

<b>Project title</b>	Field vegetables: An evaluation of autumn/winter cauliflower, spring cabbage cultivars and other winter Brassica crops.
<b>Project number:</b>	FV 202c
<b>Project leader:</b>	Bill Herring, Duchy College
<b>Report:</b>	Final report March 2009
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<b>Location of project:</b>	Trevarnon Farm, Gwithian, Cornwall.
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<b>Date project commenced:</b>	1 <sup>st</sup> April 2006
<b>Date project completed:</b>	31 <sup>st</sup> March 2009
<b>Key words:</b>	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.

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## **Grower Summary**

### **Headline**

Some new Autumn and Winter Cauliflower varieties can increase income by £575/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 has carried out the evaluation of commercially available Autumn, Winter Cauliflower and Spring greens varieties over the past 12 years. Improvements in plant breeding result in new cultivars being introduced. These cultivars need to be assessed alongside current and established varieties in order to compare yield 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. A comparison of 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**

- 15 Autumn varieties from 4 seedhouses were evaluated for the 2008 season. Transplanted 18/07/08 at a spacing of 10249/ac (25315/ha). Harvested between 06/10/08 and 23/11/08 producing between 41 and 86% Class 1 yields, compared to between 65 and 82% in 2007 and 40 and 82% in 2006.
- 69 Winter varieties from 7 seedhouses were evaluated (compared to 60 varieties for 2007 – 08 and 66 varieties for 2006 – 07). Transplanted on the 16/07/08 and 24/07/08 at 7096/ac (17527/ha) and 8580/ac (21193/ha). Transplanting delayed by very wet conditions in early July. 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 as in 2007 – 08.

- 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. 5 varieties from 3 seedhouses, all seen in the Variety Trial in 2006 - 07.  
4 Hybrid varieties alongside the traditional Winter Green variety.  
Transplanted on the 26<sup>th</sup> September 2008 into excellent conditions by machine with 200 plants of each variety being grown.

The following tables give the top performing varieties for the 2008 – 09 season.

**Note:** Detailed results are found in the appendix section of the full report.

### **Autumn Cauliflower Varieties**

#### **Top performing varieties**

<b>Seed house</b>	<b>Variety</b>	<b>% Grade1</b>	<b>Trays/acre</b>	<b>Heading period</b>
Clause	Meridian	86	1149	06.10.08 - 13.10.08
Clause	Naruto	83	1137	11.10.08 - 18.10.08
Clause	Regata	75	987	11.10.08 - 25.10.08
Seminis	Aquato	71	939	13.10.08 - 04.11.08
Nickerson	Kamis	77	1001	16.10.08 - 31.10.08
Elsoms	BJ 2670	71	913	10.11.08 - 23.11.08

**Winter Cauliflower Varieties****Top performing varieties**

<b>Seed house</b>	<b>Variety</b>	<b>% Grade1</b>	<b>Trays/acre</b>	<b>Heading period</b>
Clause	CLX 33514	100	899	23.10.08 - 30.10.08
Clause	CLX 33608	74	794	06.11.08 - 27.11.08
Clause	CLX 33515	87	810	10.11.08 - 23.11.08
Clause	Galiote	83	900	13.11.08 - 27.11.08
Elsoms	Belot	91	889	20.11.08 - 01.12.08
Tozer	1011	77	728	20.11.08 - 23.11.08
Clause	Triomphant	86	932	20.11.08 - 08.12.08
Seminis	RX 5962	96	1034	20.11.08 - 24.11.08
Nickerson	Cendis	80	739	21.11.08 - 08.12.08
Elsoms	Maginot	85	783	23.11.08 - 10.12.08
Tozer	1023	74	834	27.11.08 - 08.12.08
Nickerson	Deonis	74	834	19.01.09 - 23.02.09
Seminis	RX 5697	84	745	22.01.09 - 09.02.09
Seminis	Tintagel	83	739	29.01.09 - 26.02.09
Clause	Brick	89	957	05.02.09 - 19.02.09
Seminis	RX 5378	80	709	05.02.09 - 26.02.09
Syngenta	Canten	87	771	09.02.09 - 23.02.09
Nickerson	Vil 5049	80	858	12.02.09 - 04.03.09
Tozer	2026	80	724	16.02.09 - 04.03.09
Clause	Fleet	80	710	16.02.09 - 26.02.09
Tozer	2042	80	828	23.02.09 - 09.03.09
Tozer	2048	84	769	23.02.09 - 16.03.09
Elsoms	Mystique	92	887	23.02.09 - 16.03.09
Tozer	2040	92	816	26.02.09 - 05.03.09
Clause	Matelot	88	923	26.02.09 - 05.03.09
Syngenta	Clemen	82	894	26.02.09 - 06.03.09
Clause	Marsouin	92	946	04.03.09 - 09.03.09
Seminis	Trewint	77	866	05.03.09 - 16.03.09
Clause	Mascaret	86	887	05.03.09 - 16.03.09
Semins	Cadal	93	898	05.03.09 - 09.03.09
Elsoms	Madiot	84	824	05.03.09 - 16.03.09
Elsoms	BJ 2713	92	1004	05.03.09 - 16.03.09
Clause	CLX 33829	88	839	09.03.09 - 23.03.09
Elsoms	Isadora	93	1046	12.03.09 - 16.03.09
Elsoms	Tempest	84	757	12.03.09 - 26.03.09
Syngenta	Charif	92	863	16.03.09 - 30.03.09
Tozer	2056	89	957	19.03.09 - 30.03.09
Elsoms	Invicta	82	881	19.03.09 - 26.03.09
Nickerson	Vedis	86	970	26.03.09 - 02.04.09
Elsoms	Vogue	86	919	02.04.09 - 06.04.09
Syngenta	CFL 4717	80	734	06.04.09 - 16.04.09
Syngenta	Darwin	84	769	14.04.09 - 23.04.09

## Spring Green Varieties

<b>Seedhouse Variety</b>	<b>Comments</b>	<b>Transplanting Date</b>	<b>Harvest Date</b>	<b>Pack out Yield Trays/Acre (10 bags x 550 grams)</b>
<b>Seminis Winter Supreme</b>	Uniform. Slight crinkled leaf. Squat frame. Good greens.	26.09.08	03.04.09	1021
<b>Seminis Winter Special</b>	Leafy. Strong midrib. Will heart up. Good greens. Fairly uniform.	26.09.08	03.04.09	1008
<b>Sakata Kempsey</b>	Squat frame. A little variation. Good greens.	26.09.08	03.04.09	892
<b>Tozer Wintergreen</b>	Crinkled leaf type. Leggy. Some variation in Size. Will heart up. Paler inner leaf.	26.09.08	03.04.09	910

The results of the trials to date for the 2008-09 season, clearly show the influences of the time of planting, spacing and the weather on the varietal performance. Transplanting late had an adverse effect on yield on a number of varieties and it was evident that the wet weather reduced vigour and marketable yield on a number of varieties. These variables need to be considered when using the data from the Trials. Variety performance over a number of seasons needs to be considered when selecting suitable varieties. Some varieties have performed well in all three years of this Trial.

