and spacings. Tozer 51A 15.1 22.1 1.2 17 60 35 5 644 0 187 1018 51B 22.1 2.2.1 1.2 17 60 35 5 644 0 187 1018 51B 22.1 1.2 17 60 15 25 643 0 80 51D 22.1 1.2 12.2 21 75 6 19 665 0 28 Very good Facepack material. Uniform. Easy to see, cut and pack. Good curd protection. Good weigh. Strong frame. 0 28 Overall slightly better than 1008. Some small plant/curds especially in the later transplantings. 60 107 33411								-	-			0			
Some very good Facepack material. A few smallplants/curds. Will turn off white if not cut every 3 or 4 days. Generally not a lot of difference between planting dates and spacings. Tozer 51A 15.1 22.1 1.2 17 60 35 5 644 0 187 1018 51B 22.1 22.1 1.2 17 60 35 5 644 0 187 1018 51B 22.1 2.2 14 60 15 25 643 0 80 51D 22.1 1.2 12.2 33 75 12 13 610 74 55 51D 22.1 1.2 12.2 21 75 6 19 665 0 28 Very good Facepack material. Uniform. Easy to see, cut and pack. Good curd protection. Good weigh. Strong frame. Overall slightly better than 1008. Some small plant/curds especially in the later transplantings. Image: Clause/Tezier 52A 5.2 12.2 10 75 20 5 804 0 107	OURASIS		15.1	-		-		-	25		499	0			
Generally not a lot of difference between planting dates and spacings. Image: Colspan="6">Image: Colspan="6" Colspan="6">Image: Colspan="6" Colspa=						-			-			0	111		
Tozer 51A 15.1 22.1 1.2 17 60 35 5 644 0 187 1018 51B 22.1 29.1 5.2 14 60 15 25 643 0 80 51C 10.1 18.1 12.2 33 75 12 13 610 74 55 51D 22.1 1.2 12.2 21 75 6 19 665 0 28 Very good Facepack material. Uniform. Easy to see, cut and pack. Good curd protection. Good weigh. Strong frame. Overall slightly better than 1008. Some small plant/curds especially in the later transplantings. Image: Clause/Tezier 52A 5.2 12.2 15.2 10 75 20 5 804 0 107 33411 52B 12.2 15.2 10 75 20 5 804 0 107 33411 52B 12.2 15.2 19.2 14 82 0 18 678 70								off white i	f not cut e	very 3 or	4 days.				
1018 51B 22.1 29.1 5.2 14 60 15 25 643 0 80 51C 10.1 18.1 12.2 33 75 12 13 610 74 55 51D 22.1 1.2 12.2 21 75 6 19 665 0 28 Very good Facepack material. Uniform. Easy to see, cut and pack. Good curd protection. Good weigh. Strong frame. Overall slightly better than 1008. Some small plant/curds especially in the later transplantings. Image: Clause/Tezier 52A 5.2 12.2 10 75 20 5 804 0 107 33411 52B 12.2 15.2 26.2 14 72 11 17 775 0 60 52C 5.2 15.2 19.2 14 82 0 18 678 70 0 52D 5.2 15.2 19.2 14 82 0 18 678 70 0 <th co<="" th=""><td>Generally not a</td><td>lot of diff</td><td>erence be</td><td>etween pla</td><td>anting dat</td><td>tes and s</td><td>pacings.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th>	<td>Generally not a</td> <td>lot of diff</td> <td>erence be</td> <td>etween pla</td> <td>anting dat</td> <td>tes and s</td> <td>pacings.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Generally not a	lot of diff	erence be	etween pla	anting dat	tes and s	pacings.							
1018 51B 22.1 29.1 5.2 14 60 15 25 643 0 80 51C 10.1 18.1 12.2 33 75 12 13 610 74 55 51D 22.1 1.2 12.2 21 75 6 19 665 0 28 Very good Facepack material. Uniform. Easy to see, cut and pack. Good curd protection. Good weigh. Strong frame. Overall slightly better than 1008. Some small plant/curds especially in the later transplantings. Image: Clause/Tezier 52A 5.2 12.2 10 75 20 5 804 0 107 33411 52B 12.2 15.2 26.2 14 72 11 17 775 0 60 52C 5.2 15.2 19.2 14 82 0 18 678 70 0 52D 5.2 15.2 19.2 14 82 0 18 678 70 0 <th co<="" th=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th>	<td></td>														
51C 10.1 18.1 12.2 33 75 12 13 610 74 55 51D 22.1 1.2 12.2 21 75 6 19 665 0 28 Very good Facepack material. Uniform. Easy to see, cut and pack. Good curd protection. Good weigh. Strong frame. Overall slightly better than 1008. Some small plant/curds especially in the later transplantings. Clause/Tezier 52A 5.2 12.2 10 75 20 5 804 0 107 33411 52B 12.2 15.2 10 75 20 5 804 0 107 33411 52B 12.2 15.2 26.2 14 72 11 17 775 0 60 52C 5.2 5.2 19.2 14 82 0 18 678 70 0 Very Good Facepack materialTwisted leaf over curd. Slightly wide base. Not easy to pack into tray. Uniform. Few defects Tozer 53A 5.2 19.2		-	-						-			v	-		
