| Project title: | Field Vegetables: An evaluation of autumn/winter cauliflower, spring cabbage cultivars and other winter brassica crops. | |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--|
| Project number: | FV 202f | |
| Project leader: | Bill Herring Duchy College | |
| Report: | Annual Report August 2013 | |
| Previous report: | Annual report Second annual report | |
| Key staff: | Bill Herring Malcolm Millar Ellis Luckhurst | |
| Location of project: | Trevarnon Farm, Gwithian, Cornwall. | |
| Industry representative: | Ellis Luckhurst | |
| Date project commenced: | 1 st April 2011 | |
| Date project completed (or expected completion date): | 30 TH June 2014 | |

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AUTHENTICATION

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

| [Name] [Position] [Organisation] | |
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GROWER SUMMARY

Headline

The introduction of new autumn and winter cauliflower cultivars has again increased grade 1 marketable product many being 10% above standard cultivars based on 19760 plants/Hectare (8000/Acre). Potential income can be increased by £829/Ha. This is a real possibility with many producers now on a fixed price for their produce.

Background

Duchy College working in partnership with seven national seed houses and local growers have carried out the evaluation of commercially available autumn, winter cauliflower and spring greens cultivars over the past 16 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 the improvement in plant breeding and new cultivars being introduced these need to be assessed alongside current and established varieties in order to compare yields and quality of produce. With improved uniformity, disease resistance, and curd protection the need to compare with current cultivars is even more important in order to plan the production of the crop in order to meet market requirements and provide the best returns to the grower.

Results

The following cultivars are of most interest to the industry. Some are new introductions to compliment cultivars that have been grown as the standard cultivars for specific production periods.

Overall the 2012-13 season was predominately wet but produced a higher cut out rate across many cultivars than an average season. Difficult transplanting conditions during July meant that the trial was two weeks later planted than in most seasons which reflected practice in the industry. However a wet, but warm autumn enabled the crop to get a way well producing strong plants for the late autumn and winter. This resulted in high grade 1 cut outs for a number of cultivars.

However results over several seasons will need to be considered when selecting cultivars for production. Full information on all 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.

| Seed House | Cultivar | % Class 1 | Trays/Hec | tare (Acre) | Heading period |
|------------|----------|-----------|-----------|-------------|---------------------|
| | | | Grade 1 | (8/tray) | 10 – 90% dates |
| Monsanto | Forata | 81 | 2499 | (1012) | 16.10.12 – 25.10.12 |
| Monsanto | 5879 | 86 | 2499 | (1012) | 16.10.12 – 27.10.12 |
| Syngenta | C4010 | 89 | 2221 | (877) | 19.10.12 – 27.10.12 |
| Monsanto | Aquata | 85 | 2702 | (1094) | 21.10.12 – 27.10.12 |
| Syngenta | SG4008 | 94 | 2719 | (1101) | 23.10.12 – 01.11.12 |
| Clause | Meridian | 87 | 2687 | (1088) | 23.10.12 – 12.11.12 |
| Clause | Rafale | 91 | 2880 | (1166) | 25.10.12 – 01.11.12 |
| Clause | Regata | 88 | 2687 | (1088) | 27.10.12 – 08.11.12 |
| Clause | Naruto | 87 | 2626 | (1063) | 28.10.12 – 11.11.12 |
| Monsanto | Appia | 89 | 2673 | (1082) | 01.11.12 – 15.11.12 |
| Monsanto | 5965 | 90 | 2784 | (1127) | 03.11.12 – 17.11.12 |
| Clause | Optimist | 88 | 2719 | (1101) | 03.11.12 – 17.11.12 |
| Rijk Zwaan | Bellamy | 93 | 2687 | (1166)) | 05.11.12 – 17.11.12 |
| Monsanto | 5982 | 88 | 2707 | (1096) | 08.11.12 – 20.11.12 |
| Monsanto | 2319 | 85 | 2658 | (1076) | 15.11.12 – 26.11.12 |
| Monsanto | 2334 | 91 | 2759 | (1117) | 19.11.12 – 26.11.12 |

| Autumn Cauliflower 2012. | Top performing cultivars |
|--------------------------|--------------------------|
|--------------------------|--------------------------|

Winter Cauliflower 2012-13. Top performing cultivars.