### **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 £223/ac (£575/ha) for a variety producing an extra 10% Grade 1 marketable yield (858 curds @ 26p).
- By using the Trials data to select the best new varieties growers will save in the region of £1000/ac (£2470/ha) in trials costs on their own farms. The trials data can be found on [www.cornwall.ac.uk/research/herring/](http://www.cornwall.ac.uk/research/herring/)

### **Action points for growers**

- To visit the website to compare variety performance and heading dates over the past two seasons against their own records and plan accordingly. ([www.cornwall.ac.uk/research/herring/](http://www.cornwall.ac.uk/research/herring/))
- To incorporate new varieties into crop planning and harvesting strategies.



## Science Section

### Summary of Results

The following tables give the top performing varieties for the 2008 – 09 season. Detailed results are in the Appendices attached.

#### Autumn Cauliflower Varieties.

Top performing varieties

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#### Winter Cauliflower Varieties.

Top performing varieties

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## **Discussion**

The results of the trials to date for the 2008-09 season, clearly show the influences of the time of planting, spacing and the weather on the varietal performance. The late transplantings had an adverse effect on yields on a number of varieties and it was evident that the wet weather reduced vigour and marketable yield on a number of varieties. These variables need to be considered when using the data from the Trials. Variety performance over a number of seasons needs to be considered when selecting suitable varieties. Some varieties have performed well in all three years of this Trial.

## **Technology transfer**

Updated website and distributed handouts at 3 Trials Open days held in November 2008, January and March 2009.

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

## **Appendices**

### **Appendix 1 Cultural information 2008**

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 150ac (61ha) 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.

### **Appendix 3 List of varieties**

1. List of Autumn Cauliflower Varieties 2008
2. List of Winter Cauliflower Varieties in the Time of Planting and Spacing Trial
3. List of Winter Cabbage varieties

### **Appendix 4 Full Trials results**

1. Autumn Cauliflower Varieties
2. Winter Cauliflower Varieties

## **APPENDIX 1: Cultural Information 2008 - 09**

### **Autumn and Winter Cauliflower Trials**

#### Fertiliser

30.06.08	Base Dressing 926kg/ha (7.5cwt/ac) 6-18-36
01.09.08	Top Dressing 247kg/ha (2.0cwt/ac) Calcium Nitrate
23.10.08	Top Dressing 247kg/ha (2.0cwt/ac) Calcium Nitrate
20.12.08	Top Dressing 247kg/ha (2.0cwt/ac) Calcium Nitrate
11.02.09	Top Dressing 247kg/ha (2.0cwt/ac) Calcium Nitrate

#### Weed control

10.07.08	Treflan 2.3 l/ha
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#### Pest/Disease control

Wire netting prior to transplanting as rabbit control.

10.07.08	Cyren 'Dursban' @ 2 l/ha applied with Treflan (cutworm control) in 300 l of water
16.09.08	Aphox @ 420 g/ha (Aphid control) Hallmark C @ 50 ml/ha (Caterpillar control) Wetta @ 100 ml/ha in 300 l of water/ha
13.10.08	Amistar Top @ 1 l/ha Hallmark C @ 50 ml/ha (Caterpillar control) Bio 20 @ 2 l/ha Maxicrop equivalent) Wetta @ 90 ml/ha in 400 l of water/ha
15.10.08	Mice bait around headlands
15.12.08	Plover @ 300 ml/ha Activate 90 @ 30ml/ha 300 l of water/ha
13.02.09	Amistar Top @ 1 l/ha Wetta @ 90 ml/ha in 300 l of water

#### Transplanting dates

18.07.08	Autumn Cauliflower Variety Trial
16 & 24.07.08	Winter Cauliflower Time of planting
28.07.08	Late Time of Planting Trial
18.07.08	Confidential Plots

23.07.08 Late Variety Trial



**APPENDIX 2: Brassica Trial Plan**

**DUCHY BRASSICA TRIALS 2008 - 09 CORNWALL**

**Time of planting  
Spacing Trial  
16 rows**

101	102
99	100
97	98

**Time of planting  
Spacing Trial  
16 rows**

123	124
121	122
119	120
117	118
115	116
113	114
111	112
109	110
107	108
105	106
103	104

**Time of planting  
Spacing Trial  
16 rows**

143	144
141	142
139	140
137	138
135	136
133	134
131	132
129	130
127	128
125	126

**Time of planting  
Spacing Trial  
16 rows**

165	166
163	164
161	162
159	160
157	158
155	156
153	154
151	152
149	150
147	148
145	146

**Confidential  
16 rows**

Plots 277-280
Confidential
Plots 266-276
Seminis
Winter Varieties
Plots 206-265
Clause
Plots 166-205

**Late Varieties  
8 rows**

FT3063	FT3007
FT3062	FT3008
FT3058	FT3018
FT3054	FT3022
FT3052	FT3031
FT3044	FT3042
FT3042	FT3044
FT3031	FT3052
FT3022	FT3054
FT3018	FT3058
FT3008	FT3062
FT 3007	FT3063

**Seminis Late Autumn Varieties**

Plots 31 - 96

**Autumn  
Varieties**

29	30		
25	26	27	28
21	22	23	24
17	18	19	20
13	14	15	16
9	10	11	12
5	6	7	8
1	2	3	4

