

**Project title:** Field Vegetables: An evaluation of autumn/winter cauliflower, spring cabbage cultivars and other winter Brassica crops.

**Project number:** FV 202d

**Project leader:** Bill Herring, Duchy College

**Report:** Final report May 2010

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**Location of project:** Trevarnon Farm, Gwithian, Cornwall.

**Industry representative:** Ellis Luckhurst

**Date project commenced:** 1<sup>st</sup> April 2009

**Date project completed (or expected completion date):** 30<sup>th</sup> May 2010

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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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## Grower summary

### Headline

Some of the new Autumn and Winter cauliflower cultivars could increase income by £592/Ha where Grade 1 product is 10% above standard cultivars based on 19760 plants/Hectare (8000/Acre).

### Background

Duchy College working in partnership with six National seed houses and local growers have carried out the evaluation of commercially available Autumn, Winter Cauliflower and Spring greens cultivars over the past 13 years. Initially introduced into the confidential/screening trials and then within the commercially available trials, each cultivar has been recorded and evaluated year on year. With advances in plant breeding, new cultivars being introduced and these need to be evaluated alongside current and established varieties in order to improve yields and quality of produce.

### Results

The following cultivars are of most interest to the industry. These have performed well during 2009 – 10, however results over several seasons will need to be considered when selecting cultivars for production. Full information on all the varieties can be found in the 'Full Trial Report'.

Comments on curd protection, disease, uniformity, suitability for various markets, defects and ease of harvesting are found in the Full Trial Report in the Appendices.

### Autumn Cauliflower      Top performing cultivars

Seed House	Cultivar	% Class 1	Trays/Hectare (Acre)	Heading period
Clause	Naruto	88	2823 (1143)	26.10.09 – 05.11.09
Elsoms	Sante Fe	70	2265 (917)	26.10.09 – 05.11.09
Elsoms	Salou	71	2280 (923)	28.10.09 – 07.11.09
Syngenta	Cartier	79	2531 (1025)	29.10.09 – 15.11.09
Clause	Optimist	81	2692 (1090)	30.10.09 – 09.11.09

### Winter Cauliflower      Top performing cultivars.

Yields will vary as there were two transplanting dates and three different spacings for each cultivar within the Trials. Please refer to the Full Trial Report for more details.

Seed House	Cultivar	% Class 1	Trays/Hectare (Acre)	Heading period
Clause	Navalo	94	2482 (1005)	26.10.09 – 18.11.09
Seminis	RX 5965	100	2428 (983)	30.10.09 – 05.11.09
Seminis	Appia	88	2336 (946)	02.11.09 – 09.11.09
Clause	Diwan	93	2129 (862)	09.11.09 – 18.11.09
Seminis	RX 5982	81	2424 (983)	11.11.09 – 19.11.09
Seminis	RX 5981	86	2269 (919)	12.11.09 – 19.11.09
Elsoms	Belot	80	2119 (858)	12.11.09 – 23.11.09
Elsoms	Maginot	83	1689 (684)	18.11.09 – 26.11.09
Syngenta	Lorien	86	2269 (919)	18.11.09 – 30.11.09
Clause	CHF 08-29	80	2119 (858)	23.11.09 – 10.12.09
Clause	Galiote	87	2353 (953)	23.11.09 – 17.12.09
Seminis	RX 5978	93	2460 (996)	30.11.09 – 03.12.09
Clause	Triomphant	75	1985 (804)	30.11.09 – 17.12.09
Clause	Hermine	79	1721 (697)	07.12.09 – 29.12.09
Clause	CLX 33821	57	1515 (613)	04.01.10 – 28.01.10
Syngenta	Alpen	64	1701 (689)	25.01.10 – 11.02.10
Clause	Brick	81	2151 (871)	01.02.10 – 01.03.10
Tozer	1008	75	1985 (804)	15.02.10 – 03.03.10
Syngenta	Arkwright	83	1583 (641)	18.02.10 – 04.03.10
Syngenta	Canten	87	2353 (953)	18.02.10 – 08.03.10
Seminis	Tintagel	75	1985 (804)	01.03.10 – 15.03.10
Semins	RX 5697	81	2151 (871)	03.03.10 – 15.03.10
Clause	Redoutable	81	2151 (871)	03.03.10 – 15.03.10
Elsoms	Medaillon	75	2040 (836)	04.03.10 – 29.03.10
Tozer	2038	86	2457 (995)	04.03.10 – 25.03.10
Nickerson	Dionis	93	2482 (1005)	08.03.10 – 18.03.10
Nickerson	AB 1036	88	2428 (983)	15.03.10 – 22.03.10
Seminis	Trewint	88	2316 (938)	15.03.10 – 22.03.10
Syngenta	Clemen	93	2482 (1005)	15.03.10 – 22.03.10
Clause	Fleet	100	2242 (908)	18.03.10 – 29.03.10
Clause	Matelot	100	2860 (1158)	22.03.10 – 29.03.10
Elsoms	Capulet	87	2297 (930)	22.03.10 – 08.04.10
Clause	Mascaret	87	2316 (938)	25.03.10 – 05.04.10
Clause	Marsouin	93	2536 (1027)	25.03.10 – 08.04.10
Elsoms	Madiot	94	2482 (1005)	25.03.10 – 08.04.10
Syngenta	Broden	80	2119 (858)	29.03.10 – 08.04.10
Seminis	Cadal	75	1985 (804)	29.03.10 – 08.04.10
Elsoms	Isadora	93	2472 (1001)	29.03.10 – 05.04.10
Syngenta	Ciren	100	2647 (1072)	01.04.10 – 08.04.10
Syngenta	Charif	86	2525 (1022)	05.04.10 – 19.04.10
Syngenta	Danden	88	2316 (938)	08.04.10 – 15.04.10
Elsoms	Invicta	100	2329 (943)	12.04.10 – 15.04.10
Tozer	2063	81	2151 (871)	15.04.10 – 22.04.10
Nickerson	Vedis	88	2336 (946)	15.04.10 – 22.04.10
Elsoms	Tempest	92	2032 (823)	15.04.10 – 19.04.10
Syngenta	CFL 4717	81	2151 (871)	19.04.10 – 26.04.10
Seminis	RX 5370	87	2297 (930)	19.04.10 – 26.04.10
Elsoms	Vogue	87	2297 (930)	22.04.10 – 26.04.10
Seminis	Trenale	80	2473 (858)	19.04.10 – 26.04.10
Syngenta	Darwin	94	2509 (1016)	29.04.10 – 03.05.10

## Spring Green cultivars

Seed House Cultivar	Comments	Transplanting Date	Harvest dates	Pack out yield Trays/Acre (10 bags x 550grams)
Sakata Kempsey	Uniform. Small frame. Good greens.	15.09.09	14.03.10	748
			16.04.10	895
Tozer Wintergreen	Crinkled leaf type. Variable size greens. Dark green leaf.	15.09.09	14.03.10	750
			16.04.10	860
Seminis Winter Special	Uniform. Will heart up High yield. Good greens. Few defects.	15.09.09	14.03.10	910
			16.04.10	1052
Duchy	Compact. Uniform. Smooth leaf. Good greens. Will heart up.	15.09. 09	14.03.10	865
			16.04.10	923

The trials were undertaken at Trevarnon Farm, Gwithian, Cornwall. The soil type on the farm was a sandy clay loam. The site is south facing and is part of a farm rotation based around Brassicas, cereals and grass break crops. The farm has traditionally grown Brassica crops supplying both the multiple and local markets. The trial itself is treated as a commercial crop undergoing similar field operations as the commercially grown crops.

### Main conclusions

All of the cultivars that have performed well during 2009 – 10 are commercially available to growers, each with their own characteristics, traits and qualities. The large number of cultivars available enables growers to select suitable cultivars for their own production systems, which vary from farm to farm and area to area. The cultivars available ensure continuous supply complimenting each other throughout the production period. However there is a continuous need to improve output and quality especially in the production period between late December and early February where yields can be lower.

Trials have also been undertaken where a number of confidential cultivars from a range of seed companies have been assessed with some new named cultivars being introduced into the commercially available cultivar trials for 2010-11 and a number to follow in subsequent years.

# Full Trial Report

## Introduction

Working in partnership with a number of National seed-houses the Trials have enabled the evaluation of commercially available Autumn, Winter Cauliflower and Spring Green cultivars, in order that improved cultivars can be assessed alongside current and established cultivars in order to improve yields, quality of produce and continuity of supply.

The Autumn Cauliflower Trial compared established cultivars alongside new introductions for the heading period of early October to late November.

The main Winter Cauliflower Trial compares cultivars transplanted at three different spacing's in early and late July and provides detailed information on the advantages/disadvantages of staggered transplanting dates which is commercially practiced in order to maximize the potential of some cultivars. This Trial covers cultivars heading from late November through to May.

The Spring Greens Trial compares commercially grown hybrid cultivars transplanted alongside the traditional Wintergreen cultivar. These are then assessed for suitability as greens being harvested from late January to March depending on the cultivar and season. All cultivars transplanted as modules in early September 2009.

The Cauliflower Trials provide detailed information on each cultivar including:-

- Harvesting period. 10% 50% and 90% harvest dates.
- %Grade 1 , Grade 2 and unmarketable produce.
- Marketable yields.
- Comments on any defects, including disease tolerance especially for Xanthomonas and mildew, pest presence, and the suitability for the various market outlets.
- Evaluation on the ease of harvesting, packing, uniformity, depth and quality of curds.
- Comments on curd protection, leaf quality and crop growth.

*Varieties and numbered selections included*

The Autumn Cauliflower Trial consisted of 13 cultivars replicated twice, transplanted at 25315 plants/Ha (10249/acre). Transplanted on the 10<sup>th</sup> and 21<sup>st</sup> July 2009.

The Winter Cauliflower Trial consisted of 69 cultivars transplanted at 21192/Ha (8580/acre), 17527/Ha (7096/acre) and 15190/Ha (6150/acre). Transplanted on the 10 and 21<sup>rd</sup> July 2009.

The Spring Greens Trial compared 3 hybrid cultivars with the traditional Wintergreen cultivar. All from different seed houses.