Yields will vary as there were two transplanting dates (19th and 26th July 2012) although spacings were the same for each cultivar within the trials.

Please refer to the 'full trial report' for details.

| Seed House | Cultivar | % Class 1 | Trays/He | ctare | Heading period |
|------------|------------|-----------|----------|------------|---------------------|
| | | | (Acre) | | |
| | | | | | 10 – 90% dates |
| | | | Grade 1 | (8/tray) | |
| | | | | | |
| Clause | Navalo | 95 | 2517 | (1019) | 08.11.12 – 15.11.12 |
| Clause | Diwan | 96 | 2544 | (1030) | 19.11.12 – 03.12.12 |
| Clause | Galiote | 88 | 2223 | (900) | 19.11.12 – 10.12.12 |
| Elsoms | Belot | 80 | 2119 | (858) | 29.11.12 – 20.12.12 |
| Elsoms | Telde | 86 | 2277 | (922) | 30.11.12 – 24.12.12 |
| Syngenta | 4013 | 86 | 2277 | (922) | 03.12.12 – 20.12.12 |
| Monsanto | Typical | 82 | 2171 | (879) | 06.12.12 – 24.12.12 |
| Syngenta | Lestern | 87 | 2292 | (928) | 13.12.12 – 24.12.12 |
| Clause | Triomphant | 84 | 2235 | (905) | 24.12.12 - 03.01.13 |
| Vilmorin | Lecatis | 90 | 2316 | (938) | 24.12.12 - 01.01.13 |
| Syngenta | Alpen | 87 | 2253 | (912) | 07.01.13 – 24.01.13 |
| Elsoms | Paciano | 86 | 2295 | (929) | 07.01.13 – 21.01.13 |
| Clause | CHF12-121 | 84 | 2235 | (905) | 09.01.13 – 28.01.13 |

| Monsanto | Treknow | 80 | 2120 | (858) | 09.01.13 – 21.01.13 |
|------------|-------------|-----------|----------|---------------------|---------------------|
| Tozer | 1018 | 78 | 2067 | (837) | 14.01.13 – 28.01.13 |
| Vilmorin | Altadis | 76 | 2001 | (810) | 17.01.13 – 04.02.13 |
| | | | | | |
| | | | | | |
| Seed House | Cultivar | % Class 1 | Trays/He | ctare | Heading period |
| | | | (Acre) | | |
| | | | | | 10 – 90% dates |
| | | | Grade 1 | (8/tray) | |
| Monsanto | Tintagel | 80 | 2120 | (`858) | 21.01.13 – 04.02.13 |
| Vilmorin | Dionis | 90 | 2490 | (1008) | 24.01.13 – 11.02.13 |
| Syngenta | Arkwright | 78 | 2067 | (837) | 28.01.13 - 07.02.13 |
| Monsanto | 5697 | 84 | 2225 | (⁾ 901) | 28.01.13 - 14.02.13 |
| Clause | Brick | 84 | 2235 | (905) | 28.01.13 - 31.01.13 |
| Vilmorin | Trevaskis | 86 | 2295 | (⁹²⁹⁾ | 28.01.13 - 04.02.13 |
| Vilmorin | Trevignis | 93 | 2472 | (1001) | 31.01.13 - 14.02.13 |
| Syngenta | Canten | 88 | 2332 | (944) | 04.02.13 - 18.02.13 |
| Clause | Redoubtable | 84 | 2238 | (906) | 04.02.13 - 18.02.13 |
| Clause | Fleet | 87 | 2295 | (929) | 05.02.13 - 14.02.13 |
| Syngenta | Brillen | 86 | 2277 | (922) | 07.02.13 - 18.02.13 |
| Monsanto | Carantic | 78 | 2060 | (834) | 07.02.13 - 18.02.13 |
| Syngenta | 5022 | 93 | 2470 | (1000) | 11.02.13 - 18.02.13 |
| Monsanto | Trewint | 95 | 2529 | (1024) | 11.02.13 - 18.02.13 |
| Tozer | 2038 | 84 | 2238 | (⁹⁰⁶⁾ | 11.02.13 – 23.02.13 |
| Syngenta | Clemen | 87 | 2295 | (929) | 18.02.13 - 28.02.13 |
| Elsoms | Madiot | 78 | 2065 | (836) | 18.02.13 - 10.03.13 |
| Clause | Matelot | 92 | 2438 | (987) | 23.02.13 - 10.03.13 |
| Syngenta | 5007 | 85 | 2253 | (912) | 23.03.13 - 10.03.13 |
| Clause | Mascaret | 91 | 2413 | (977) | 28.02.13 – 10.03.13 |
| Syngenta | 5008 | 85 | 2250 | (911) | 10.03.13 – 25.03.13 |
| Syngenta | Charif | 91 | 2413 | (977) | 18.03.13 – 11.04.13 |
| Syngenta | Danden | 90 | 2383 | (965) | 21.03.13 – 08.04.13 |
| Syngenta | Drunen | 83 | 2186 | (885) | 25.03.13 – 15.04.13 |
| 2,1190116 | 2.4.1011 | | 2.00 | (000) | |