R  
O  
A  
D  
W  
A  
Y

R  
O  
A  
D  
W  
A  
Y

R  
O  
A  
D  
W  
A  
Y

R  
O  
A  
D  
W  
A  
Y

**Seminis**

**Late planting**

Plots 281-284

Ciren Time of Planting

**Seminis**

**Late planting**

Plots 277-280

**Confidential**

Plots 266-276

**Seminis**

**Winter Varieties**

Plots 206-265

**Clause**

Plots 166-205

R  
O  
A  
D  
W  
A  
Y

H  
E  
D  
G  
E

40'6" 3' path

58'6" 4'path

Plot 285 Plot 286

**HEADLAND**

34X18 34X21.5



**SPACING 34 X 18 27 PLANTS/ROW 40'6" LENGTH 10249/Acre 4 row plots**

<b>Plot No</b>	<b>SEED HOUSE</b>	<b>VARIETY</b>
1	NICKERSON ZWAAN	KAMIS
2	SEMINIS ( R.Sluis)	RX5681
3	SEMINIS	ADAMELLO
4	SEMINIS	APPIA
5	SEMINIS	RX5984
6	SEMINIS	AMIATA
7	SEMINIS	AQUATO
8	CLAUSE	NARUTO (CLX33516)
9	CLAUSE	MERIDIEN (CLX3340)
10	CLAUSE	RAFALE
11	CLAUSE	REGATA
12	CLAUSE	INTREPID
13	CLAUSE	OPTIMIST
14	ELSOMS	BJ2669
15	ELSOMS	BJ2670
16	ELSOMS	BJ2670
17	ELSOMS	BJ2669
18	CLAUSE	OPTIMIST
19	CLAUSE	INTREPID
20	CLAUSE	REGATA
21	CLAUSE	RAFALE
22	CLAUSE	MERIDIEN (CLX3340)
23	SEMINIS	AQUATO
24	CLAUSE	NARUTO (CLX33516)
25	SEMINIS	AMIATA
26	SEMINIS	RX5984
27	SEMINIS	APPIA
28	SEMINIS	ADAMELLO
29	SEMINIS ( R.Sluis)	RX5681

**TIME OF PLANTING and SPACING TRIAL 2008 – 09****SPACINGS 34 X 21.5" (8580/Acre) and 34 x 26" (7096/Acre) 8 row plots**

<b>Plot No</b>	<b>SEED HOUSE</b>	<b>VARIETY</b>	<b>HEADING PERIOD</b>
97	CLAUSE	CLX33514	Late Nov/Dec
98	CLAUSE	CLX 33515	Late Nov/Dec
99	CLAUSE	GALIOTE	Early December
100	ELSOMS	BELOT	Early/mid Dec
101	NICKERSON-ZWAAN	CENDIS	Early December
102	SYNGENTA	LORIEN	Early December
103	SEMINIS	TONALE (5993)	Mid December
104	ELSOMS	MAGINOT	Mid December
105	CLAUSE	CLX 33609	Mid/Late Dec
106	TOZER	1001	Mid/Late Dec
107	CLAUSE	TRIOMPHANT	Mid/Late Dec
108	SYNGENTA	BUREN	Late December
109	TOZER	1014	Late December
110	SYNGENTA	CFL 4733	Late December
111	SEMINIS	RX5978	Late December
112	CLAUSE	CLX 33821	Late Dec/Early Jan
113	SEMINIS	RX5962	Late Dec/Early Jan
114	CLAUSE	HERMINE	Late Dec/Early Jan
115	CLAUSE	CLX 33608	Late Dec/Early Jan
116	SYNGENTA	ALPEN	Early January
117	NICKERSON-ZWAAN	CF AB 1004	Mid January
118	SYNGENTA	ARKWRIGHT	Early/Mid January
119	SEMINIS	RX5697	Early/Mid January
120	TOZER	1018	Mid January
121	SEMINIS	TERMINELLO	Mid January
122	TOZER	1020	Mid January
123	TOZER	1008	Mid/Late January
124	SEMINIS	TREKNOW	Mid/Late January
125	TOZER	1023	Mid/Late January
126	NICKERSON-ZWAAN	DIONIS (Vil 5007)	Late January
127	CLAUSE	BRICK	Late January
128	CLAUSE	REDOUTABLE	Early February
129	TOZER	2017	Early February
130	NICKERSON-ZWAAN	Vil 5049	Early February
131	SYNGENTA	BOULEN	Early/Mid Feb
132	TOZER	2026	Mid February

<b>Plot No</b>	<b>SEED HOUSE</b>	<b>VARIETY</b>	<b>HEADING PERIOD</b>
133	NICKERSON-ZWAAN	Vil 5102	Mid February
134	SEMINIS	5378	Mid February
135	TOZER	2040	Mid February
136	ELSOMS	MEDAILLON	Mid February
137	TOZER	2042	Mid February
138	CLAUSE	MATELOT	Mid February
139	SEMINIS	TINTAGEL	Mid February
140	SYNGENTA	Canten SG 4716	Mid February
141	CLAUSE	FLEET	Mid February
142	SYNGENTA	BRODEN	Mid/Late February
143	SEMINIS	TREWINT	Mid/Late February
144	SYNGENTA	CLEMEN	Mid/Late February
145	CLAUSE	MASCARET	Mid/Late February
146	SYNGENTA	CFL 4722	Mid/Late February
147	SEMINIS	CADAL	Mid/Late February
148	ELSOMS	BJ 2713	End February
149	CLAUSE	MARSOUIN	Early March
150	ELSOMS	MADIOT	Early March
151	TOZER	2048	Mid March
152	ELSOMS	MYSTIQUE	Mid March
153	ELSOMS	ISADORA	Mid/Late March
154	TOZER	2056	Mid/Late March
155	ELSOMS	VOGUE	Mid/Late March
156	NICKERSON-ZWAAN	VEDIS (Vil 6322)	Late March
157	ELSOMS	TEMPEST	Late March
158	SYNGENTA	CHARIF	Late March
159	ELSOMS	INVICTA	Late March
160	CLAUSE	CLX 33829	Late March/April
161	SYNGENTA	CFL 4717	Late March/April
162	SYNGENTA	DALMAR	Early April
163	SYNGENTA	DARWIN	Early April
164	SEMINIS	RX5370	Early/Mid April
165	SEMINIS	TRENALE	Mid April

## **WINTER CABBAGE TRIALS    GWITHIAN    2008 - 09**

This trial was planted on the 26th September into excellent conditions.