## **LATE AUTUMN CAULIFLOWER VARIETY TRIAL**

**2009 - 10**

SPACING 34 X 18

10249 plants/Acre (25315/Ha)

4-row plots

Length of plot 40'6"

3' path

27 plants/row

Transplanted 10<sup>th</sup> July

\* Transplanted 21<sup>st</sup> July

<b>PLOT NO</b>	<b>SEEDHOUSE</b>	<b>VARIETY</b>
1	CLAUSE/TEZIER	NARUTO (CLX 33516)
2	CLAUSE/TEZIER	RAFALE
3*	CLAUSE/TEZIER	REGATA
4*	CLAUSE/TEZIER	INTREPID
5	CLAUSE/TEZIER	OPTIMIST
6	CLAUSE/TEZIER	MERIDIEN
7	SYNGENTA	CFL 4701
8	SYNGENTA	CARTIER
9	ELSOMS	SKYWALKER
10	ELSOMS	SALOU (BJ 2669)
11	ELSOMS	SANTE FE (BJ 2670)
12*	SEMINIS	RX 5937
13*	SEMINIS	RX 5609
14	CLAUSE/TEZIER	NARUTO (CLX 33516)
15	CLAUSE/TEZIER	RAFALE
16	CLAUSE/TEZIER	REGATA
17	CLAUSE/TEZIER	INTREPID
18	CLAUSE/TEZIER	OPTIMIST
19	CLAUSE/TEZIER	MERIDIEN
20	SYNGENTA	CFL 4701
21	SYNGENTA	CARTIER
22	ELSOMS	SKYWALKER
23	ELSOMS	SALOU (BJ 2669)
24	ELSOMS	SANTE FE (BJ 2670)
25*	SEMINIS	RX 5937
26*	SEMINIS	RX 5609

## **TIME OF PLANTING and SPACING TRIAL 2009 – 10**

Spacing's - 34 X 21.5" (8580/Acre)    34 x 26" (7096/Acre)    34 x 30" (6150/Acre)

### **TRANSPLANTING DATES**

**A plots - 10<sup>th</sup> July 2009**

**B plots - 21<sup>st</sup> July 2009**

<b>Plot No</b>	<b>SEED HOUSE</b>	<b>VARIETY</b>	<b>HEADING PERIOD</b>
27	SEMINIS	APPIA	November
28	CLAUSE/TEZIER	NAVALO (CLX 33514)	November
29	SEMINIS	RX 5965	November
30	SEMINIS	RX 5981	November
31	CLAUSE/TEZIER	DIWAN (CLX 33515)	Late Nov/December
32	NICKERSON-ZWAAN	AB 9024	Early December
33	CLAUSE/TEZIER	GALIOTE	Early December
34	NICKERSON-ZWAAN	CENDIS	Early December
35	CLAUSE/TEZIER	CHF 08-29	Early December
36	ELSOMS	BELOT	Early/mid December
37	SYNGENTA	DRAKE	Early/mid December
38	SYNGENTA	LORIEN	Early December
39	ELSOMS	MAGINOT	Mid December
40	CLAUSE/TEZIER	CLX 33609	Mid/Late December
41	TOZER	1001	Mid/Late December
42	CLAUSE/TEZIER	TRIOMPHANT	Mid/Late December
43	SYNGENTA	BUREN	Late December
44	SEMINIS	RX 5978	Late December
45	CLAUSE/TEZIER	CLX 33821	Late Dec/Early Jan
46	SEMINIS	RX 5982	Late Dec/Early Jan
47	CLAUSE/TEZIER	HERMINE	Late Dec/Early Jan
48	TOZER	1033	Mid January
49	SYNGENTA	ALPEN	Early January
50	SEMINIS	RX 5962	Early January

<b>Plot No</b>	<b>SEED HOUSE</b>	<b>VARIETY</b>	<b>HEADING PERIOD</b>
51	Nickerson-Zwaan	AB 1004	Mid January
52	TOZER	1034	Mid February
53	SYNGENTA	ARKWRIGHT	Early/Mid January
54	SEMINIS	RX 5697	Early/Mid January
55	TOZER	1018	Mid January
56	SEMINIS	TERMINELLO	Mid January
57	TOZER	1035	Late January
58	TOZER	1008	Mid/Late January
59	SEMINIS	TREKNOW	Mid/Late January
60	TOZER	1023	Mid/Late January
61	CLAUSE/TEZIER	BRICK	Late January
62	NICKERSON-ZWAAN	DIONIS	Late January
63	TOZER	1036	
64	CLAUSE/TEZIER	REDOUTABLE	Early February
65	SYNGENTA	BOULEN	Early/Mid Feb
66	SEMINIS	TINTAGEL	Mid February
67	SEMINIS	5738	Mid February
68	ELSOMS	MEDAILLON	Mid February
69	CLAUSE/TEZIER	MATELOT	Mid February
70	TOZER	2038	Late March
71	Syngenta	CANTEN (SG 4716)	Mid February
72	CLAUSE/TEZIER	FLEET	Mid February
73	NICKERSON-ZWAAN	AB 1036	Mid February
74	TOZER	2063	Mid April
75	SYNGENTA	BRODEN	Mid/Late February
76	SEMINIS	TREWINT	Mid/Late February
77	SYNGENTA	CLEMEN	Mid/Late February
78	CLAUSE/TEZIER	MASCARET	Mid/Late February
79	SEMINIS	CADAL	Mid/Late February
80	SYNGENTA	CIREN	Mid/Late February
81	ELSOMS	CAPULET (BJ 2713)	End February
82	Empty plot		

<b>Plot No</b>	<b>SEED HOUSE</b>	<b>VARIETY</b>	<b>HEADING PERIOD</b>
83	CLAUSE/TEZIER	MARSOUIN	Early March
84	ELSOMS	MADIOT	Early March
85	SYNGENTA	DANDEN	Early March
86	ELSOMS	MYSTIQUE	Mid March
87	NICKERSON-ZWAAN	KERNIS	Mid March
88	ELSOMS	ISADORA	Mid/Late March
89	ELSOMS	VOGUE	Mid/Late March
90	NICKERSON-ZWAAN	VEDIS (Vil 6322)	Late March
91	ELSOMS	TEMPEST	Late March
92	SYNGENTA	CHARIF	Late March
93	ELSOMS	INVICTA	Late March
94	SYNGENTA	CFL 4717	Late March/April
95	SYNGENTA	DARWIN	Early April
96	SEMINIS	RX5370	Early/Mid April
97	SEMINIS	TRENALE	Mid April

## **SPRING CABBAGE TRIALS 2009 – 10**

4 rows / variety          25cm spacing in row

Transplanted 15<sup>th</sup> September 2009 into good soil conditions. 300 of each cultivar.

Module grown transplants.

<b>SEED HOUSE</b>	<b>CULTIVAR</b>
SAKATA.	KEMPSY
NICKERSON	DUCHY
TOZER	WINTERGREEN
SEMINIS	WINTER SPECIAL

### *Trial site details*

The Trials have been undertaken at Trevarnon Farm, Gwithian, Cornwall by kind permission of Mr. J. Hosking and Son.

### *Production details*

#### **AUTUMN and WINTER CAULIFLOWER TRIALS**

<u>Fertiliser</u>	25.06.09	Base Dressing 494Kg/Ha (4cwt/Acre) 14.14.21
	09.08.09	Top Dressing 247Kg/Ha (2.0cwt/Acre) Calcium Nitrate
	25.08.09	Top Dressing 247Kg/Ha (1.5cwt/Acre) Extran
	28.10.09	Top Dressing 247Kg/Ha (2.0cwt/Acre) Calcium Nitrate

Weed control 23.07.09 Ramrod @ 3litres/Ha & Butisan 'S' 1.2 litres/Ha

<u>Pest/Disease control</u>		Wire netting prior to transplanting as rabbit control.
	23.07.09	Permasect C @ 250ml/Ha (Caterpillar control)
	05.09.09	Aphox @ 420Gms/Ha (Aphid control)
		Hallmark C @ 50 ml/Ha (Caterpillar control)
		Activator '90' in 300 Litres of water/Ha
	11.09.09	Slug pellets around headland
	09.11.09	Plover @ 300 ml/Ha
		Spartan @ 300ml/Ha in 300 Litres of water/Ha
	09.11.09	Mice bait around headlands.

#### Transplanting dates

Autumn Cauliflower Variety trial Plots 1 - 26 10<sup>th</sup> & 21<sup>st</sup> July  
Winter Cauliflower Spacing and Time of planting Trial Plots 27 – 97A&B 10<sup>th</sup> & 21<sup>st</sup> July  
All cauliflower grown from 316 module raised transplants.

## SPRING GREENS TRIAL

Transplanted 15<sup>th</sup> September into good conditions.

Weed control Inter row cultivations

Fertiliser Base Dressing 494Kg/Ha (4cwt/Acre) 14.14.21

Disease control 09.11.09 Plover @ 300 ml/Ha  
Spartan @ 300ml/Ha in 300 Litres of water/Ha

### *Trial design*

<b>BRASSICA TRIALS FIELD PLAN 2009 - 10</b>							
<b>AUTUMN</b>	<b>WINTER CAULIFLOWER VARIETIES</b>						
Autumn	Spacing	Spacing	Spacing	Spacing	Confidential plots		
Varieties	Time of Plan	Time of Plan	Time of Plan	Time of Planting			
	Transplanted	Transplanted	Transplanted	Transplanted			
	10.07.09	21.07.09	10.07.09	21.07.09			
Plots 25 - 26							
	59A - 62A	59B - 62B	95A - 97A	95B - 97B			233 - 240
Plots 21 - 24							
	55A - 58A	55B - 58B	91A - 94A	91B - 94B	105		
						119	
Plots 17 - 20	51A - 54A	51B - 54B	87A - 90A	87B - 90B	104	118	225 - 232
						117	
	47A - 50A	47B - 50B	83A - 86A	83B - 86B	103	116	
Plots 13 - 16						115	
	43A - 46A	43B - 46B	79A - 82A	79B - 82B	102	114	217 - 224
						113	
Plots 9 - 12	39A - 42A	39B - 42B	75A - 78A	75B - 78B	101	112	
						111	
	35A - 38A	35B - 38B	71A - 74A	71B - 74B	100	110	209 - 216
Plots 5 - 8						109	
	31A - 34A	31B - 34B	67A - 70A	67B - 70B	99	108	
						107	
Plots 1 - 4	27A - 30A	27B - 30B	63A - 66A	66B - 66B	98	106	201 - 208

Each plot consisting of 4 rows with the outer rows being guards. 50 plants of each cultivar recorded with harvesting occurring every Monday and Thursday throughout the harvesting period of the Trials. (October – May 09-10).

*Trial records and data collected*

Predominant weather conditions July 2009 – May 2010

Difficult transplanting conditions were experienced in July with only 8 days without rainfall and a rainfall of 221.8mms (8.9inches). This disrupted the later transplanting date which went in 5 days later than planned.

It continued wet in early August with 85.4 mms (3.4 inches) but then a period of 6 weeks of above average temperatures with minimal rainfall in September with only 35.4 mms (1.4 inches) ensured the early planted crops grew well however some of the late transplanted cultivars struggled to get established. Average day temperatures in September being 1.3C above the average.

Rainfall in October was 81.9mm (3.2 inches) just below the average; however average day temperatures were almost 2C higher than normal in October. This resulted in some white bracting in the early Winter cauliflower cultivars.

Mixed weather in November and December saw the cultivars ahead of harvesting schedule by up to three weeks however cold dry weather in January with ground frosts down to a low of -6.8C resulted in some plant and curd damage with yields below the norm. Mild weather from late February onwards ensured high quality and yields through to the final harvest in early May with all cultivars performing well despite the earlier cold spell.

For each Autumn and Winter Cauliflower cultivar the following record sheet is completed at each harvest and on completion of harvesting summaries are made of all data collected supported by visual observations as appropriate. These to be found in the Full Trial report in the Appendices.

**CAULIFLOWER RECORD**

Title of Experiment ..... Time of planting Trial ..... Ref. V ..... E03 ...../.....  
 GWITHIAN

Plot 

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 Col. (6-8)

Plot 

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 (6-8)

Harvest	Class of Unmarketable Size	Defects			Curd Colour	Curd Depur <sup>+</sup>	Immature	Space A not punched
		Ricey	Bracted	Loose				

**RECORDERS PLEASE NOTE**

**Missing Plants** – For each missing plant unrecordable through non varietal factors put harvest OO and 1 under class.

**Harvest Date** – Put harvest date/code

**Class or Unmarketable**  
 O – Extra Class, 1 – Class 1,  
 2 – Class 2, F – Facepack,  
 X – unmarketable.

**Size**– 0 Not sized  
 1 Button  
 2 small  
 6 Facepack  
 8 Facepack  
 12 (grade 2)  
 16 (Grade 2)  
 8 Blind  
 9 Frost killed in vegetative stage.