51D 22.1 1.2 12.2 21 75 6 19 665 0 28 Very good Facepack material. Uniform. Easy to see, cut and pack. Good curd protection. Good weigh. Strong frame. . . Overall slightly better than 1008. Some small plant/curds especially in the later transplantings. . . Clause/Tezier 52A 5.2 12.2 15.2 10 75 20 5 804 0 107 33411 52B 12.2 15.2 26.2 14 72 11 17 775 0 60 52C 5.2 5.2 12.2 7 93 7 0 721 148 28 52D 5.2 15.2 19.2 14 82 0 18 678 70 0 Very Good Facepack material wisted leaf over curd. Slightly wide base. Not easy to pack into tray. Uniform. Few defcts	1018	-		_				-	-			•			
Very good Facepack material. Uniform. Easy to see, cut and pack. Good curd protection. Good weigh. Strong frame. Overall slightly better than 1008. Some small plant/curds especially in the later transplantings. Image: Content of the later transplanting in the later tra												74			
Overall slightly better than 1008. Some small plant/curds especially in the later transplantings. Image: Some small plant/curds especially in the later transplantings. Clause/Tezier 52A 5.2 12.2 15.2 10 75 20 5 804 0 107 33411 52B 12.2 15.2 26.2 14 72 11 17 775 0 60 52C 5.2 5.2 12.2 7 93 7 0 721 148 28 52D 5.2 15.2 19.2 14 82 0 18 678 70 0 Very Good Facepack materialTwisted leaf over curd. Slightly wide base. Not easy to pack into tray. Uniform. Few defects Image: materialTwisted leaf over curd. Slightly wide base. Not easy to pack into tray. Uniform. Few defects Tozer 53A 5.2 19.2 22.2 7 52 29 19 562 0 113 2017 53B 15.2 19.2 22.2 7 52 29 19 562								-				•	28		
Clause/Tezier 52A 5.2 12.2 15.2 10 75 20 5 804 0 107 33411 52B 12.2 15.2 26.2 14 72 11 17 775 0 60 52C 5.2 5.2 12.2 19.2 14 82 0 18 678 70 0 52D 5.2 15.2 19.2 14 82 0 18 678 70 0 Very Good Facepack materialTwisted leaf over curd. Slightly wide base. Not easy to pack into tray. Uniform. Few defects											gh. Strong	g frame.			
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33411 52B 12.2 15.2 26.2 14 72 11 17 775 0 60 52C 5.2 5.2 12.2 7 93 7 0 721 148 28 52D 5.2 15.2 19.2 14 82 0 18 678 70 0 Very Good Facepack materialTwisted leaf over curd. Slightly wide base. Not easy to pack into tray. Uniform. Few defects															
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52D 5.2 15.2 19.2 14 82 0 18 678 70 0 Very Good Facepack materialTwisted leaf over curd. Slightly wide base. Not easy to pack into tray. Uniform. Few defects Tozer 53A 5.2 19.2 22.2 17 53 21 26 564 0 113 2017 53B 15.2 19.2 22.2 7 52 29 19 562 0 153 53C 5.2 19.2 21.2 14 56 44 0 499 0 194 53D 12.2 15.2 19.2 7 50 31 19 444 0 139	33411					14		11	17			-			
Very Good Facepack materialTwisted leaf over curd. Slightly wide base. Not easy to pack into tray. Uniform. Few defects Tozer 53A 5.2 19.2 22.2 17 53 21 26 564 0 113 2017 53B 15.2 19.2 22.2 7 52 29 19 562 0 153 53C 5.2 12.2 19.2 14 56 44 0 499 0 194 53D 12.2 15.2 19.2 7 50 31 19 444 0 139						7		,	-				28		
Tozer 53A 5.2 19.2 22.2 17 53 21 26 564 0 113 2017 53B 15.2 19.2 22.2 7 52 29 19 562 0 153 53C 5.2 12.2 19.2 14 56 44 0 499 0 194 53D 12.2 15.2 19.2 7 50 31 19 444 0 139		-		-	-			-					v		
2017 53B 15.2 19.2 22.2 7 52 29 19 562 0 153 53C 5.2 12.2 19.2 14 56 44 0 499 0 194 53D 12.2 15.2 19.2 7 50 31 19 444 0 139	Very Good Fac	epack ma	terialTwis	ted leaf o	ver curd.	Slightly v	vide base	. Not eas	y to pack i	nto tray.	Uniform.	Few defec	cts		
2017 53B 15.2 19.2 22.2 7 52 29 19 562 0 153 53C 5.2 12.2 19.2 14 56 44 0 499 0 194 53D 12.2 15.2 19.2 7 50 31 19 444 0 139															
53C 5.2 12.2 19.2 14 56 44 0 499 0 194 53D 12.2 15.2 19.2 7 50 31 19 444 0 139			-	-					-			•	-		
53D 12.2 15.2 19.2 7 50 31 19 444 0 139	2017					-						0			
									-			-			
Loose leaves over curd. Difficult to see the curd. Will turn off white. Some small framedplants/curds.						1		-				0	139		
	Loose leaves o	ver curd.	Difficult to	o see the	curd. Will	turn off	white. Sor	ne small	framedpla	nts/curds	5 .				