5 Rows to a bed

Approximately 2000 plants of each variety. All module plants (300/tray)

### **VARIETIES IN TRIAL**

#### **Plot No**

- |    |                |                                   |
|----|----------------|-----------------------------------|
| 1. | Winter Supreme |                                   |
| 2. | Winter Special |                                   |
| 3. | Kempsy         |                                   |
| 4. | Wintergreen    |                                   |
| 5. | Wintergreen    | 0.5 l Fox/ha in 300 l of water/ha |
| 6. | Wintergreen    | 1.0 l Fox/ha in 300 l of water/ha |
| 7. | Wintergreen    | Control plot (No Fox applied)     |

(Plots 1 – 4 weed control by inter row cultivations)

**APPENDIX 4: Full Trials Results – Autumn and Winter Varieties**

**AUTUMN CAULIFLOWER VARIETY TRIAL**

**EARLY VARIETIES 2008**

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

VARIETY	PLOT	CUTTING PERIOD			DAYS	Class 1	Class 2	Unmarket	Crates / Acre				
		10%	50%	90%					Facepack		Class 2		
								8	6	16	12		
<b>KAMIS</b>	<b>1</b>	16.10	27.10	30.10	14	77	9	14	952	49	55	0	
<b>Average</b>		<b>16.10</b>	<b>27.10</b>	<b>30.10</b>	<b>14</b>	<b>77</b>	<b>9</b>	<b>14</b>	<b>952</b>	<b>49</b>	<b>55</b>	<b>0</b>	

Small frame Uniform. Good Facepack material. Smooth curd. Medium depth. A few small plants/curds. Very few defects.

<b>RX5681</b>	<b>2</b>	6.11	10.11	20.11	14	54	19	27	693	0	121	0	
	<b>29</b>	10.11	10.11	15.11	5	55	15	30	704	0	96	0	
<b>Average</b>		<b>8.11</b>	<b>10.11</b>	<b>17.11</b>	<b>9</b>	<b>55</b>	<b>17</b>	<b>28</b>	<b>699</b>	<b>0</b>	<b>109</b>	<b>0</b>	

Small open frame. Some off white curds. Some good Facepack material. Medium depth curds.

<b>ADAMELLO</b>	<b>3</b>	16.10	27.10	6.11	21	78	3	19	993	0	16	0	
	<b>28</b>	16.10	20.10	27.10	11	62	18	20	683	152	85	38	
<b>Average</b>		<b>16.10</b>	<b>23.10</b>	<b>1.11</b>	<b>16</b>	<b>70</b>	<b>10.5</b>	<b>19.5</b>	<b>838</b>	<b>76</b>	<b>50.5</b>	<b>19</b>	

Solid curds. Dark green leaf. Compact frame. Slightly crinkled leaf. Very good Facepack material. A few off white curds. Medium depth. Few defects.

<b>APPIA</b>	<b>4</b>	20.10	30.10	10.11	21	53	32	15	673	0	208	0	
	<b>27</b>	16.10	20.10	27.1	11	55	24	21	582	155	97	78	
<b>Average</b>		<b>18.10</b>	<b>25.10</b>	<b>3.11</b>	<b>16</b>	<b>54</b>	<b>28</b>	<b>18</b>	<b>628</b>	<b>77</b>	<b>153</b>	<b>39</b>	

Deep heavy curds. Slightly wide base to curds. Some loose curds. Large frame. Some good Facepack material. Very white curds. Will turn off white if not cut every 2 or 3 days.

<b>RX5984</b>	<b>5</b>	10.11	21.11	21.11	11	64	26	10	820	0	128	51	
	<b>26</b>	10.11	21.11	23.11	13	54	36	10	692	0	231	0	
<b>Average</b>		<b>10.11</b>	<b>21.11</b>	<b>22.11</b>	<b>12</b>	<b>59</b>	<b>31</b>	<b>10</b>	<b>756</b>	<b>0</b>	<b>180</b>	<b>25</b>	

Tall frame. Good Facepack material. Uniform. A few loose curds. Needs cutting every 2 or 3 days or will turn off white. Smooth curd.

# AUTUMN CAULIFLOWER VARIETY TRIAL

## EARLY VARIETIES 2008

## SPACING 34" X 18" 10249/Acre

VARIETY	PLOT	CUTTING PERIOD			DAYS	Class 1	Class 2	Unmarket	Crates / Acre			
		10%	50%	90%					Facepack		Class 2	
								8	6	16	12	

<b>AMIATA</b>	<b>6</b>		16.10	23.10	6.11	21	65	12	23	829	0	75	0
	<b>25</b>		16.10	23.10	30.10	14	53	27	20	655	38	171	0
<b>Average</b>			<b>16.10</b>	<b>23.10</b>	<b>2.11</b>	<b>18</b>	<b>59</b>	<b>20</b>	<b>21</b>	<b>742</b>	<b>19</b>	<b>123</b>	<b>0</b>

Medium/tall frame. Slightly wide base to curds. Smooth curds. Good Facepack material. Solid curds. Will turn of white if not cut every 2 or 3 days. A few loose curds.

<b>AQUATO</b>	<b>7</b>		13.10	27.10	3.11	21	69	14	17	732	195	92	0
	<b>23</b>		13.10	16.10	6.11	24	73	11	16	911	38	71	0
<b>Average</b>			<b>13.10</b>	<b>21.10</b>	<b>4.11</b>	<b>23</b>	<b>71</b>	<b>13</b>	<b>16</b>	<b>822</b>	<b>117</b>	<b>82</b>	<b>0</b>

Smooth curds. Very good Facepack material. A few discoloured curds. Easy to see, cut and bag. Medium depth curds.

<b>NARUTO</b>	<b>8</b>		9.10	13.10	20.10	11	82	8	10	871	239	26	34
	<b>24</b>		13.10	13.10	16.10	3	84	12	4	820	342	64	17
<b>Average</b>			<b>11.10</b>	<b>13.10</b>	<b>18.10</b>	<b>7</b>	<b>83</b>	<b>10</b>	<b>7</b>	<b>846</b>	<b>291</b>	<b>45</b>	<b>25</b>

Uniform. Strong frame. Some large curds. Good Facepack material. Slightly wide base to curds. Easy to see, cut and bag. Good leaf cover.