**Ricey or Loose** – Put 1 in appropriate column or leave blank.

**Bracts**  
 1 White fine bracts.  
 2 Green bracts or leave blank.

**Curd Colour**  
 1 Yellow  
 2 Pink  
 3 Discoloured  
 4 Rotted curd  
 5 Slight frosted or water soaked.  
 6 Severe frosted or water soaked.  
 X Leaf Scorch

Harvest	Class of Unmarketable Size	Defects			Curd Colour	Curd Depur <sup>+</sup>	Immature	Space A not punched
		Ricey	Bracted	Loose				





Syngenta	Canten	Mid February
Tozer	2038	March
Nickerson	AB1036	Mid March
Nickerson	Vedis	April
Syngenta	Danden	Early April
Tozer	2063	Late April
Seminis	RX5370	Late April

It is to be noted that each cultivar performs differently from season to season however data is available over the past 13 seasons which provides a basis upon which growers can make an informed decision on which cultivars to grow to provide a continuous supply.

### **Technology transfer**

The Trials are harvested twice a week and results are updated weekly on the following website <http://www.cornwall.ac.uk/research/herring> Open days were held in December, January and March where up to date information was made available to growers and representatives from the industry.

### **Appendices**

The following appendices show the summaries of all cultivars in both the Autumn and Winter Cauliflower Trials for 2009 – 10, with additional comments regarding each cultivar trialed.

## AUTUMN CAULIFLOWER VARIETY TRIAL

EARLY VARIETIES 2009 - 10

SPACING 34" X 18" 10249/Acre

VARIETY	PLOT	CUTTING PERIOD			DAYS	Class	Class	Unmarket	Crates / Acre		
		10%	50%	90%					Facepack	6	16

NARUTO	1	26.10	30.10	2.11	7	90	2	8	1127	34	13	0
	14	26.10	30.10	9.11	14	85	0	15	961	164	0	0
<b>Average</b>		<b>26.10</b>	<b>30.10</b>	<b>5.11</b>	<b>10.5</b>	<b>88</b>	<b>1</b>	<b>11</b>	<b>1044</b>	<b>99</b>	<b>6</b>	<b>0</b>

Tall frame. Very leafy. Deep well protected curds. Heavy curds. Easy to see, cut and bag. Twisted leaf over curds. Very uniform. Good Facepack material.

RAFALE	2	30.10	2.11	12.11	13	80	4	16	1024	0	26	0
	15	26.10	2.11	9.11	14	62	18	20	788	0	115	0
<b>Average</b>		<b>28.10</b>	<b>2.11</b>	<b>10.11</b>	<b>13</b>	<b>71</b>	<b>11</b>	<b>18</b>	<b>906</b>	<b>0</b>	<b>71</b>	<b>0</b>

Small frame. Good curd protection. Solid curds. Low to the ground. Slightly wide base to curds. Good Facepack material.

REGATA	3	18.11	23.11	3.12	15	68	12	20	833	43	64	21
	16	12.11	23.11	3.12	21	74	11	15	915	49	73	0
<b>Average</b>		<b>15.11</b>	<b>23.11</b>	<b>3.12</b>	<b>18</b>	<b>71</b>	<b>11</b>	<b>18</b>	<b>874</b>	<b>46</b>	<b>69</b>	<b>11</b>

Smooth curds. Smallish frame. Easy to see, cut and bag. Good Facepack material. A few small plants/curds. Will turn off white if not cut every 3 or 4 days.

INTREPID	4	18.11	30.11	10.12	22	56	15	29	723	0	99	0
	17	12.11	23.11	10.12	28	62	18	20	788	0	115	0
<b>Average</b>		<b>15.11</b>	<b>26.11</b>	<b>10.12</b>	<b>25</b>	<b>59</b>	<b>17</b>	<b>24</b>	<b>756</b>	<b>0</b>	<b>107</b>	<b>0</b>

Good Facepack material. Good curd cover. Slightly knobby curds. Will turn off white if not cut every 3 or 4 days. A few small plants/curds. Few other defects.

OPTIMIST	5	30.10	2.11	9.11	10	88	4	8	1102	34	26	0
	18	30.10	2.11	9.11	10	74	7	19	894	149	42	0
<b>Average</b>		<b>30.10</b>	<b>2.11</b>	<b>9.11</b>	<b>10</b>	<b>81</b>	<b>5</b>	<b>14</b>	<b>998</b>	<b>92</b>	<b>34</b>	<b>0</b>

Uniform. Medium sized frame. Good curd protection. Slightly wide base to curds. Very good Facepack material. Easy to see, cut and pack. Looks good in tray.

## AUTUMN CAULIFLOWER VARIETY TRIAL

### EARLY VARIETIES 2009 - 10

**SPACING 34" X 18" 10249/Acre**

VARIETY	PLOT	CUTTING PERIOD			DAYS	Class		Unmarket	Facepack	Crates / Acre		
		10%	50%	90%		1	2			8	6	16

MERIDIAN	6	26.10	30.10	5.11	10	80	11	9	939	114	71	0
	19	19.10	30.10	9.11	21	61	20	19	641	186	125	0
<b>Average</b>		<b>22.10</b>	<b>28.10</b>	<b>5.11</b>	<b>14</b>	<b>71</b>	<b>15</b>	<b>14</b>	<b>790</b>	<b>150</b>	<b>98</b>	<b>0</b>

Large leaf. Slightly wide base to curds. Smooth curds. Good protection. Good weight. Good Facepack material. Easy to see, cut and bag. A few brown markings at the base of leaves. Uniform.

CFL 4701	7	12.11	19.11	3.12	21	60	22	18	740	38	142	0
	20	18.11	23.11	3.12	15	58	28	14	737	0	176	0
<b>Average</b>		<b>15.11</b>	<b>21.11</b>	<b>3.12</b>	<b>18</b>	<b>59</b>	<b>25</b>	<b>16</b>	<b>739</b>	<b>19</b>	<b>159</b>	<b>0</b>

Tall frame. Dark green leaves. Twisted leaf over curds. Slightly wide base to curds. Uniform. Good weight. Will turn off white if not cut every 3 or 4 days. Good Facepack material.

CARTIER	8	26.10	30.10	12.11	17	78	9	13	911	114	57	0
	21	3.11	12.11	18.11	16	80	5	15	1024	0	32	0
<b>Average</b>		<b>29.10</b>	<b>5.11</b>	<b>15.11</b>	<b>16</b>	<b>79</b>	<b>7</b>	<b>14</b>	<b>968</b>	<b>57</b>	<b>45</b>	<b>0</b>

Dark green leaf. Uniform. Smooth curds. Slightly crinkled leaf type. Well protected curds. Good weight. Very good Facepack material. Uniform. Looks good in trays. Easy to see, cut and pack.

SKYWALKER	9	15.10	26.10	2.11	18	68	14	18	846	34	90	0
	22	15.10	26.10	2.11	18	66	20	14	769	102	128	0
<b>Average</b>		<b>15.10</b>	<b>26.10</b>	<b>2.11</b>	<b>18</b>	<b>67</b>	<b>17</b>	<b>16</b>	<b>807</b>	<b>68</b>	<b>109</b>	<b>0</b>

Dark green leaf. Smooth curds. Slightly open habit. Easy to see, cut and bag. Uniform. Good Facepack. A few off white curds.

SALOU	10	30.10	2.11	9.11	10	66	20	14	846	0	128	0
	23	26.10	30.10	5.11	10	76	10	14	897	102	64	0
<b>Average</b>		<b>28.10</b>	<b>31.10</b>	<b>7.11</b>	<b>10</b>	<b>71</b>	<b>15</b>	<b>14</b>	<b>872</b>	<b>51</b>	<b>96</b>	<b>0</b>

Uniform. Easy to see, cut and pack. A few loose curds. Medium weight. Good Facepack material. Looks good in tray. Medium sized frame.

**AUTUMN CAULIFLOWER VARIETY TRIAL**

**EARLY VARIETIES 2009 - 10**

**SPACING 34" X 18" 10249/Acre**

VARIETY	PLOT	CUTTING PERIOD		DAYS	Class	Class	Unmarket	Crates / Acre	
		10%	50%					90%	Facepack

Sante Fe	11	26.10	30.10	5.11	10	67	8	25	827	36	53	0
	24	26.10	2.11	5.11	10	73	16	11	815	155	87	19
<b>Average</b>		<b>26.10</b>	<b>31.10</b>	<b>5.11</b>	<b>10</b>	<b>70</b>	<b>12</b>	<b>18</b>	<b>821</b>	<b>96</b>	<b>70</b>	<b>9</b>

Slightly wide base to curds. Large frame. Slight twist to frame. Good curd cover. A few irregular shaped curds. Good Facepack material.  
A few off white curds. Needs cutting every 2 or 3 days.

RX 5937	12	5.11	23.11	7.12	32	67	16	17	854	0	100	0
	25	12.11	23.11	7.12	25	66	17	17	842	0	92	24
<b>Average</b>		<b>8.11</b>	<b>23.11</b>	<b>7.12</b>	<b>28</b>	<b>67</b>	<b>16</b>	<b>17</b>	<b>848</b>	<b>0</b>	<b>96</b>	<b>12</b>

Small frame. Dark green leaf. Smooth Good Facepack material. Looks good in tray. Slightly crinkled leaf. Good weight. Medium sized curds.  
Reasonable leaf cover over curds.

RX 5609	13	5.11	23.11	10.12	35	57	23	20	726	0	149	0
	26	5.11	18.11	7.12	32	53	23	24	683	0	149	0
<b>Average</b>		<b>5.11</b>	<b>20.11</b>	<b>8.12</b>	<b>34</b>	<b>55</b>	<b>23</b>	<b>22</b>	<b>705</b>	<b>0</b>	<b>149</b>	<b>0</b>

Small frame/curds. Uniform. Reasonable curd cover. Slightly wide base to curds. Good Facepack material.  
Will turn off white if not cut every 3 or 4 days.