Late heading winter cauliflower 2012-13

These plots were transplanted on the 19th July 2012 aiming to head in the period of April through to late May. Over recent seasons there has been a shortage of cauliflower for this period which has resulted in the increase of imported produce to maintain supply to the various market outlets. Although fixed price returns to the grower over this heading period are not guaranteed there is scope to aim for this market share.

| Seed House | Cultivar | % Class 1 | Trays/Hectare (Acre) | Heading period |
|------------|----------|-----------|-------------------------|---------------------|
| | | | | 10 – 90% dates |
| | | | Grade 1 (8/tray) | |
| Syngenta | C5025 | 91 | 2413 (977) | 15.04.13 – 22.04.13 |
| Tozer | 2072 | 83 | 2119 (858) | 18.04.13 – 25.04.13 |
| Syngenta | SG 4732 | 88 | 2326 (942) | 18.04.13 – 09.05.13 |
| Clause | CH10-106 | 95 | 2408 (975) | 25.04.13 - 02.05.13 |
| Elsoms | Fletcher | 88 | 2344 (949) | 25.04.13 - 02.05.13 |
| Syngenta | Delon | 97 | 2591 (1049) | 25.04.13 - 02.05.13 |

| Tozer | 3007 | 95 | 2586 (1047) | 09.05.13 - 24.05.13 |
|-------|------|----|-------------|---------------------|
| Tozer | 3064 | 93 | 2472 (1001) | 09.05.13 - 16.05.13 |
| Tozer | 3008 | 80 | 2119 (858) | 20.05.13 - 03.06.13 |

Spring green cultivars

Due to very wet conditions at transplanting in mid-September, the spring cabbage greens trial crop failed to grow to a marketable size.

The trials were undertaken at Trevarnon Farm, Gwithian, Cornwall. The soil type being 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. The cultivars are harvested twice a week on a similar basis as commercial crops on the farm.

Main conclusions

All of the cultivars that have performed well during 2012-13 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 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. There have been a number of new introductions over this period, which have performed very well alongside established cultivars.

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 2012 -13 and a number to follow in subsequent years.

The inclement weather patterns of both the 2009-10 and 2010-11 seasons has enabled growers to observe those cultivars that have performed consistently despite the inclement growing conditions. 2012-13 proved to be one of the highest yielding seasons in the last 20 years with many cultivars performing well despite the very wet Autumn period.

SCIENCE SECTION

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 two different spacings 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.

Increased interest and opportunities to market later heading winter cauliflower has seen a number of new introductions for the May period and these have been evaluated with some cultivars performing well.

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 mid September 2012which was a delayed planting by 2 weeks due to very wet field conditions.