<b>MERIDIEN</b>	<b>9</b>		6.10	13.10	13.10	7	86	6	8	999	137	26	17
	<b>22</b>		6.10	13.10	16.10	10	86	10	4	922	239	38	26
<b>Average</b>			<b>6.10</b>	<b>13.10</b>	<b>14.1</b>	<b>9</b>	<b>86</b>	<b>8</b>	<b>6</b>	<b>961</b>	<b>188</b>	<b>32</b>	<b>21</b>

Very uniform. Slightly wide base to curds. Clean leaf. White curds. Good Facepack material. Looks good in tray. Base low to the ground. Very few defects

<b>RAFALE</b>	<b>10</b>		9.10	16.10	27.10	18	70	16	14	897	0	102	0
	<b>21</b>		13.10	16.10	3.11	21	70	14	16	871	34	90	0
<b>Average</b>			<b>11.10</b>	<b>16.10</b>	<b>30.10</b>	<b>20</b>	<b>70</b>	<b>15</b>	<b>15</b>	<b>884</b>	<b>17</b>	<b>96</b>	<b>0</b>

Compact frame. Well protected curds. Base close to ground. Very uniform. Solid curds. Looks very good in tray. Pale green leaf. Will turn off white.

# AUTUMN CAULIFLOWER VARIETY TRIAL

## EARLY VARIETIES 2008

## SPACING 34" X 18" 10249/Acre

VARIETY	PLOT	CUTTING PERIOD			DAYS	Class 1	Class 2	Unmarket	Crates / Acre				
		10%	50%	90%					Facepack		Class 2		
								8	6	16	12		
<b>REGATA</b>	<b>11</b>	13.10	16.10	27.10	14	74	12	14	897	68	77	0	
	<b>20</b>	9.10	16.10	23.10	14	76	8	16	871	137	51	0	
<b>Average</b>		<b>11.10</b>	<b>16.10</b>	<b>25.10</b>	<b>14</b>	<b>75</b>	<b>10</b>	<b>15</b>	<b>884</b>	<b>103</b>	<b>64</b>	<b>0</b>	

Medium/large frame. Slightly wide base to curds. Fairly uniform. Good Facepack material. Needs cutting every 2 or 3 days or will turn off white. A few small plants/curds.

<b>INTREPID</b>	<b>12</b>	20.10	23.10	3.11	14	47	33	20	569	38	214	0	
	<b>19</b>	20.10	27.10	10.11	21	56	22	22	712	0	142	0	
<b>Average</b>		<b>20.10</b>	<b>25.10</b>	<b>6.11</b>	<b>18</b>	<b>52</b>	<b>27</b>	<b>21</b>	<b>641</b>	<b>19</b>	<b>178</b>	<b>0</b>	

Uniform. Tendency to be off white in colour. Some small plants/curds. Good curd cover. Slightly knobbly curds. Good Facepack material.

<b>OPTIMIST</b>	<b>13</b>	20.10	23.10	30.10	10	50	22	28	615	34	115	34	
	<b>18</b>	20.10	23.10	30.10	10	32	36	32	410	0	231	0	
<b>Average</b>		<b>20.10</b>	<b>23.10</b>	<b>30.10</b>	<b>10</b>	<b>41</b>	<b>29</b>	<b>30</b>	<b>513</b>	<b>17</b>	<b>173</b>	<b>17</b>	

Slightly knobbly curds. Wide base to curds. Large leaves. Heavy curds. 30% loose off white curds. Some good Facepack material. Twisted leaf over curd

<b>BJ2669</b>	<b>14</b>	20.10	20.10	30.1	10	42	37	21	529	0	209	37	
	<b>17</b>	20.10	3.11	10.11	21	58	26	16	717	34	154	17	
<b>Average</b>		<b>20.10</b>	<b>27.10</b>	<b>4.11</b>	<b>15</b>	<b>50</b>	<b>32</b>	<b>18</b>	<b>623</b>	<b>17</b>	<b>182</b>	<b>27</b>	

Well protected heavy curds. Some loose curds. High % of discoloured curds. Has potential. Good frame.

<b>BJ2670</b>	<b>15</b>	10.11	15.11	23.11	13	65	28	7	801	43	176	0	
	<b>16</b>	10.11	15.11	23.11	13	76	19	5	982	0	128	0	
<b>Average</b>		<b>10.11</b>	<b>15.11</b>	<b>23.11</b>	<b>13</b>	<b>71</b>	<b>23</b>	<b>6</b>	<b>892</b>	<b>21</b>	<b>152</b>	<b>0</b>	

Strong frame. Leafy. Slightly twisted leaf over curd. Very good Facepack material. Looks excellent in tray. Clean leaf. Very few defects. Uniform.

# TIME OF PLANTING AND SPACING TRIAL

2008 - 09

A 8580/Acre Transplanted 16 July 2008

B 8580/Acre Transplanted 24 July 2008

C 7096/Acre Transplanted 16 July 2008

D 7096/Acre Transplanted 24 July 2008

VARIETY	PLOT	CUTTING PERIOD			DAYS	Class	Class	Unmkt	Facepack	Class 2			
		10%	50%	90%		1	2			Class 1	Crates/Acre	8	6
Clause	97A	20.10	23.10	27.10	7	75	11	14	804	0	57	0	
Tezier	97B	20.11	21.11	23.11	3	82	11	7	613	357	57	0	
CLX33514	97C	23.10	23.10	30.10	7	100	0	0	848	51	0	0	
	97D	13.11	20.11	20.11	7	80	8	12	710	0	35	0	
<b>Good Facepack material. Tight wrapper leaf. Uniform. Slightly wide base to curds. Small purple bracts on inside of curd. Heavy curds.</b>													
Clause	98A	6.11	13.11	21.11	15	68	32	0	651	102	134	51	
Tezier	98B	20.11	23.11	27.11	7	71	14	15	728	51	77	0	
CLX33515	98C	3.11	10.11	21.11	18	78	17	5	540	206	58	26	
	98D	10.11	21.11	23.11	13	87	4	9	656	154	0	26	
<b>Heavy curds. Slightly wide base to curds. Good leaf cover with twisted leaves over curd. Similar to CLX33514. Clean leaf.</b>													
<b>Slightly knobby curds. Good Facepack material. A few small white bracts. Better at the wider spacing.</b>													
Clause	99A	27.10	6.11	10.11	14	69	28	3	666	99	148	0	
Tezier	99B	13.11	23.11	27.11	14	83	10	7	851	49	55	0	
Galiote	99C	6.11	13.11	21.11	15	56	44	0	426	95	160	47	
	99D	13.11	21.11	1.12	18	68	20	12	568	47	89	0	
<b>Good Facepack material. Uniform. Slightly knobby curds. A few small white bracts with the early curds. Looks good in tray.</b>													
<b>Better quality from later transplanting.</b>													
Elsoms	100A	20.11	21.11	24.11	4	81	11	8	874	0	60	0	
Belot	100B	27.11	10.12	18.12	21	48	32	20	515	0	172	0	
	100C	20.11	23.11	1.12	11	91	4	5	578	309	19	0	
	100D	21.11	8.12	15.12	24	65	15	20	576	0	67	0	
<b>Uniform. Xanthomonas on outer leaves. Good curd cover. Easy to see, cut and bag. Good Facepack material. Medium curd depth.</b>													
<b>Later transplantings producing small frame and curds.</b>													