**2009 - 10**

**TIME OF PLANTING AND SPACING TRIAL**

A plots transplanted 10th July B plots transplanted 21st July

A1 and B1 8580/Acre A2 and B2 7096/Acre A3 and B3 6150/Acre

VARIETY	PLOT	CUTTING PERIOD				DAYS	Class		Unmkt	Facepack		Crates/Acre
		10%	50%	90%	%		1	2		Class 1	Class 2	
Seminis APPIA	27A1	02.11.09	02.11.09	09.11.09	7	88	0	12	946	0	0	0
	27A2	30.10.09	02.11.09	05.11.09	6	86	0	14	697	84	0	0
	27A3	30.10.09	02.11.09	05.11.09	6	83	0	17	448	256	0	0
	27B1	23.11.09	03.12.09	07.12.09	14	64	7	29	689	0	38	0
	27B2	23.11.09	03.12.09	07.12.09	14	57	7	36	507	0	32	0
	27B3	23.11.09	03.12.09	07.12.09	14	60	20	20	461	0	77	0
Uniform. Darker outer leaf. Twisted leaf over smooth curds. Slightly wide base. Solid curds. A few small curds.												
Very good Facepack material.												
Clause Tezier NAVALO	28A1	26.10.09	09.11.09	18.11.09	23	94	0	6	1005	0	0	0
	28A2	26.10.09	02.11.09	05.11.09	10	93	0	7	824	0	0	0
	28A3	26.10.09	02.11.09	12.11.09	17	92	0	8	641	85	0	0
	28B1	03.12.09	14.12.09	21.12.09	18	50	19	31	536	0	67	45
	28B2	03.12.09	14.12.09	29.12.09	26	58	8	34	517	0	37	0
28B3	03.12.09	14.12.09	29.12.09	26	36	29	35	274	0	110	0	
Smallish frame. Twisted leaves over curds. Uniform. Paler inner leaf. Good Facepack material. Few defects.												
Easy to cut and pack. Some small plants/curds with later transplanting, some off white curds.												
Seminis RX 5965	29A1	30.10.09	30.10.09	05.11.09	6	100	0	0	804	179	0	0
	29A2	30.10.09	02.11.09	09.11.09	10	93	0	7	634	253	0	0
	29A3	30.10.09	02.11.09	05.11.09	6	100	0	0	538	308	0	0
	29B1	19.11.09	03.12.09	07.12.09	18	71	7	22	766	0	38	0
	29B2	30.11.09	03.12.09	10.12.09	10	62	8	30	546	0	34	0
29B3	30.11.09	03.12.09	07.12.09	7	64	9	27	489	0	35	0	
Large frame. Dark outer leaf. Paler inner leaf. Twisted leaf over curds. Slightly wide base to curds.												
Good weight. Good Facepack material.												
Seminis RX 5981	30A1	09.11.09	12.11.09	19.11.09	10	86	7	7	919	0	38	0
	30A2	09.11.09	12.11.09	19.11.09	10	67	17	16	591	0	74	0
	30A3	18.11.09	19.11.09	30.11.09	12	82	9	9	559	93	35	0
	30B1	07.12.09	10.12.09	21.12.09	14	62	0	38	660	0	0	0
	30B2	03.12.09	07.12.09	10.12.09	7	57	21	22	507	0	95	0
30B3	03.12.09	03.12.09	10.12.09	7	55	18	27	419	0	70	0	
Tall frame. Brittle large leaves. Spreading base to curds. Heavy curds. Good Facepack material.												

**2009 - 10**

**TIME OF PLANTING AND SPACING TRIAL**

**A plots transplanted 10th July**      **B plots transplanted 21st July**  
**A1 and B1 8580/Acre**      **A2 and B2 7096/Acre**      **A3 and B3 6150/Acre**

VARIETY	PLOT	CUTTING PERIOD			DAYS	Class		Unmkt	Facepack	Class 2		
		10%	50%	90%		1	2			6	16	12
Clause	31A1	09.11.09	12.11.09	18.11.09	9	75	13	12	737	89	67	0
Tezier	31A2	09.11.09	12.11.09	18.11.09	9	93	7	0	760	102	0	0
DIWAN	31A3	12.11.09	12.11.09	19.11.09	7	93	7	10	577	171	32	0
	31B1	03.12.09	10.12.09	04.01.10	32	50	25	25	536	0	134	0
	31B2	03.12.09	07.12.09	29.12.09	26	43	14	43	380	0	32	42
	31B3	03.12.09	10.12.09	04.01.10	32	58	17	25	448	0	64	0
<b>Slightly wide base to curds. Strong frame. Good curd protection. Good solid curds. Good Facepack material.</b>												
<b>Small frames/curds with later transplanting, curds quickly turn off white.</b>												
Nickerson	32A1	30.11.09	10.12.09	21.12.09	21	67	20	13	715	0	107	0
Zwaan	32A2	10.12.09	14.12.09	21.12.09	11	58	33	9	517	0	148	0
AB 9024	32A3	30.11.09	10.12.09	21.12.09	21	70	20	10	538	0	77	0
	32B1	10.12.09	29.12.09	04.01.10	25	54	31	15	578	0	165	0
	32B2	29.12.09	04.01.10	18.01.10	20	50	25	25	443	0	111	0
	32B3	29.12.09	04.01.10	18.01.10	20	50	30	20	384	0	115	0
<b>Medium sized frame. Some good Facepack material. Medium depth. Will turn off white if not cut every 3 or 4 days. Limited leaf cover.</b>												
<b>Some collapsed plants with later transplantings.</b>												
Clause	33A1	30.10.09	09.11.09	23.11.09	24	80	13	7	858	0	36	48
Tezier	33A2	02.11.09	12.11.09	23.11.09	21	77	15	8	614	91	68	0
GALIOTE	33A3	30.10.09	05.11.09	12.11.09	13	83	8	9	577	85	32	0
	33B1	23.11.09	03.12.09	17.12.09	24	87	0	13	858	95	0	0
	33B2	23.11.09	07.12.09	10.12.09	14	77	0	23	614	91	0	0
	33B3	30.11.09	03.12.09	07.12.09	7	83	8	9	577	85	32	0
<b>Medium sized frame. Twisted leaf over curds. Pale leaf. Some variation in plant/curd size. East to see, cut and pack.</b>												
<b>Long heading period. Good Facepack material.</b>												
Nickerson	34A1	18.11.09	30.11.09	07.12.09	19	69	19	12	737	0	101	0
Zwaan	34A2	18.11.09	30.11.09	07.12.09	19	71	14	15	507	169	63	0
CENDIS	34A3	18.11.09	30.11.09	07.12.09	19	83	8	9	641	0	32	0
	34B1	21.12.09	04.01.10	14.01.10	24	60	13	27	644	0	72	0
	34B2	21.12.09	04.01.10	14.01.10	24	64	7	29	570	0	32	0
	34B3	21.12.09	04.01.10	14.01.10	24	67	8	25	513	0	32	0
<b>Uniform. Paler inner leaf. Good Facepack material. Few defects. Will turn off white if not cut every 3 or 4 days. Few small plants/curds.</b>												

**TIME OF PLANTING AND SPACING TRIAL** **2009 - 10**

A plots transplanted 10th July B plots transplanted 21st July  
 A1 and B1 8580/Acre A2 and B2 7096/Acre A3 and B3 6150/Acre

VARIETY	PLOT	CUTTING PERIOD		DAYS	Class		Unmkt	Facepack		Crates/Acre		
		10%	50%		90%	1		2	Class 1		Class 2	
Clause	35A1	23.11.09	30.11.09	10.12.09	17	80	13	7	858	0	72	0
Tezier	35A2	19.11.09	30.11.09	10.12.09	21	62	15	23	546	0	68	0
CHF 08-29	35A3	23.11.09	30.11.09	10.12.09	17	91	9	0	641	85	32	0
	35B1	04.01.10	25.01.10	28.01.10	24	53	27	20	572	0	143	0
	35B2	04.01.10	18.01.10	28.01.10	24	57	21	22	507	0	95	0
	35B3	18.01.10	25.01.10	28.01.10	10	70	10	20	538	0	38	0
Solid curds. Good weight. Slightly wide base to curds. Good curd cover. Medium sized frame. Uniform. Good Facepack material.												
Protected against frost with later transplanting.												
Elsons	36A1	12.11.09	18.11.09	23.11.09	11	80	20	0	858	0	72	48
BELOT	36A2	12.11.09	23.11.09	30.11.09	18	79	7	14	697	0	0	42
	36A3	18.11.09	23.11.09	30.11.09	12	83	8	9	513	171	32	0
	36B1	17.12.09	04.01.10	14.01.10	28	57	14	29	613	0	77	0
	36B2	14.12.09	21.12.09	14.01.10	31	36	29	35	317	0	127	0
	36B3	14.12.09	04.01.10	14.01.10	31	45	18	37	349	0	70	0
Uniform. Leafy plants. Twisted leaf over curds. Paler inner leaf. Some yellowing at base of leaves. Good Facepack material.												
Easy to see, cut and pack. Very small frame and resultant curds from later transplanting.												
Syngenta	37A1	23.11.09	30.11.09	03.12.09	10	75	6	19	804	0	34	0
DRAKE	37A2	19.11.09	30.11.09	07.12.09	18	71	21	8	634	0	95	0
	37A3	23.11.09	30.11.09	03.12.09	10	64	21	15	494	0	82	0
	37B1	14.12.09	04.01.10	14.01.10	31	56	6	38	603	0	34	0
	37B2	14.12.09	29.12.09	04.01.10	21	33	42	25	296	0	185	0
	37B3	14.12.09	29.12.09	14.01.10	31	50	25	25	384	0	96	0
Dark green leaf. Clean leaf. Better at the wider spacing. Uniform. Good Facepack material. Reasonable curd cover.												
Some frost damaged curds with later transplanting and smaller frame/curds.												
Syngenta	38A1	18.11.09	30.11.09	03.12.09	15	86	0	14	919	0	0	0
LORIEN	38A2	18.11.09	30.11.09	30.11.09	12	83	8	9	739	0	37	0
	38A3	18.11.09	23.11.09	03.12.09	15	83	17	0	641	0	64	0
	38B1	14.12.09	17.12.09	04.01.10	21	43	29	28	460	0	153	0
	38B2	07.12.09	14.12.09	04.01.10	28	50	25	25	443	0	111	0
	38B3	14.12.09	21.12.09	04.01.10	21	36	27	37	278	0	105	0
Upright leaf type. Slightly wide base to curds. Good Facepack material. Uniform. Some frost damage on later transplantings.												



**TIME OF PLANTING AND SPACING TRIAL** **2009 - 10**

A plots transplanted 10th July B plots transplanted 21st July  
 A1 and B1 8580/Acre A2 and B2 7096/Acre A3 and B3 6150/Acre

VARIETY	PLOT	CUTTING PERIOD	DAYS	Class		Unmkt	Facepack	Class 2						
				1	2			Class 1	Class 2					
				10%	50%	90%		%	%	%	Crates/Acre	6	16	12
Elsoms	39A1	19.11.09	23.11.09	30.11.09	11	69	13	18	737	0	34	45		
Maginot	39A2	18.11.09	23.11.09	30.11.09	12	60	20	20	532	0	89	0		
	39A3	18.11.09	19.11.09	26.11.09	8	83	8	9	513	171	32	0		
	39B1	04.01.10	18.01.10	25.01.10	21	57	21	22	613	0	115	0		
	39B2	17.12.09	18.01.10	25.01.10	39	38	23	39	341	0	102	0		
	39B3	17.12.09	18.01.10	25.01.10	39	55	18	27	419	0	70	0		
Easy to see, cut and bag. Looks good in tray. Will turn off white if not cut every 3 or 4 days. Reasonable curd cover.														
Good Facepack material with early transplanting. Some small plants/curds with later transplanting.														
Clause	40A1	29.12.09	25.01.10	08.02.10	41	60	27	13	572	95	143	0		
Tezier	40A2	18.01.10	08.02.10	15.02.10	28	62	23	15	546	0	102	0		
CLX 33609	40A3	04.01.10	25.01.10	15.02.10	42	71	29	0	549	0	110	0		
	40B1	18.02.10	22.02.10	04.03.10	14	57	21	22	536	0	100	0		
	40B2	08.02.10	18.02.10	25.02.10	17	54	15	31	477	0	68	0		
	40B3	08.02.10	22.02.10	25.02.10	17	67	16	17	513	0	64	0		
Well protected curds. Twisted leaf over curds. Uniform. Some off white curds. Good Facepack material.														
Smaller plants with later transplanting.														
Tozer	41A1	30.11.09	03.12.09	07.12.09	7	50	38	12	536	0	201	0		
1001	41A2	30.11.09	30.11.09	07.12.09	7	29	50	21	253	0	222	42		
	41A3	30.11.09	30.11.09	10.12.09	10	42	42	12	320	0	160	0		
	41B1	21.12.09	18.01.10	25.01.10	35	38	32	30	402	0	168	0		
	41B2	29.12.09	18.01.10	28.01.10	30	43	21	36	329	0	82	0		
	41B3	21.12.09	18.01.10	18.01.10	28	42	33	25	320	0	128	0		
Open frame. Tendency to turn cream and loose. Smallest curds. Some good Facepack material. Frost damaged with later transplantings.														
Clause	42A1	30.11.09	30.11.09	17.12.09	17	75	13	12	804	0	67	0		
Tezier	42A2	30.11.09	30.11.09	10.12.09	10	71	14	15	634	0	63	0		
TRIOMPHANT	42A3	18.11.09	23.11.09	03.12.09	15	83	8	9	577	85	32	0		
	42B1	21.12.09	25.01.10	28.01.10	38	63	19	18	670	0	101	0		
	42B2	21.12.09	25.01.10	08.02.10	49	64	14	22	507	84	63	0		
	42B3	04.01.10	18.01.10	08.02.10	35	67	8	25	513	0	32	0		
Solid curds. Good Protection. Good Facepack material. A few small plants/curds. Some frost damage with later transplantings.														