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 17 cultivars replicated twice, transplanted at 25315 plants/Ha (10249/acre). Transplanted on the 19th July 2012.

The Winter Cauliflower Trial consisted of 53 cultivars transplanted at 21192/Ha (8785/acre), or 17527/Ha (7096/acre) depending on expected Heading periods. Transplanted on the 19th and 26th July 2012.

The spring greens trial compared 5 hybrid cultivars with the traditional Wintergreen cultivar. All from different seed houses.

Autumn cauliflower variety trial 2012-13

| Plot | Seedhouse | Variety | Heading period |
|------|------------|------------------|--------------------|
| 128 | SYNGENTA | CAULNES (SG4008) | Mid/Late October |
| 129 | CLAUSE | NARUTO | Mid/Late October |
| 130 | CLAUSE | MERIDIAN | Mid/Late October |
| 131 | CLAUSE | RAFALE | Mid/Late October |
| 132 | MONSANTO | FORATA (RX 5710) | Mid/Late October |
| 133 | MONSANTO | 5879 | Mid/Late October |
| 134 | RIJK ZWAAN | BELLAMY RZ | Late October |
| 135 | CLAUSE | REGATA | Late October |
| 136 | CLAUSE | OPTIMIST | Late October |
| 137 | MONSANTO | 2319 | Late October |
| 138 | MONSANTO | AQUATA | Oct/Early November |
| 139 | MONSANTO | 5982 | Oct/Early November |
| 140 | MONSANTO | 5965 | Oct/Early November |
| 141 | MONSANTO | 2334 | Early November |
| 142 | MONSANTO | APPIA | Early November |
| 143 | SYNGENTA | C4010 | Early/Mid November |
| 144 | RIJK ZWAAN | KERNOK RZ | Early/Mid November |
| 145 | SYNGENTA | CAULNES (SG4008) | Mid/Late October |
| 146 | CLAUSE | NARUTO | Mid/Late October |
| 147 | CLAUSE | MERIDIAN | Mid/Late October |
| 148 | CLAUSE | RAFALE | Mid/Late October |
| 149 | MONSANTO | FORATA (RX 5710) | Mid/Late October |
| 150 | MONSANTO | 5879 | Mid/Late October |
| 151 | RIJK ZWAAN | BELLAMY RZ | Late October |
| 152 | CLAUSE | REGATA | Late October |
| 153 | CLAUSE | OPTIMIST | Late October |
| 154 | MONSANTO | 2319 | Late October |
| 155 | MONSANTO | AQUATA | Oct/Early November |
| 156 | MONSANTO | 5982 | Oct/Early November |
| 157 | MONSANTO | 5965 | Oct/Early November |
| 158 | MONSANTO | 2334 | Early November |
| 159 | MONSANTO | APPIA | Early November |
| 160 | SYNGENTA | C4010 | Early/Mid November |
| 161 | RIJK ZWAAN | KERNOK RZ | Early/Mid November |

| Time of planting | cauliflower variet | y trial 2012-13 |
|------------------|--------------------|-----------------|
|------------------|--------------------|-----------------|