# TIME OF PLANTING AND SPACING TRIAL

**2008 - 09**

A 8580/Acre Transplanted 16 July 2008

B 8580/Acre Transplanted 24 July 2008

C 7096/Acre Transplanted 16 July 2008

D 7096/Acre Transplanted 24 July 2008

VARIETY	PLOT	CUTTING PERIOD			DAYS	Class	Class	Unmkt		Facepack	Class 2		
						1	2			Class 1			
										Crates/Acre			
		10%	50%	90%		%	%	%		8	6	16	12
Nickerson	101A	20.11	23.11	8.12	18	63	15	22		596	106	79	0
Zwaan	101B	15.12	18.12	29.12	14	60	10	30		643	0	54	0
Cendis	101C	21.11	4.12	8.12	17	80	10	10		621	118	44	0
	101D	4.12	22.12	29.12	25	60	24	16		497	47	106	0
<b>Good Facepack material. Medium sized frame. Good curd cover. Uniform. Need scutting every 2 or 3 days or will turn off white.</b>													
Syngenta	102A	13.11	21.11	1.12	18	63	25	12		626	60	89	60
Lorien	102B	21.11	8.12	15.12	24	59	26	15		636	0	139	0
	102C	6.11	21.11	4.12	28	48	29	23		253	225	105	28
	102D	1.12	10.12	18.12	17	64	16	20		532	47	71	0
<b>Slightly knobbly curds. Good weight. Will turn off white. Some good Facepack material. Better from a later transplanting date.</b>													
<b>Upright frame. Easy to see, cut and bag.</b>													
Seminis	103A	8.12	22.12	5.1	28	68	16	16		734	0	85	0
Tonale	103B	10.12	29.12	5.1	26	67	17	16		715	0	89	0
5593	103C	10.12	18.12	22.12	12	55	20	25		488	0	89	0
	103D	8.12	18.12	29.12	21	53	33	14		473	0	148	0
<b>Dark green leaves. Medium frame. Good wrapper leaf. Slightly wide base to curds. Uniform. Slightly creamy curds.</b>													
<b>Some good Facepack material.</b>													
Elsoms	104A	10.11	23.11	23.11	13	75	11	14		596	265	60	0
Maginot	104B	23.11	27.11	10.12	17	73	12	15		743	55	62	0
	104C	20.11	23.11	24.11	4	85	5	10		754	0	22	0
	104D	23.11	8.12	10.12	17	85	10	5		665	118	44	0
<b>Very good Facepack material. Easy to see, cut and pack. Looks good in tray. Few defects. Medium depth. Clean inner leaves. Uniform.</b>													

## TIME OF PLANTING AND SPACING TRIAL

**2008 - 09**

A 8580/Acre Transplanted 16 July 2008

B 8580/Acre Transplanted 24 July 2008

C 7096/Acre Transplanted 16 July 2008

D 7096/Acre Transplanted 24 July 2008

VARIETY	PLOT	CUTTING PERIOD			DAYS	Class	Class	Unmkt	Facepack	Class 2			
		10%	50%	90%		1	2			Class 1	Crates/Acre		
		10%	50%	90%		%	%	%	8	6	16	12	
Clause	105A	12.1	19.1	29.1	17	50	29	21	536	0	153	0	
Tezier	105B	16.1	19.1	29.1	13	57	14	29	613	0	77	0	
CLX33609	105C	22.12	16.1	29.1	38	68	24	8	603	0	106	0	
	105D	16.1	19.1	26.1	10	80	0	20	709	0	0	0	
<b>Fairly uniform. Some very good Facepack material especially at the wider spacing. Will turn off white if not cut every 2 or 3 days.</b>													
<b>A few small plants/curds. Slightly twisted leaf cover over curds. Looks good in tray. Better at Later transplanting.</b>													
Tozer	106A	21.11	23.11	23.11	2	75	25	0	728	102	134	0	
1001	106B	18.12	22.12	5.1	18	56	36	8	601	0	193	0	
	106C	20.11	23.11	23.11	3	77	15	8	546	182	51	23	
	106D	27.11	4.12	18.12	21	59	30	11	493	0	131	0	
<b>Strong frame. Some irregular shaped curds. Medium to flattish curds. Some good Facepack material. A few loose curds.</b>													
Clause	107A	20.11	23.11	8.12	18	86	4	10	881	51	19	0	
Tezier	107B	27.11	15.12	22.12	25	71	14	15	766	0	77	0	
Triumphant	107C	20.11	23.11	1.12	11	83	9	8	656	103	39	0	
	107D	1.12	15.12	29.12	28	86	4	10	771	0	13	0	
<b>Very good Facepack material. Clean leaf. Well protected curds. Looks very good in tray. Uniform. Easy to see, cut and bag. Few defects.</b>													
Syngenta	108A	15.12	29.12	16.1	32	46	36	18	498	0	192	0	
Buren	108B	16.1	26.1	29.1	13	44	12	44	472	0	64	0	
	108C	18.12	12.1	19.1	32	56	19	25	493	0	82	0	
	108D	5.1	26.1	29.1	24	40	24	36	355	0	106	0	
<b>Some good Facepack material. Smallish curds. Will turn off white. Good leaf count. 17% small plants/curds. Easy to see, cut and bag.</b>													