**TIME OF PLANTING AND SPACING TRIAL** **2009 - 10**

A plots transplanted 10th July B plots transplanted 21st July  
 A1 and B1 8580/Acre A2 and B2 7096/Acre A3 and B3 6150/Acre

VARIETY	PLOT	CUTTING PERIOD			DAYS	Class		Unmkt	Facepack		Class 2
		10%	50%	90%		1	2		Class 1	Class 2	
Syngenta Buren	43A1	29.12.09	28.01.10	11.02.10	44	53	20	27	572	0	107
	43A2	04.01.10	28.01.10	11.02.10	38	50	21	29	443	0	95
	43A3	18.01.10	25.01.10	11.02.10	24	42	25	33	320	0	96
	43B1	15.02.10	25.02.10	04.03.10	17	47	13	40	501	0	72
	43B2	15.02.10	01.03.10	08.03.10	21	38	14	48	341	0	68
	43B3	18.02.10	04.03.10	08.03.10	18	36	18	46	280	0	70
Solid curds. Will turn off white if not cut every 3 days. Easy to see/cut and bag. Open habit, limited curd cover with some frost damage.											
Some small plants/curds especially with later transplantings. Long heading period due to cold weather.											
Seminis RX 5978	44A1	30.11.09	30.11.09	03.12.09	3	93	0	7	996	0	0
	44A2	30.11.09	30.11.09	07.12.09	7	62	15	23	478	91	68
	44A3	30.11.09	30.11.09	10.12.09	10	79	14	7	494	146	55
	44B1	14.12.09	21.12.09	04.01.10	21	46	38	16	495	0	206
	44B2	14.12.09	21.12.09	04.01.10	21	62	15	23	545	0	68
	44B3	14.12.09	21.12.09	04.01.10	21	60	30	10	461	0	115
Uniform. Good weight. Pale leaf. Very Good Facepack material with earlier transplanting.. Some yellowing at base of leaves.											
Smaller plants/curds at later transplanting with tendency to turn off white.											
Clause Tezier CLX 33821	45A1	04.01.10	25.01.10	28.01.10	24	57	14	29	613	0	77
	45A2	04.01.10	25.01.10	01.02.10	28	50	25	25	443	0	111
	45A3	04.01.10	25.01.10	08.02.10	35	55	18	27	419	0	69
	45B1	18.01.10	08.02.10	08.02.10	21	53	27	20	572	0	143
	45B2	18.01.10	25.01.10	08.02.10	21	57	14	29	507	0	63
	45B3	25.01.10	28.01.10	15.02.10	21	55	27	18	419	0	105
Small frame. Some good Facepack material. Uniform. A few small plants/curds. Will turn off white if not cut every 3 or 4 days.											
Reasonable curd cover. Some wilting due to waterlogging.											
Seminis RX 5982	46A1	11.11.09	18.11.09	19.11.09	8	81	6	13	536	447	34
	46A2	11.11.09	18.11.09	19.11.09	8	85	7	8	443	422	32
	46A3	11.11.09	18.11.09	19.11.09	8	92	0	8	320	512	0
	46B1	23.11.09	07.12.09	14.12.09	21	69	6	25	737	0	34
	46B2	03.12.09	07.12.09	14.12.09	11	64	14	22	570	0	63
	46B3	23.11.09	03.12.09	07.12.09	14	67	8	25	513	0	32
Large curds. Very good Facepack material. Smooth curds. Good weight. Spreading frame.											

## TIME OF PLANTING AND SPACING TRIAL 2009 - 10

A plots transplanted 10th July B plots transplanted 21st July  
 A1 and B1 8580/Acre A2 and B2 7096/Acre A3 and B3 6150/Acre

VARIETY	PLOT	CUTTING PERIOD				DAYS	Class		Unmkt	Facepack	Class 2
		10%	50%	90%	%		1	2			
Clause	47A1	07.12.09	10.12.09	29.12.09	22	69	31	0	737	0	
Tezier	47A2	07.12.09	14.12.09	29.12.09	22	79	21	0	697	0	
Hermine	47A3	10.12.09	14.12.09	29.12.09	19	67	17	16	513	0	
	47B1	25.01.10	28.01.10	08.02.10	14	56	39	5	603	0	
	47B2	04.01.10	25.01.10	28.01.10	24	50	29	21	443	0	
	47B3	21.12.09	18.01.10	25.01.10	35	67	25	8	513	0	
<b>Tough blooming frame. Twisted frame. Thick mid rib to leaves. Very well protected curds. Good Facepack material.</b>											
Not easy to see and cut.											
Tozer	48A1	21.12.09	04.01.10	18.01.10	28	47	20	33	501	0	
1033	48A2	14.12.09	04.01.10	18.01.10	35	43	21	36	380	0	
	48A3	10.12.09	21.12.09	14.01.10	35	50	17	33	384	0	
	48B1	01.02.10	08.02.10	25.02.10	24	54	23	23	577	0	
	48B2	25.01.10	08.02.10	08.02.10	14	43	21	36	380	0	
	48B3	25.01.10	01.02.10	08.02.10	14	55	9	36	419	0	
<b>Small frame. Tendency to turn off white. Medium depth. Some good Facepack material. Easy to see, cut and bag. Limited curd cover.</b>											
Some frost damage to curds.											
Syngenta	49A1	25.01.10	08.02.10	11.02.10	17	64	0	36	689	0	
Alpen	49A2	25.01.10	08.02.10	08.02.10	14	50	14	36	443	0	
	49A3	08.02.10	08.02.10	18.02.10	10	55	9	36	419	0	
	49B1	01.02.10	22.2.10	25.02.10	24	50	21	29	536	0	
	49B2	08.02.10	18.02.10	22.02.10	14	42	25	33	370	0	
	49B3	18.02.10	22.02.10	25.02.10	7	50	20	30	384	0	
<b>Solid curds just making '8s'. Several small plants/curds. Some frost damaged curds. Limited curd protection during frosty period.</b>											
Look good in tray. Very small frame/curds from later transplantings.											
Seminis	50A1	08.02.10	25.02.10	04.03.10	24	50	14	36	536	0	
RX 5962	50A2	08.02.10	25.02.10	04.03.10	24	46	23	31	409	0	
	50A3	18.02.10	25.02.10	04.03.10	14	38	15	47	296	0	
	50B1	01.03.10	08.03.10	18.03.10	17	47	20	33	501	0	
	50B2	22.02.10	04.03.10	18.03.10	24	54	15	31	478	0	
	50B3	01.03.10	15.03.10	18.03.10	17	38	23	39	296	0	
<b>Slightly twisted frame. Untidy leaf. Some good Facepack material. Some small plants/curds.</b>											

**TIME OF PLANTING AND SPACING TRIAL** **2009 - 10**

A plots transplanted 10th July B plots transplanted 21st July  
 A1 and B1 8580/Acre A2 and B2 7096/Acre A3 and B3 6150/Acre

VARIETY	PLOT	CUTTING PERIOD	DAYS	Class		Ummkt	Facepack	Crates/Acre						
				1	2			Class 1	Class 2	6	8	12		
		10%	50%	90%	%	%	%	%	%	%	%	%	%	%
Nickerson	51A1	08.02.10	11.02.10	18.02.10	10	64	7	29	689	0	38	0		
	51A2	18.01.10	08.02.10	15.02.10	28	54	31	15	478	0	136	0		
	51A3	28.01.10	08.02.10	15.02.10	18	50	20	30	384	0	77	0		
AB 1004	51B1	18.02.10	04.03.10	15.03.10	25	54	8	38	578	0	41	0		
	51B2	22.02.10	04.03.10	08.03.10	14	38	23	39	341	0	102	0		
	51B3	25.02.10	04.03.10	08.03.10	11	36	28	36	280	0	105	0		
Good Facepack material. Uniform. A few small plants/curds with later transplantings. Pale leaf. Good cover. Medium depth.														
Reasonable leaf cover. Will turn off white if not cut every 3 or 4 days.														
Tozer	52A1	25.01.10	28.01.10	08.02.10	14	56	13	31	603	0	67	0		
	52A2	18.01.10	25.01.10	08.02.10	21	38	23	39	341	0	102	0		
	52A3	25.01.10	25.01.10	28.01.10	3	50	17	33	384	0	64	0		
	52B1	08.02.10	22.02.10	25.02.10	17	50	7	43	536	0	38	0		
	52B2	15.02.10	18.02.10	25.02.10	10	50	20	30	444	0	89	0		
	52B3	08.02.10	15.02.10	18.02.10	10	50	20	30						
Some good Facepack material with early transplanting. Several small plants/curds. Rather open frame. Reasonable curd cover.														
Syngenta	53A1	08.02.10	18.02.10	04.03.10	24	57	14	29	613	0	77	0		
	53A2	11.02.10	22.02.10	03.03.10	20	77	0	23	682	0	0	0		
	53A3	18.02.10	25.02.10	04.03.10	14	83	17	0	641	0	64	0		
Arkwright	53B1	15.03.10	18.03.10	22.03.10	7	73	13	14	787	0	72	0		
	53B2	08.03.10	15.03.10	22.03.10	14	71	0	29	634	0	0	0		
	53B3	04.03.10	15.03.10	18.03.10	14	83	8	9	641	0	32	0		
Crinkled leaf. Good leaf count, dark green leaf. Slightly open habit. Some good Facepack material. Approx 18% small plants/curds.														
Seminis	54A1	11.02.10	18.02.10	03.03.10	20	81	6	13	871	0	34	0		
	54A2	11.02.10	18.02.10	03.03.10	20	86	0	14	760	0	0	0		
	54A3	11.02.10	22.02.10	03.03.10	20	92	0	8	705	0	0	0		
RX5697	54B1	03.03.10	08.03.10	15.03.10	12	81	0	19	871	0	0	0		
	54B2	03.03.10	08.03.10	15.03.10	12	92	0	8	824	0	0	0		
	54B3	03.03.10	08.03.10	15.03.10	12	92	0	8	705	0	0	0		
Strong growth. Uniform. Good curd cover. Clean leaf. Very good solid Facepack material. Looks very good in tray. Very few defects.														