| Plot | Seedhouse | Variety | Heading period |
|----------|-----------|---------------------|-------------------------|
| 18 | ELSOMS | TELDE (BJ 2890) | November |
| 19 | CLAUSE | NAVALO | Mid November |
| 20 | SYNGENTA | LESTERN | Mid/Late November |
| 21 | MONSANTO | TYPICAL | Mid/Late November |
| 22 | CLAUSE | DIWAN | Late November |
| 23 | SYNGENTA | SGC 4013 | Early December |
| 24 | CLAUSE | GALIOTE | Early December |
| 25 | VILMORIN | CENDIS | Early December |
| 26 | ELSOMS | BELOT | Mid December |
| 27 | SYNGENTA | C5020 | Mid December |
| 28 | TOZER | FT 1001 | Mid/Late December |
| 29 | SYNGENTA | FLORINO | Mid/Late December |
| 30 | CLAUSE | TRIOMPHANT | Mid/Late December |
| 31 | SYNGENTA | ALPEN | Late December |
| 32 | VILMORIN | LECATIS (AB 9130) | Late December |
| 33 | MONSANTO | TERMINILLO | Late Dec/January |
| 35 | CLAUSE | JUBARTE | Early/Mid January |
| 36 | ELSOMS | PACIANO (BJ 2784) | Mid January |
| 37 | TOZER | FT 1018 | Mid January |
| 38 | SYNGENTA | ARKWRIGHT | Mid January |
| 39 | MONSANTO | 5697 | Mid January |
| 40 | TOZER | 1043 CMS | Mid January |
| 41 | TOZER | FT 1039 | Mid/Late January |
| 42 | CLAUSE | CHF 12-121 | Mid/Late January |
| 43 | VILMORIN | ALTADIS (AB 1004) | Late January |
| 44 | CLAUSE | BRICK | Late January |
| 45 | MONSANTO | TINTAGEL | Late Jan/early February |
| 46 | ELSOMS | AMOR | February |
| 47 | VILMORIN | DIONIS | Early February |
| 48 | CLAUSE | REDOUTABLE | Early February |
| 49 | VILMORIN | TREVASKIS (AC 7111) | Early February |
| 50 | SYNGENTA | BRILLEN (SG 5001) | Early/Mid February |
| 51 | SYNGENTA | CANTEN | Early/Mid February |
| 52 | VILMORIN | TREVIGNIS (AC 7140) | Mid February |
| 53 | MONSANTO | TREKNOW | February |
| 54 | CLAUSE | FLEET | Mid February |
| 55 | SYNGENTA | CLEMEN | Mid/Late February |
| 56 | CLAUSE | MATELOT | Mid February |
| 57 | CLAUSE | MASCARET | Mid/Late February |
| 58 | SYNGENTA | SGC 5007 | Late February |
| 59 | SYNGENTA | SGC 5032 | Late February |
| 60 | SYNGENTA | SGC 5022 | Late Feb/March |
| 61 | MONSANTO | CARANTIC | Late Feb/March |
| 63 | TOZER | FT 2038 | Early March |
| 64 | ELSOMS | MADIOT | Early March |
| 65 00 | SYNGENTA | SGC 5008 | Early/Mid March |
| 66 | TOZER | FT 2063 | Mid March |
| 67 67 | MONSANTO | TREWINT | Mid March |
| 68 | SYNGENTA | C6805 | Mid/Late March |
| 69 | SYNGENTA | DANDEN | Mid/Late March |
| 70 | TOZER | FT 2067 | Late March |
| 71 | SYNGENTA | CHARIF | Late March |