# TIME OF PLANTING AND SPACING TRIAL

**2008 - 09**

A 8580/Acre Transplanted 16 July 2008

B 8580/Acre Transplanted 24 July 2008

C 7096/Acre Transplanted 16 July 2008

D 7096/Acre Transplanted 24 July 2008

VARIETY	PLOT	CUTTING PERIOD			DAYS	Class	Class	Unmkt	Facepack	Class 2			
		10%	50%	90%		1	2			Class 1	Crates/Acre		
		10%	50%	90%		%	%	%	8	6	16	12	
<b>Tozer</b>	<b>109A</b>	23.11	8.12	22.12	29	44	32	24	472	0	172	0	
<b>1014</b>	<b>109B</b>	1.12	15.12	29.12	28	40	28	32	429	0	150	0	
	<b>109C</b>	23.11	4.12	18.12	25	56	28	16	497	0	124	0	
	<b>109D</b>	10.12	22.12	29.12	19	36	36	28	319	0	160	0	
<b>Open frame. Small light curds. Clean leaf. Struggled to make curd size. Tendency to turn off white. Some good Facepack material.</b>													
<b>Syngenta</b>	<b>110A</b>	8.12	18.12	29.12	21	63	20	17	679	0	107	0	
<b>CFL 4733</b>	<b>110B</b>	29.12	19.1	26.1	28	36	8	56	286	0	43	0	
	<b>110C</b>	4.12	18.12	12.1	39	67	22	11	591	0	99	0	
	<b>110D</b>	22.12	12.1	26.1	35	54	19	27	478	0	85	0	
<b>Wide clean leaves. Easy to see, cut and pack. Smallish curds. One or two cover leaves over curd. Some good Facepack material.</b>													
<b>28% frosted from later transplantings. Much better at wider spacings.</b>													
<b>Seminis</b>	<b>111A</b>	20.11	20.11	24.11	4	96	0	4	1034	0	0	0	
<b>RX5962</b>	<b>111B</b>	1.12	15.12	22.12	21	86	4	10	919	0	19	0	
	<b>111C</b>	20.11	21.11	24.11	4	92	4	4	624	263	16	0	
	<b>111D</b>	1.12	8.12	15.12	14	88	8	4	750	45	34	0	
<b>Excellent Facepack material. Good curd cover. Small/medium frame. Easy to see, cut and pack. Uniform. Looks very good in tray.</b>													
<b>Slightly untidy frame, clean inner leaves.</b>													
<b>Clause</b>	<b>112A</b>	23.11	4.12	18.12	25	64	18	18	689	0	96	0	
<b>Tezier</b>	<b>112B</b>	18.12	22.12	29.12	11	48	30	22	516	0	159	0	
<b>CLX 33821</b>	<b>112C</b>	23.11	4.12	15.12	22	57	26	17	501	0	96	26	
	<b>112D</b>	10.12	18.12	29.12	19	69	18	13	617	0	77	0	
<b>Difficult to see. Twisted leaves over curds. Slightly wide base to curds. Uniform. Medium sized curds. Will turn off white.</b>													
<b>Some loose curds. Some good Facepack material.</b>													

# TIME OF PLANTING AND SPACING TRIAL

**2008 - 09**

A 8580/Acre Transplanted 16 July 2008

B 8580/Acre Transplanted 24 July 2008

C 7096/Acre Transplanted 16 July 2008

D 7096/Acre Transplanted 24 July 2008

VARIETY	PLOT	CUTTING PERIOD			DAYS	Class		Unmkt	Facepack	Class 2			
						1	2			Class 1			
										Crates/Acre			
		10%	50%	90%		%	%	%		8	6	16	12
Seminis	113A	19.1	26.1	29.1	10	50	17	33		536	0	89	0
RX 5962	113B	29.1	5.2	16.2	18	41	19	40		437	0	99	0
	113C	14.1	29.1	16.2	33	57	17	26		501	0	77	0
	113D	9.2	16.2	16.2	7	37	11	52		327	0	47	0
<b>Good Facepack material. Some small plants/curds. Heavy ringspot on outer leaves. Clean inner leaves. Looks good in tray.</b>													
<b>33% frosted curds with later transplantings.</b>													
Clause	114A	23.11	10.12	18.12	25	24	40	36		257	0	215	0
Tezier	114B	8.12	15.12	22.12	14	29	42	29		313	0	223	0
Hermine	114C	23.11	1.12	22.12	29	52	30	18		427	44	115	22
	114D	27.11	18.12	29.12	32	54	23	23		478	0	85	23
<b>Small frame. Twisted tight wrapper leaf over curd. Difficult to see curds. Later transplanting producing very small frame and curds.</b>													
<b>High % of loose curds. Also curds turn off white if not cut every 2 or 3 days. A few small white bracts.</b>													
Clause	115A	6.11	20.11	27.11	21	74	11	15		794	0	60	26
Tezier	115B	10.11	23.11	8.12	28	67	11	22		636	106	60	0
CLX 33608	115C	3.11	10.11	24.11	21	71	25	4		591	49	92	25
	115D	21.11	4.12	10.12	19	62	24	14		549	0	106	0
<b>Small frame. Solid curds. Good Facepack material. Looks good in the tray. Good leaf cover. Easy to see, cut and pack. Very few defects.</b>													
Syngenta	116A	16.1	22.1	26.1	10	36	4	60		386	0	22	0
Alpen	116B	29.1	5.2	9.2	11	15	15	70		153	0	76	0
	116C	5.1	22.1	29.1	24	57	14	29		507	0	63	0
	116D	22.1	26.1	29.1	7	50	28	22		443	0	123	0
<b>Small frames/curds. Some good Facepack material. Later transplantings producing small plants/curds. Over 50% frosted at closer spacing.</b>													