## TIME OF PLANTING AND SPACING TRIAL 2009 - 10

A plots transplanted 10th July B plots transplanted 21st July  
 A1 and B1 8580/Acre A2 and B2 7096/Acre A3 and B3 6150/Acre

VARIETY	PLOT	CUTTING PERIOD			DAYS	Class		Unmkt	Facepack	Class 2
		10%	50%	90%		1	2			
Nickerson	51A1	08.02.10	11.02.10	18.02.10	10	64	7	29	689	0
	51A2	18.01.10	08.02.10	15.02.10	28	54	31	15	478	0
	51A3	28.01.10	08.02.10	15.02.10	18	50	20	30	384	0
AB 1004	51B1	18.02.10	04.03.10	15.03.10	25	54	8	38	578	0
	51B2	22.02.10	04.03.10	08.03.10	14	38	23	39	341	0
	51B3	25.02.10	04.03.10	08.03.10	11	36	28	36	280	0
Good Facepack material. Uniform. A few small plants/curds with later transplantings. Pale leaf. Good cover. Medium depth.										
Reasonable leaf cover. Will turn off white if not cut every 3 or 4 days.										
Tozer 1034	52A1	25.01.10	28.01.10	08.02.10	14	56	13	31	603	0
	52A2	18.01.10	25.01.10	08.02.10	21	38	23	39	341	0
	52A3	25.01.10	25.01.10	28.01.10	3	50	17	33	384	0
Syngenta Arkwright	52B1	08.02.10	22.02.10	25.02.10	17	50	7	43	536	0
	52B2	15.02.10	18.02.10	25.02.10	10	50	20	30	444	0
	52B3	08.02.10	15.02.10	18.02.10	10	50	20	30		
Some good Facepack material with early transplanting. Several small plants/curds. Rather open frame. Reasonable curd cover.										
Crinkled leaf. Good leaf count, dark green leaf. Slightly open habit. Some good Facepack material. Approx 18% small plants/curds.	53A1	08.02.10	18.02.10	04.03.10	24	57	14	29	613	0
	53A2	11.02.10	22.02.10	03.03.10	20	77	0	23	682	0
	53A3	18.02.10	25.02.10	04.03.10	14	83	17	0	641	0
Seminis RX5697	53B1	15.03.10	18.03.10	22.03.10	7	73	13	14	787	0
	53B2	08.03.10	15.03.10	22.03.10	14	71	0	29	634	0
	53B3	04.03.10	15.03.10	18.03.10	14	83	8	9	641	0
Strong growth. Uniform. Good curd cover. Clean leaf. Very good solid Facepack material. Looks very good in tray. Very few defects.										
Strong growth. Uniform. Good curd cover. Clean leaf. Very good solid Facepack material. Looks very good in tray. Very few defects.	54A1	11.02.10	18.02.10	03.03.10	20	81	6	13	871	0
	54A2	11.02.10	18.02.10	03.03.10	20	86	0	14	760	0
	54A3	11.02.10	22.02.10	03.03.10	20	92	0	8	705	0
Strong growth. Uniform. Good curd cover. Clean leaf. Very good solid Facepack material. Looks very good in tray. Very few defects.	54B1	03.03.10	08.03.10	15.03.10	12	81	0	19	871	0
	54B2	03.03.10	08.03.10	15.03.10	12	92	0	8	824	0
	54B3	03.03.10	08.03.10	15.03.10	12	92	0	8	705	0

**2009 - 10**

**TIME OF PLANTING AND SPACING TRIAL**

A plots transplanted 10th July B plots transplanted 21st July

A1 and B1 8580/Acre A2 and B2 7096/Acre A3 and B3 6150/Acre

VARIETY	PLOT	CUTTING PERIOD				DAYS	Class		Unmkt	Facepack	Crates/Acre		
		10%	50%	90%			1	2			6	16	12
Tozer 1018	55A1	08.02.10	15.02.10	22.02.10	14	47	20	23	501	0	107	0	
	55A2	11.02.10	18.02.10	25.02.10	14	50	29	21	443	0	127	0	
	55A3	08.02.10	11.02.10	22.02.10	14	63	13	24	480	0	48	0	
	55B1	25.02.10	08.03.10	08.03.10	11	31	23	46	330	0	124	0	
	55B2	01.03.10	08.03.10	15.03.10	14	31	31	38	273	0	136	0	
	55B3	22.02.10	04.03.10	08.03.10	14	40	40	20	308	0	154	0	
Some good deep Facepack material. Some small plants/curds. Looks good in tray. Good leaf count. Reasonable curd cover.													
Seminis Terminello	56A1	04.01.10	25.01.10	08.02.10	35	63	6	31	670	0	34	0	
	56A2	29.12.10	25.01.10	25.01.10	27	50	21	29	443	0	95	0	
	56A3	04.01.10	25.01.10	28.01.10	24	54	31	15	414	0	118	0	
	56B1	08.02.10	18.02.10	22.02.10	14	43	21	36	460	0	115	0	
	56B2	08.02.10	18.02.10	22.02.10	14	38	31	31	341	0	136	0	
	56B3												
Some good Facepack material. Variable curd sizes. Some frost damaged curds. A few small plants/curds. Easy to see and cut. Will turn off white if not cut very 2 or 3 days.													
Tozer 1035	57A1	14.12.09	29.12.09	18.01.10	35	38	25	37	402	0	134	0	
	57A2	21.12.09	14.01.10	18.01.10	28	50	25	25	443	0	111	0	
	57A3	17.12.09	14.01.10	18.01.10	32	50	12	33	384	0	64	0	
	57B1	08.02.10	11.02.10	15.02.10	7	50	21	29	536	0	115	0	
	57B2	08.02.10	08.02.10	11.02.10	3	42	33	25	370	0	148	0	
	57B3	08.02.10	08.02.10	15.02.10	7	50	20	30	407	0	77	0	
Open frame. Limited leaf cover. Smallish curds. Easy to see, cut and pack. Tendency to turn off white. Lightish curds. Some frost damage to curds.													
Tozer 1008	58A1	08.02.10	15.02.10	22.02.10	14	47	20	33	501	0	107	0	
	58A2	08.02.10	15.02.10	22.02.10	14	50	21	29	536	0	115	0	
	58A3	08.02.10	08.02.10	22.02.10	14	58	25	17	448	0	96	0	
	58B1	15.02.10	25.02.10	03.03.10	16	75	6	19	804	0	34	0	
	58B2	18.02.10	25.02.10	03.03.10	13	69	23	8	614	0	102	0	
	58B3	18.02.10	22.02.10	03.03.10	13	67	8	25	513	0	32	0	
Some good solid Facepack material from wider spacing. Some small plants/curds. Reasonable curd cover. Will turn off white.													

**2009 - 10**

**TIME OF PLANTING AND SPACING TRIAL**

A plots transplanted 10th July A2 and B2 7096/Acre A3 and B3 6150/Acre  
 B plots transplanted 21st July A1 and B1 8580/Acre

VARIETY	PLOT	CUTTING PERIOD				DAYS	Class		Unmkt	Facepack	Class 2	
		10%	50%	90%	%		1	2			Crates/Acre	Crates/Acre
Seminis	59A1	08.02.10	15.02.10	18.02.10	10	62	23	15	660	0	124	0
Treknow	59A2	08.02.10	08.02.10	15.02.10	7	54	8	38	478	0	34	0
	59A3	08.02.10	11.02.10	15.02.10	7	67	8	25	513	0	32	0
	59B1	01.03.10	04.03.10	08.03.10	7	67	7	26	715	0	36	0
	59B2	25.02.10	03.03.10	08.03.10	11	71	0	29	634	0	0	0
	59B3	18.02.10	25.02.10	03.03.10	13	75	17	8	577	0	64	0
Very good Facepack material. Clean leaf. Solid curds. Some frost damage with early transplantings. Uniform. Easy to see/cut and bag.												
Slightly open habit.												
Tozer	60A1	10.12.09	14.12.09	21.12.09	11	57	36	7	603	0	192	0
1023	60A2	10.12.09	14.12.09	17.12.09	7	46	23	31	409	0	102	0
	60A3	14.12.09	14.12.09	17.12.09	3	60	27	13	461	0	103	0
	60B1	14.12.09	21.12.10	14.01.10	31	50	19	31	536	0	101	0
	60B2	21.12.09	21.12.09	14.01.10	24	57	14	29	507	0	64	0
	60B3	17.12.09	21.12.09	29.12.09	12	58	17	27	448	0	64	0
Tall frame. Wide midrib to leaf. Some deep curds. Tendency to turn off white. Slight twist to leaf type. A few small plants/curds.												
Uniform. Some good Facepack material.												
Clause	61A1	01.02.10	08.02.10	01.03.10	28	81	6	13	871	0	34	0
Tezier	61A2	08.02.10	25.02.10	03.03.10	23	79	21	0	696	0	63	42
Brick	61A3	22.02.10	25.02.10	03.03.10	9	83	8	9	513	171	32	0
	61B1	01.03.10	04.03.10	08.03.10	7	87	13	0	804	178	67	0
	61B2	01.03.10	03.03.10	08.03.10	7	84	8	8	545	273	34	0
	61B3	01.03.10	03.03.10	08.03.10	7	83	8	9	641	0	32	0
Very good Facepack material. Uniform. Easy to see, cut and bag. Good curd cover. Clean leaf. Dark leaf. Very few defects.												
Quick heading period with later transplantings.												
Nickerson	62A1	15.02.10	25.02.10	03.03.10	16	87	8	5	929	0	36	0
Zwaan	62A2	08.02.10	15.02.10	01.03.10	21	86	0	14	760	0	0	0
Dionis	62A3	08.02.10	15.02.10	25.02.10	17	85	8	7	650	0	30	0
	62B1	08.03.10	15.03.10	18.03.10	10	93	0	7	1005	0	0	0
	62B2	04.03.10	15.03.10	18.03.10	14	85	0	15	751	0	0	0
	62B3	04.03.10	15.03.10	18.03.10	14	83	0	17	641	0	0	0
Uniform stand. Very good Facepack material. Easy to see, cut and bag. Good quality leaf. Good weight.												