TIME OF PLANTING AND SPACING TRIAL

<u>2006 - 07</u>

Facepack

B 8580/Acre Transplanted 17 July 2006

A 8580/Acre Transplanted 6 July 2006 © 2009 Agriculture and the stranger of th VARIETY PLOT

D 7096/Acre Transplanted 17 July 2006 CUTTING PERIOD DAYS Class Class Unmkt

Class 2

	<u>TIME OF</u> A 8580/ C 7096/	Acre Tra		d 6 July 2	2006	B D	8580/Ac 7096/Ac		2006 - 07 splanted splanted	17 July 2			
VARIETY	PLOT				DAYS		Class	Unmkt	spiantea	Facepac		Class 2	
	_	_	-	-	_	1	2			Class 1			
											Crates/A	cre	
		10%	50%	90%		%	%	%		8	6	16	
Tozer	62A	26.2	26.2	1.3	3	85	5	10		804	143	27	
2042	62B	26.2	1.3	5.3	7	74	11	15		734	75	56	
	62C	26.2	26.2	1.3	3	94	0	6		610	296	0	
	62D	26.2	1.3	1.3	1	88	6	6		554	296	28	
Jniform. Wide	base to cu	ird. Few c	lefects. E	asy to see	e and cut	. Clean lea	af. Slightly	/ domed s	haped cu	rd. Dark	leaf.		
Syngenta	63A	22.2	5.3	12.3	18	90	0	10		965	0	0	
Broden	63B	1.3	5.3	12.3	11	75	10	15		804	0	54	
	63C	26.2	1.3	12.3	14	69	13	18		610	0	55	
	63D	26.2	8.3	12.3	14	81	6	13		665	74	28	
Good solid cur							Better at	the wider	spacing.	Good Fa	cepack n	naterial.	
A few plants w	ith leaf sco	orch. Few	other def	ects. Fair	'ly unifori	<u>n.</u>							
0	0.4.4	00.0	4.0	0.0	10	00		4.5		050		07	
Seminis	64A	26.2	1.3	8.3	10	80	5	15		858	0	27	
Trewint	64B	26.2	1.3	8.3	10	90	0	10		912	72	0	
	64C	22.2	1.3	1.3	7	88	0	12		721	74	0	
	64D	26.2	1.3	1.3	3	75	0	25		665	0	0	
Very good Fac	epack mat	eriai. Uni	iorm. Eas	y to see, (cut and p	ack. Very	Tew defec	<u>cis. A tew</u>	small pla	nts/curds	I	<u> </u>	
Clause/Tezier	65A	1.3	8.3	12.3	11	75	5	20		536	358	27	
Siause/ i ezlel	65A 65B	8.3	8.3	12.3	4	90	5	20 5		804	214	27	
	65C	28.2	5.3	8.3	8	100	0	0		776	148	0	
	65C	5.3	5.3 8.3	0.3 12.3	0 7	94	0	6		554	296	0	
Very tight leaf				-		•	ÿ	•	l Ill produc			•	
very light leaf			GUUU Fa	cepack III			ie Dase (0			e large ci	urus. rev 		
												+ +	
							•						

A 8580/Acre Transplanted 6 July 2006 C 7096/Acre Transplanted 6 July 2006

DAYS Class

Class²¹ 2

7096/Acre

Unmkt

Transplanted 17 July 2006

Facepack

Class 1