# TIME OF PLANTING AND SPACING TRIAL

**2008 - 09**

A 8580/Acre Transplanted 16 July 2008

B 8580/Acre Transplanted 24 July 2008

C 7096/Acre Transplanted 16 July 2008

D 7096/Acre Transplanted 24 July 2008

VARIETY	PLOT	CUTTING PERIOD			DAYS	Class	Class	Unmkt		Facepack	Class 2		
						1	2			Class 1			
											Crates/Acre		
		10%	50%	90%		%	%	%		8	6	16	12
Nickerson	117A	16.1	29.1	9.2	24	60	20	20		644	0	107	0
Zwaan	117C	19.1	26.1	12.2	24	67	4	29		591	0	18	0
CF AB 1004													
<b>Good Frame. Good Facepack material. Pale leaf. Low to the ground. Good weight. Uniform. Slightly twisted leaf cover over curds.</b>													
Syngenta	118A	26.1	29.1	19.2	24	52	9	39		560	0	47	0
Arkwright	118B	19.2	23.2	26.2	7	41	32	27		439	0	171	0
	118C	26.1	5.2	12.2	17	55	14	31		484	0	73	0
	118D	12.2	23.2	26.2	14	53	18	29		470	0	78	0
<b>Squat frame. Dark green leaf. High leaf count. Well protected curds. Uniform. Good weight. Good Facepack material.</b>													
<b>Some frosted damaged curds with earlier transplantings.</b>													
Seminis	119A	22.1	29.1	12.2	21	48	4	48		515	0	21	0
RX 5697	119B	5.2	12.2	16.2	11	62	4	34		670	0	0	30
	119C	22.1	29.1	9.2	18	84	4	12		745	0	18	0
	119D	9.2	12.2	16.2	7	80	0	20		745	0	0	0
<b>Clean leaf. Uniform. Very Good Facepack material. Frost damaged curds between 5-12 Feb09. Medium depth. Very good at wider spacing.</b>													
Tozer	120A	19.1	26.1	29.1	10	48	19	33		516	0	99	0
1018	120B	29.1	5.2	9.2	11	11	7	82		115	0	38	0
	120C	19.1	29.1	5.2	17	40	32	28		355	0	142	0
	120D	29.1	9.2	12.2	14	40	8	52		355	0	35	0
<b>22% of early transplantings damaged by frost. Some good Facepack material. Needs cutting every 2 or 3 days or will turn off white.</b>													
<b>Slightly open habit. Later transplantings severely damaged by frost.</b>													

# TIME OF PLANTING AND SPACING TRIAL

**2008 - 09**

A 8580/Acre Transplanted 16 July 2008  
C 7096/Acre Transplanted 16 July 2008

B 8580/Acre Transplanted 24 July 2008  
D 7096/Acre Transplanted 24 July 2008

VARIETY	PLOT	CUTTING PERIOD			DAYS	Class	Class	Unmkt	Facepack	Class 2	Crates/Acre			
						1	2							
		10%	50%	90%		%	%	%	8	6	16	12		
Seminis	121A	5.1	16.1	19.1	14	54	25	21	575	0	134	0		
Terminello	121B	16.1	19.1	26.1	10	46	29	25	498	0	153	0		
	121C	5.1	14.1	19.1	14	76	8	16	674	0	35	0		
	121D	16.1	26.1	5.2	20	31	22	47	270	0	96	0		
<b>Good Facepack material. Will turn off white if not cut every 2 or 3 days. Good weight. Looks good in tray. 10% small plants/curds.</b>														
<b>Much better at the earlier transplanting at the wider spacing. 30% frost damage with later transplantings.</b>														
Tozer	122A	29.12	5.1	19.1	21	36	4	60	383	0	19	0		
1020	122B	22.1	26.1	5.2	14	21	13	66	223	0	67	0		
	122C	29.12	5.1	19.1	21	44	8	48	390	0	35	0		
	122D	22.1	29.1	9.2	18	23	17	60	197	0	74	0		
<b>Good Facepack material. Uniform. Easy to see, cut and pack. Limited leaf cover over curds. 40% damaged by frost from early transplantings.</b>														
<b>55% frosted by later transplantings.</b>														
Tozer	123A	5.1	19.1	26.1	21	46	11	43	498	0	57	0		
1008	123B	26.1	29.1	9.2	14	30	26	44	318	0	139	0		
	123C	14.1	22.1	29.1	15	42	27	31	375	0	119	0		
	123D	19.1	29.1	5.2	17	49	10	41	443	0	40	0		
<b>Uniform Good Facepack material. Easy to see, cut and bag. Good depth. 20% frosted from early transplantings, 37% from later transplantings.</b>														
Seminis	124A	16.1	22.1	29.1	13	33	19	48	357	0	99	0		
Treknow	124B	26.1	9.2	19.2	24	31	19	50	330	0	103	0		
	124C	16.1	19.1	29.1	13	67	11	22	591	0	49	0		
	124D	26.1	5.2	19.2	24	48	10	42	422	0	42	0		
<b>Uniform. Dark leaf. Good weight. Good sized curds. 41% frosted from earlier transplanting. 22% frosted from later transplantings.</b>														
<b>Good Facepack material.</b>														

## TIME OF PLANTING AND SPACING TRIAL

**2008 - 09**

A 8580/Acre Transplanted 16 July 2008  
C 7096/Acre Transplanted 16 July 2008

B 8580/Acre Transplanted 24 July 2008  
D 7096/Acre Transplanted 24 July 2008

VARIETY	PLOT	CUTTING PERIOD			DAYS	Class	Class	Unmkt	Facepack	Class 2			
						1	2						
										Crates/Acre			
		10%	50%	90%		%	%	%		8	6	16	12
Tozer	125A	27.11	4.12	8.12	11	74	15	11		675	159	79	0
1023	125B	15.12	22.12	29.12	14	72	8	20		686	114	43	0
	125C	27.11	1.12	8.12	11	75	8	17		407	345	37	0
	125D	4.12	10.12	18.12	14	71	14	15		634	0	63	0
<b>Slightly crinkled leaf. Fairly uniform. Smooth curds. Slightly wide base to curds. Good Facepack material. Some large curds. Few defects.</b>													
Nickerson	126A	22.1	5.2	26.2	35	60	14	26		636	0	79	0
Zwaan	126B	29.1	12.2	5.3	35	59	8	33		636	0	40	0
Dionis	126C	19.1	9.2	23.2	35	74	5	21		654	0	23	0
	126D	29.1	16.2	3.3	33	72	12	16		639	0	53	0
<b>Clean leaf. Solid curds. High stump. Very good Facepack material. Needs cutting every 2 days or will turn off white.</b>													
<b>Some frost damage on early transplantings.</b>													
Clause	127A	22.1	26.1	29.1	7	86	4	10		651	357	19	0
Tezier	127B	26.1	29.1	5.2	10	92	4	4		958	0	19	0
Brick	127C	22.1	26.1	5.2	14	100	0	0		709	237	0	0
	127D	26.1	5.2	9.2	14	92	4	4		816	0	18	0
<b>Very uniform. Excellent leaf cover. Very good Facepack material. Very few defects. Looks good in tray. No frost damage in mid January.</b>													
Clause	128A	5.2	16.2	19.2	14	89	7	4		957	0	38	0
Tezier	128B	12.2	19.2	26.2	14	86	4	10		919	0	19	0
Redoutable	128C	5.2	19.2	26.2	21	76	12	12		674	0	53	0
	128D	16.2	23.2	26.2	10	72	12	16		639	0	53	0
<b>Solid very heavy curds. Slightly twisted leaf over curds. Excellent Facepack material. Uniform. Looks very good in tray. Very few defects.</b>													