**TIME OF PLANTING AND SPACING TRIAL** **2009 - 10**

A plots transplanted 10th July B plots transplanted 21st July  
 A1 and B1 8580/Acre A2 and B2 7096/Acre A3 and B3 6150/Acre

VARIETY	PLOT	CUTTING PERIOD				DAYS	Class		Ummkt	Facepack	Crates/Acre	
		10%	50%	90%	%		1	2			Class 1	Class 2
Tozer 1036	63A1	04.01.10	28.01.10	08.02.10	35	50	21	29	536	0	115	0
	63A2	04.01.10	08.01.10	08.02.10	35	58	8	34	517	0	37	0
	63A3	04.01.10	25.01.10	08.02.10	35	55	18	27	419	0	70	0
	63B1	18.02.10	08.02.10	22.02.10	4	43	14	43	460	0	77	0
	63B2	18.02.10	18.02.10	22.02.10	4	43	14	43	380	0	53	0
	63B3	18.02.10	18.02.10	22.02.10	4	40	30	20	308	0	115	0
Some good Facepack material. Variable plant/curd sizes. Will turn off white if not cut every 3 or 4 days. Lightish curds.												
Clause	64A1	03.03.10	04.03.10	15.03.10	12	81	6	13	871	0	34	0
Tezier	64A2	03.03.10	08.03.01	22.03.10	19	86	0	14	760	0	0	0
Redoutable	64A3	01.03.10	15.03.10	22.03.10	21	83	8	9	641	0	32	0
	64B1	18.03.10	22.03.10	29.03.10	11	73	13	14	715	95	72	0
	64B2	15.03.10	18.03.10	22.03.10	7	64	14	22	570	0	63	0
	64B3	18.03.10	22.03.10	25.03.10	7	83	8	9	641	0	32	0
Deep curds. Well protected. Very good Facepack material. Uniform. Looks good in the tray. Easy to cut and bag.												
Better at the first transplanting date.												
Syngenta	65A1	15.02.10	25.02.10	04.03.10	17	56	13	31	603	0	67	0
Boulen	65A2	18.02.10	25.02.10	15.03.10	25	57	21	22	507	0	95	0
	65A3	08.02.10	25.02.10	15.03.10	35	67	16	17	513	0	64	0
	65B1	22.03.10	25.03.10	29.03.10	7	46	23	31	495	0	124	0
	65B2	22.03.10	25.03.10	29.03.10	7	50	25	25	443	0	111	0
	65B3	15.03.10	22.03.10	25.03.10	10	58	17	25	448	0	64	0
Some good Facepack material. Some small plants/curds. Will turn off white if not cut every 2 or 3 days. Looks good in tray.												
Compact frame and curds.												
Seminis	66A1	08.02.10	25.02.10	04.03.10	24	54	31	15	578	0	165	0
Tintagel	66A2	08.02.10	25.02.10	04.03.10	24	57	21	22	507	0	95	0
	66A3	08.02.10	22.02.10	04.03.10	24	58	17	25	448	0	64	0
	66B1	01.03.10	08.03.10	15.03.10	14	75	0	25	804	0	0	0
	66B2	01.03.10	15.03.10	18.03.10	17	67	17	16	591	0	74	0
	66B3	01.03.10	08.03.10	18.03.10	17	58	17	25	384	85	64	0
Good solid curds. Uniform. Good Facepack material. Some leaf scorch on inner whorl of leaves. Better at later transplanting.												



**2009 - 10**

**TIME OF PLANTING AND SPACING TRIAL**

A plots transplanted 10th July A2 and B2 7096/Acre A3 and B3 6150/Acre  
 B plots transplanted 21st July  
 A1 and B1 8580/Acre

VARIETY	PLOT	CUTTING PERIOD			DAYS	Class		Umkt	Facepack		Crates/Acre
		10%	50%	90%		1	2		Class 1	Class 2	
Seminis 5738	67A1										
	67A2										
	67A3										
	67B1										
	67B2										
	67B3										
		<b>Plot not planted.</b>									
Elsoms Medaillon	68A1	15.02.10	03.03.10	08.03.10	21	60	27	13	644	0	143
	68A2	11.02.10	03.03.10	18.03.10	35	73	18	9	645	0	81
	68A3	15.02.10	25.02.10	15.03.10	28	83	8	9	641	0	32
	68B1	04.03.10	18.03.10	29.03.10	25	75	13	12	737	89	67
	68B2	15.03.10	22.03.10	29.03.10	14	79	7	14	697	0	32
	68B3	04.03.10	18.03.10	29.03.10	25	75	17	8	577	0	64
<b>Tight curds. Good leaf protection. Good Facepack material. A few off white curds. Uniform. Easy to see, cut and bag.</b>											
Clause Tezier Matelot	69A1	22.03.10	22.03.10	29.03.10	7	100	0	0	804	358	0
	69A2	22.03.10	25.03.10	29.03.10	7	93	7	0	697	169	32
	69A3	22.03.10	22.03.10	29.03.10	7	92	0	8	384	427	0
	69B1	25.03.10	29.03.10	05.04.10	11	87	0	13	858	95	0
	69B2	29.03.10	01.04.10	05.04.10	7	86	7	7	760	0	32
	69B3	25.03.10	01.04.10	05.04.10	11	92	8	0	705	0	32
<b>Uniform. Dark leaf. Tight wrapper leaf over curds. Few defects. Pale inner leaf. Looks good in tray. Some large curds.</b>											
Tozer 2038	70A1	04.03.10	22.03.10	25.03.10	21	86	7	7	689	306	38
	70A2	11.03.10	22.03.10	29.03.10	18	79	14	7	697	0	63
	70A3	22.03.10	22.03.10	29.03.10	7	100	0	0	629	186	0
	70B1	22.03.10	01.04.10	08.04.10	17	94	0	6	1005	0	0
	70B2	22.03.10	25.03.10	12.04.10	21	92	0	8	819	0	0
	70B3	22.03.10	05.04.10	12.04.10	21	82	0	18	629	0	0
<b>Open frame. Some very good Facepack material. A few small curds. Dark greenleaf. Easy to see, cut and bag. Few defects.</b>											

**TIME OF PLANTING AND SPACING TRIAL** **2009 - 10**

A plots transplanted 10th July B plots transplanted 21st July  
 A1 and B1 8580/Acre A2 and B2 7096/Acre A3 and B3 6150/Acre

VARIETY	PLOT	CUTTING PERIOD			DAYS	Class		Unmkt	Facepack		Class 2	
		10%	50%	90%		1	2		Class 1	Class 2		
Syngenta Canten	71A1	18.02.10	04.03.10	08.03.10	18	87	7	6	858	95	16	12
	71A2	18.02.10	03.03.10	15.03.10	25	85	8	7	750	0	34	0
	71A3	15.02.10	25.02.10	04.03.10	17	75	8	17	577	0	32	0
	71B1	15.03.10	22.03.10	25.03.10	10	81	6	13	871	0	34	0
	71B2	11.03.10	18.03.10	25.03.10	14	79	7	14	697	0	32	0
	71B3	11.03.10	18.03.10	25.03.10	14	75	8	17	577	0	32	0
Uniform. Easy to see, cut and bag. Clean leaf. Good curd cover. Very good Facepack material. Looks good in tray.												
Clause Tezier Fleet	72A1	08.03.10	15.03.10	22.03.10	14	81	13	6	871	0	34	45
	72A2	03.03.10	15.03.10	18.03.10	15	92	0	8	824	0	0	0
	72A3	03.03.10	04.03.10	15.03.10	12	92	0	8	705	0	0	0
	72B1	18.03.10	22.03.10	29.03.10	11	79	6	15	804	89	34	0
72B2	18.03.10	22.03.10	29.03.10	11	100	0	0	824	84	0	0	
72B3	18.03.10	22.03.10	29.03.10	11	92	8	0	705	0	32	0	
Very Uniform. Slightly crinkled leaf over curds. Clean leaf. Very good Facepack material. Few defects.												
Nickerson Zwaan AB1036	73A1	15.03.10	22.03.10	22.03.10	7	88	6	6	804	179	0	45
	73A2	08.03.10	22.03.10	22.03.10	14	92	8	0	760	84	0	42
	73A3	04.03.10	11.03.10	22.03.10	18	92	0	8	577	171	0	0
	73B1	18.03.10	22.03.10	25.03.10	7	75	6	19	804	0	34	0
	73B2	18.03.10	22.03.10	25.03.10	7	71	7	22	634	0	32	0
73B3	18.03.10	22.03.10	22.03.10	4	92	0	8	705	0	0	0	
Very good Facepack material. Slightly crinkled leaf type. Good curd cover. Dark green leaf. Very uniform. Easy to cut and bag.												
Tozer 2063	74A1	15.04.10	19.04.10	22.04.10	7	81	6	13	871	0	34	0
	74A2	15.04.10	19.04.10	26.04.10	11	79	0	21	697	0	0	0
	74A3	15.04.10	19.04.10	22.04.10	7	83	8	9	641	0	32	0
	74B1	15.04.10	26.04.10	26.04.10	11	64	14	22	689	0	77	0
	74B2	19.04.10	26.04.10	26.04.10	7	78	7	15	697	0	32	0
74B3	19.04.10	22.04.10	26.04.10	7	83	8	9	641	0	32	0	
Very large frame. Very uniform. Easy to see, cut and pack. Clean leaf. Good curd protection.												

## TIME OF PLANTING AND SPACING TRIAL

2009 - 10

A plots transplanted 10th July      B plots transplanted 21st July  
 A1 and B1 8580/Acre      A2 and B2 7096/Acre      A3 and B3 6150/Acre

VARIETY	PLOT	CUTTING PERIOD			DAYS	Class		Unmkt	Facepack	Class 2
		10%	50%	90%		1	2			
Syngenta	75A1	22.03.10	29.03.10	01.04.10	10	64	14	22	689	0
Broden	75A2	22.03.10	29.03.10	01.04.10	10	70	15	15	614	0
	75A3	22.03.10	22.03.10	01.04.10	10	92	0	8	705	0
	75B1	29.03.10	01.04.10	08.04.10	10	80	0	20	858	0
	75B2	25.03.10	29.03.10	05.04.10	11	79	14	7	697	0
	75B3	29.03.10	29.03.10	05.04.10	7	92	0	8	705	0
Some good solid curds. Good Facepack material. Some small plants/curds. Performed better with later transplantings.										
Easy to see, cut and bag. Reasonable curd cover.										
Siminis	76A1	15.03.10	18.03.10	22.03.10	7	88	0	12	938	0
Trewint	76A2	15.03.10	15.03.10	18.03.10	3	92	0	8	824	0
	76A3	15.03.10	18.03.10	22.03.10	7	92	0	8	577	85
	76B1	22.03.10	22.03.10	29.03.10	7	88	6	6	938	0
	76B2	22.03.10	22.03.10	25.03.10	3	86	7	7	697	84
	76B3									
Very good Facepack material. Uniform. Looks very good in the tray. Easy to see, cut and bag. Very few defects.										
Syngenta	77A1	15.03.10	18.03.10	22.03.10	7	93	7	0	1005	0
Clemen	77A2	04.03.10	15.03.10	18.03.10	14	92	0	8	823	0
	77A3	04.03.10	15.03.10	18.03.10	14	83	0	17	513	171
	77B1	18.03.10	29.03.10	05.04.10	18	87	0	13	930	0
	77B2	15.03.10	22.03.10	29.03.10	14	92	8	0	824	0
	77B3	15.03.10	22.03.10	29.03.10	14	83	0	17	641	0
Uniform. Very good Facepack material. Easy to see, cut and bag. Slightly pale green leaf. Looks very good in tray. Very few defects.										
Clause	78A1	29.03.10	01.04.10	05.04.10	7	81	6	13	871	0
Tezier	78A2	22.03.10	29.03.10	05.04.10	14	92	8	0	760	84
Mascaret	78A3	29.03.10	29.03.10	05.04.10	7	75	17	8	192	513
	78B1	25.03.10	01.04.10	08.04.10	14	87	6	7	938	0
	78B2	25.03.10	01.04.10	05.04.10	11	79	7	14	697	0
	78B3	29.03.10	01.04.10	05.04.10	7	92	0	8	513	256
Difficult to see well protected curds. Uniform. Few defects. Paler inner leaf. Slightly wide base to curds. Large curds from wide spacing.										