D

1

Class 2

	TIME OF	PLANTING	G AND SP	ACING TE	RIA <u>L</u>			<u> 2006 - 07</u>						
	A 8580/Acre Transplanted 6 July 2006						8580/Ac	re Trans		17 July 2	006			
	C 7096/	D	7096/Ac			17 July 2				1				
VARIETY	PLOT	CUT	TING PEF	RIOD	DAYS	Class	Class	Unmkt		Facepac	k	Class 2		
	i					1	2			Class 1			• -	1
						-	-	-	-		Crates/A			
		10%	50%	90%		%	%	%		8	6	16		
Elsoms	74A	1.3	8.3	19.3	18	80	5	15		858	0	27		
Mystique	74B	5.3	12.3	19.3	14	90	0	10		965	0	0		
	74C	1.3	8.3	12.3	11	69	25	6		554	74	111		
	74D	5.3	8.3	12.3	7	81	0	19		554	222	0		
Uniform. Easy	to see, cut	t and bag.	Looks ge	ood in tra	y. Very g	ood Face	pack mate	erial. Very	few defe	<u>cts. Quick</u>	<u>k heading</u>	period.		
		1.0	0.0	10.0	4.4	0.0	10	10		0.50				
Elsoms	75A	1.3	8.3	12.3	11	80	10	10		858	0	0		
Twilight	75B	5.3	12.3	15.3	10	70	15	15		751	0	80		
	75C	28.2	8.3	12.3	12	88	6	6		776	0	28		
	75D	5.3	8.3	15.3	10	100	0	0	unde Cer	887	0	0	<u>Ale e unide a care e la c</u>	
Good Facepac	k material.	Easy to s	see, cut a	па раск.	rew dete	CIS. A Tew	/ smail pia	ints and c	uras. Son	ne deep c I	uras. ver	y good at	the wider spaci	<u>ig.</u>
Tozer	76A	1.3	5.3	8.3	7	65	5	30		697	0	27		
2038	76A 76B	5.3	8.3	12.3	7	65	5	30		697	0	27		
2030	76D	19.2	1.3	8.3	17	81	6	13		665	74	27		
	76D	1.3	1.3	8.3	7	82	6	12		610	148	28		
Well protected	-	-	-		•		•	• –	acepack r		-			
	Well protected curd. Upright frame. Easy to see, cut and bag. Medium depth. Very Good Facepack material. Dark green leaf. Much better at the wider spacing.													
		opolonig.												
Elsoms	77A	1.3	5.3	8.3	7	70	5	25		697	72	27		
Isadora	77B	5.3	8.3	12.3	7	75	5	20		804	0	27		
	77C	26.2	1.3	8.3	10	100	0	0		776	148	0		
	77D	5.3	8.3	8.3	3	94	0	6		832	28	0		
Very good Facepack material. Clean slightly crinkled leaf. Easy to see, cut and bag. Looks very good in tray. Good shape.														
Better at the w	ider spaci	ng												
	TIME OF					-		_	<u>2006 - 07</u>					
	A 8580/					B	8580/Ac			17 July 2				
				C 7096/Acre Transplanted 6 July 2006 D 7096/Acre Transplanted 17 July 2006										

Class²²

1

2

Unmkt

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	ICUITUICUTATING OPERIOD ara	
		01033

Class 2

Facepack

Class 1

	TIME OF PLANTING AND SPACING TRIAL A 8580/Acre Transplanted 6 July 2006						<u>2006 - 07</u> B 8580/Acre Transplanted 17 July 2006						
	2006	D	7096/Acr			17 July 2							
VARIETY	PLOT		TTING PER		DAYS	Class	Class	Unmkt		Facepack		Class 2	1
						1	2		l l	Class 1			
							·		Crates/A				
	!	10%	50%	90%		%	%	%		8	6	16	12
Vilmorin	86A	1.3	12.3	22.3	21	85	5	10		858	72	27	0
6322	86B	12.3	19.3	29.3	17	95	0	5		1018	0	0	0
	86C	28.2	12.3	15.3	15	88	0	12		776	0	0	0
	86D	12.3	15.3	19.3	7	93	0	7		665	222	0	0
Paler inner leaf. Uniform. Very good Facepack material. Medium/deep curds. Few defects. Easy to see, cut and bag.													
Elsoms	87A	12.4	16.4	16.4	4	85	5	10		858	72	27	0
Nomad	87B	12.4	16.4	16.4	4	55	10	35		590	0	54	0
	87C	2.4	12.4	16.4	14	82	0	18		665	74	0	0
	87D	9.4	12.4	16.4	7	69	6	25		449	148	28	0
	Deep solid curds. Heavy well protected curds. Few defects. 18% of plants with collapsed stumps (not typical of variety). Looks very good in tray.												
Very good Fac							<u> </u>						
Nickerson	88A	15.3	29.3	2.4	18	85	5	10		751	143	27	0
Zwaan	88B	26.3	2.4	5.4	10	94	0	6		832	0	0	0
Taranis	88C	15.3	26.3	29.3	14	94	0	6		721	148	0	0
	88D	19.3	26.3	2.4	14	81	6	13		665	74	28	0
Large frame. S	lightly wid	e base to	curds. Ur	niform. M	edium de	pth curds	. Very few	/ defects. '	Very goo	d Facepac	ck materia	al.	
	\square			í <u> </u>			· [
Seminis	89A	29.3	2.4	9.4	11	92	0	8	í — — —	901	114	0	0
Trenale	89B	29.3	5.4	9.4	11	85	5	10	Í	912	0	27	0
	89C	29.3	2.4	2.4	4	94	0	6	Ī	721	148	0	0
	89D	29.3	29.3	9.4	11	88	6	6		721	74	28	0
Uniform. Very	Uniform. Very good Facepack material. Good curd cover. Looks very good in tray. Dark green leaf. Easy to cut and bag.												
Seminis	90A	2.4	2.4	5.4	3	45	10	45	Í	483	0	54	0
Albino	90B	2.4	5.4	12.4	10	30	15	55	i i	322	0	80	0
	90C	29.3	2.4	9.4	11	63	6	31	Í	554	0	28	0
	90D	2.4	2.4	9.4	7	63	6	31	Í	554	0	28	0
A high % of sm	all curds.	Very tall	frame. Kn	obbly cur	ds. Some) multi ste	emmed/he	ads. Sligh	tly better	at the wic	ler spaci	ng.	