**TIME OF PLANTING AND SPACING TRIAL** **2009 - 10**

A plots transplanted 10th July B plots transplanted 21st July  
 A1 and B1 8580/Acre A2 and B2 7096/Acre A3 and B3 6150/Acre

VARIETY	PLOT	CUTTING PERIOD			DAYS	Class		Unmkt	Facepack	Crates/Acre		
		10%	50%	90%		1	2			Class 1	Class 2	6
Seminis	79A1	22.03.10	29.03.10	05.04.10	14	73	13	14	787	0	143	0
	79A2	18.03.10	22.03.10	29.03.10	11	93	0	7	709	0	0	0
	79A3	18.03.10	22.03.10	25.03.10	7	100	0	0	769	0	0	0
Cadale	79B1	29.03.10	05.04.10	08.04.10	10	75	13	12	804	0	34	0
	79B2	25.03.10	29.03.10	05.04.10	11	71	14	15	634	0	63	0
	79B3	22.03.10	29.03.10	05.04.10	14	75	9	16	513	85	32	0
Uniform. Quick heading. Needs cutting every 3 days or will turn off white. Looks good in tray. Good Facepack material.												
Syngenta	80A1	01.04.10	05.04.10	08.04.10	7	100	0	0	1072	0	0	0
	80A2	05.04.10	05.04.10	08.04.10	3	93	0	7	824	0	0	0
	80A3	01.04.10	01.04.10	08.04.10	7	83	8	9	641	0	32	0
Ciren	80B1	05.04.10	12.04.10	15.04.10	10	75	19	6	804	0	101	0
	80B2	05.04.10	12.04.10	15.04.10	10	70	8	22	614	0	34	0
	80B3	05.04.10	12.04.10	15.04.10	10	75	8	17	577	0	32	0
Uniform. Excellent Facepack material. Easy to see, cut and pack. Good weight. Looks very good in tray. Clean leaf.												
A few loose curds with later transplantings.												
Elsoms	81A1	22.03.10	29.03.10	08.04.10	17	87	0	13	930	0	0	0
	81A2	22.03.10	29.03.10	29.03.10	7	93	0	7	824	0	0	0
	81A3	22.03.10	29.03.10	05.04.10	14	100	0	0	769	0	0	0
Capulet	81B1	29.03.10	05.04.10	15.04.10	17	75	13	12	804	0	67	0
	81B2	29.03.10	05.04.10	12.04.10	14	92	8	0	819	0	34	0
	81B3	29.03.10	05.04.10	12.04.10	14	83	8	9	577	85	32	0
Excellent Facepack material. Easy to see, cut and bag. Uniform. Good clean leaf. Very few defects.												
Some large curds with wider spacing.												
82A1												
82A2												
82A3												
82B1												
82B2												
82B3												
EMPTY PLOT												



**TIME OF PLANTING AND SPACING TRIAL** **2009 - 10**

A plots transplanted 10th July B plots transplanted 21st July  
 A1 and B1 8580/Acre A2 and B2 7096/Acre A3 and B3 6150/Acre

VARIETY	PLOT	CUTTING PERIOD	DAYS	Class		Unmkt	Facepack	Class 2					
				1	2			Crates/Acre					
								6	16	12			
Nickerson	87A1	05.04.10	15.04.10	15.04.10	10	81	0	19	871	0	0	0	0
	87A2	05.04.10	08.04.10	15.04.10	10	77	15	8	682	0	68	0	0
	87A3	29.03.10	08.04.10	15.04.10	17	83	8	9	641	0	32	0	0
	87B1	15.04.10	19.04.10	19.04.10	4	31	50	19	335	0	268	0	0
	87B2	15.04.10	15.04.10	19.04.10	4	20	53	27	177	0	237	0	0
	87B3	12.04.10	15.04.10	19.04.10	7	67	25	8	513	0	96	0	0
Very good Facepack material from earlier transplantings. Solid curds. Uniform. Slightly creamy. Easy to see, cut and bag.													
Few defects. Later transplantings produced some ricey and loose curds.													
Elsoms	88A1	29.03.10	29.03.10	05.04.10	7	93	0	7	1001	0	0	0	0
	88A2	22.03.10	29.03.10	01.04.10	10	93	0	7	824	0	0	0	0
	88A3	29.03.10	01.04.10	08.04.10	10	69	15	16	532	0	59	0	0
	88B1	08.04.10	12.04.10	15.04.10	7	94	0	6	737	358	0	0	0
	88B2	08.04.10	12.04.10	15.04.10	7	86	0	14	610	296	0	0	0
	88B3	08.04.10	12.04.10	15.04.10	7	83	8	9	640	0	32	0	0
Slightly crinkled leaf. Very uniform. Very good Facepack material. Easy to see, cut and bag. Looks very good in tray.													
Medium depth curds.													
Elsoms	89A1	15.04.10	22.04.10	26.04.10	11	69	19	12	737	0	101	0	0
	89A2	15.04.10	19.04.10	26.04.10	11	79	7	14	697	0	32	0	0
	89A3	19.04.10	22.04.10	26.04.10	7	92	0	8	705	0	0	0	0
	89B1	22.04.10	26.04.10	26.04.10	4	87	7	6	930	0	36	0	0
	89B2	22.04.10	26.04.10	26.04.10	4	83	8	9	739	0	37	0	0
	89B3	22.04.10	26.04.10	26.04.10	4	83	0	17	641	0	0	0	0
Large leaf. Slightly curly leaf type. Uniform. Light/medium weight curds. Looks good in tray. Good Facepack material.													
Will turn off white if not cut every 3 days.													
Nickerson	90A1	05.04.10	15.04.10	22.04.10	17	80	0	20	585	0	0	0	0
	90A2	08.04.10	15.04.10	19.04.10	11	86	0	14	760	0	0	0	0
	90A3	08.04.10	15.04.10	19.04.10	11	75	0	25	577	0	0	0	0
	90B1	15.04.10	19.04.10	26.04.10	11	88	0	12	946	0	0	0	0
	90B2	15.04.10	19.04.10	26.04.10	11	92	0	8	634	253	0	0	0
	90B3	15.04.10	19.04.10	26.04.10	11	83	8	9	641	0	32	0	0
Very good Facepack material. Uniform. Tight wrapper leaves over curds. Paler inner leaf. Few defects. Good weight. Clean leaf.													

## TIME OF PLANTING AND SPACING TRIAL

2009 - 10

A plots transplanted 10th July  
 A1 and B1 8580/Acre A2 and B2 7096/Acre A3 and B3 6150/Acre

B plots transplanted 21st July  
 A3 and B3 6150/Acre

VARIETY	PLOT	CUTTING PERIOD			DAYS	Class		Umkt	Facepack	Class 2
		10%	50%	90%		1	2			
Elsoms	91A1	08.04.10	15.04.10	23.04.10	15	64	25	11	689	16
	91A2	08.04.10	12.04.10	15.04.10	7	79	14	7	697	115
	91A3	08.04.10	12.04.10	22.04.10	14	58	25	17	448	63
Tempest	91B1	15.04.10	19.04.10	22.04.10	7	63	19	18	670	96
	91B2	15.04.10	19.04.10	19.04.10	4	92	0	8	823	101
	91B3	15.04.10	15.04.10	19.04.10	4	92	0	8	705	0
Good Facepack material. Slightly crinkled leaf. Easy to see, cut and pack. A few ricey curds. Better at the wider spacing.										
Will turn off white if not cut every 3 days.										
Syngenta	92A1	05.04.10	15.04.10	19.04.10	14	86	14	0	613	77
	92A2	05.04.10	08.04.10	15.04.10	10	92	0	8	824	409
	92A3	05.04.10	08.04.10	15.04.10	10	100	0	0	769	0
Charif	92B1	15.04.10	19.04.10	24.04.10	9	88	0	12	938	0
	92B2	15.04.10	19.04.10	22.04.10	7	88	0	12	776	0
	92B3	15.04.10	15.04.10	22.04.10	7	92	0	8	705	0
Prominent vein to leaf. Slightly pointed leaf. Slightly wide base to solid curds. Some large curds. Very good Facepack material.										
Elsoms	93A1	12.04.10	15.04.10	15.04.10	3	75	13	12	737	89
	93A2	12.04.10	15.04.10	15.04.10	3	100	0	0	721	34
	93A3	08.04.10	12.04.10	15.04.10	7	71	7	22	549	222
Invicta	93B1	15.04.10	15.04.10	19.04.10	4	81	13	6	871	0
	93B2	15.04.10	19.04.10	19.04.10	4	64	21	15	507	27
	93B3	12.04.10	15.04.10	19.04.10	7	75	17	8	577	67
Large frame. Uniform. Good Facepack material. A few loose off white curds with later transplantings. Clean leaf. Looks good in tray.										
Syngenta	94A1	19.04.10	26.04.10	26.04.10	7	81	12	7	871	84
	94A2	19.04.10	22.04.10	26.04.10	7	79	7	14	697	0
	94A3	08.04.10	12.04.10	15.04.10	7	71	7	22	549	32
CFL 4717	94B1	19.04.10	22.04.10	26.04.10	7	79	7	14	697	27
	94B2	19.04.10	26.04.10	26.04.10	7	64	21	15	570	0
	94B3	12.04.10	15.04.10	19.04.10	7	75	16	9	577	96
Fairly uniform. Easy to see, cut and pack. Light curds. Reasonable curd cover. Good Facepack material. Needs cutting every 3 days.										

**2009 - 10**

**TIME OF PLANTING AND SPACING TRIAL**

**A plots transplanted 10th July**      **B plots transplanted 21st July**  
**A1 and B1 8580/Acre**      **A2 and B2 7096/Acre**      **A3 and B3 6150/Acre**

VARIETY	PLOT	CUTTING PERIOD			DAYS	Class		Unmkt	Facepack		Class 2	
		10%	50%	90%		1	2		Class 1	Class 2	Crates/Acre	
Syngenta Darwin	95A1	29.04.10	29.04.10	03.05.10	4	94	0	6	1016	0	16	12
	95A2	29.04.10	03.05.10	03.05.10	4	85	0	15	754	0	0	0
	95A3	29.04.10	29.04.10	03.05.10	4	95	0	5	734	0	0	0
	95B1	29.04.10	29.04.10	03.05.10	4	80	0	20	858	0	0	0
	95B2	03.05.10	03.05.10	06.05.10	3	80	4	16	710	0	18	0
	95B3	29.04.10	03.05.10	06.05.10	7	92	0	8	707	0	0	0
<b>Pale green leaf. Uniform. Upright frame. Large frame. Good Facepack material. Few defects. Looks good in tray. Good weight.</b>												
Seminis RX5370	96A1	19.04.10	22.04.10	26.04.10	7	87	3	10	930	0	18	0
	96A2	19.04.10	22.04.10	26.04.10	7	87	3	10	769	0	15	0
	96A3	19.04.10	22.04.10	26.04.10	7	80	7	13	615	0	13	17
	96B1	22.04.10	26.04.10	26.04.10	4	77	10	13	787	48	54	0
	96B2	15.04.10	26.04.10	26.04.10	11	83	3	14	739	0	15	0
	96B3	22.04.10	22.04.10	26.04.10	4	77	10	13	589	0	38	0
<b>Excellent Facepack material. Uniform. Dark green leaf type. Easy to see, cut and pack. Solid medium/deep curds.</b>												
Seminis Trenale	97A1	19.04.10	22.04.10	26.04.10	7	80	3	17	858	0	18	0
	97A2	19.04.10	22.04.10	26.04.10	7	86	3	11	769	0	15	0
	97A3	19.04.10	22.04.10	26.04.10	7	75	10	15	576	0	38	0
	97B1	26.04.10	26.04.10	03.05.10	7	81	5	14	868	0	26	0
	97B2	22.04.10	26.04.10	03.05.10	11	82	0	18	731	0	0	0
	97B3	22.04.10	26.04.10	03.05.10	11	84	0	16	647	0	0	30.11.09
<b>Uniform. Very good Facepack material. Easy to see, cut and bag. A few small plants/curds. Very few defects. Looks good in tray.</b>												