| 72 | SYNGENTA | DRUNEN (SG 4717) | Late March/April |
|------------|--------------------|---------------------|--------------------------------|
| 73 | ELSOMS | TELDE (BJ 2890) | November |
| 74 | CLAUSE | NAVALO | Mid November |
| 75 | SYNGENTA | LESTERN | Mid/Late November |
| 76 | MONSANTO | TYPICAL | Mid/Late November |
| 77 | CLAUSE | DIWAN | Late November |
| 78 | SYNGENTA | SGC 4013 | Early December |
| 79 | CLAUSE | GALIOTE | Early Decermber |
| 80 | VILMORIN | CENDIS | Early December |
| 81 | ELSOMS | BELOT | Mid December |
| 82 | SYNGENTA | C5020 | Mid December |
| 83 | TOZER | FT 1001 | Mid/Late December |
| 84 | SYNGENTA | FLORINO | Mid/Late December |
| 85 | CLAUSE | TRIOMPHANT | Mid/Late December |
| 86 | SYNGENTA | ALPEN | Late December |
| 87 | VILMORIN | LECATIS (AB 9130) | Late December |
| 88 | MONSANTO | TERMINILLO | Late Dec/January |
| 90 | CLAUSE | JUBARTE | Early/Mid January |
| 91 | ELSOMS | PACIANO (BJ 2784) | Mid January |
| 92 | TOZER | FT 1008 | Mid January |
| 93 | SYNGENTA | ARKWRIGHT | Mid January |
| 94 | MONSANTO | 5697 | Mid January |
| 95 | TOZER | 1043 CMS | Mid January |
| 96 | TOZER | FT 1039 | Mid/Late January |
| 97 | CLAUSE | CHF 12-121 | Mid/Late January |
| 98 | VILMORIN | ALTADIS (AB 1004) | Late January |
| 99 | CLAUSE | BRICK | Late January |
| 100 | MONSANTO | TINTAGEL | Late Jan/early February |
| 101 | ELSOMS | AMOR | February |
| 102 | VILMORIN | DIONIS | Early February |
| 103 | CLAUSE | REDOUTABLE | Early February |
| 104 | VILMORIN | TREVASKIS (AC 7111) | Early February |
| 105 | SYNGENTA | BRILLEN (SG 5001) | Early/Mid February |
| 106 | SYNGENTA | CANTEN | Early/Mid February |
| 107 | VILMORIN | TREVIGNIS (AC 7140) | Mid February |
| 108 | MONSANTO | TREKNOW | February |
| 109 | CLAUSE | FLEET | Mid February |
| 110 | SYNGENTA | CLEMEN | Mid/Late February |
| 111 | CLAUSE | MATELOT | Mid February |
| 112 | CLAUSE | MASCARET | Mid/Late February |
| 113 | SYNGENTA | SGC 5007 | Late February |
| 114 | SYNGENTA | SGC 5032 | Late February |
| 115 | SYNGENTA | SGC 5022 | Late Feb/March |
| 116 | MONSANTO | | Late Feb/March |
| 118 | TOZER | FT 2038 | Early March |
| 119 120 | ELSOMS SYNGENTA | | Early March Early/Mid March |
| 120 121 | TOZER | SGC 5008 FT 2063 | Mid March |
| 121 | MONSANTO | TREWINT | Mid March |
| 122 | SYNGENTA | C6805 | Mid/Late March |
| 123 | SYNGENTA | DANDEN | Mid/Late March |
| 124 | TOZER | FT 2067 | Late March |
| 125 | SYNGENTA | CHARIF | Late March |
| 120 | SYNGENTA | DRUNEN | Late March/April |
| 121 | OTNOLINIA | DIVUILIN | |

| Late winter cauliflower | variety trial 2012-13 |
|-------------------------|-----------------------|
|-------------------------|-----------------------|

| Plot | Seedhouse | Variety | Heading period |
|------|-----------|-----------------|-----------------|
| 213 | TOZER | FT 2072 | Early April |
| 214 | CLAUSE | CHF 10-106 | Early/Mid April |
| 215 | ELSOMS | FLETCHER | Early April |
| 216 | SYNGENTA | C5025 | Early/Mid April |
| 217 | SYNGENTA | DELON (SG 4724) | Mid/Late April |
| 219 | SYNGENTA | SG 4732 | Late April/May |
| 220 | MONSANTO | TENFOLD | Late April/May |
| 221 | MONSANTO | 5874 | Late April/May |
| 222 | TOZER | 3062 | Late April/May |
| 223 | SYNGENTA | SGC 4774 | Early May |
| 224 | TOZER | 3007 | Early May |
| 225 | TOZER | 3064 | Early May |
| 226 | SYNGENTA | SG 4773 | Early/Mid May |
| 227 | VILMORIN | VT 3001 | Early/Mid May |
| 228 | TOZER | 3008 | Mid May |
| 229 | TOZER | 3052 | Mid May |
| 230 | TOZER | 3059 | Mid/End May |
| 231 | SYNGENTA | MAYFAIR | Mid/Late May |
| 232 | TOZER | 3069 | Mid/Late May |
| 233 | TOZER | 3071 | Mid/Late May |

Spring cabbage trials 2012 - 2013

4 rows / variety 25cm spacing in row

Transplanted 21st September 2012 into moist soil conditions. 300 of each cultivar. Module grown transplants.

SEED HOUSE CULTIVAR

| RX 7014 |
|----------------|
| WINTERGREEN |
| WINTER SPECIAL |
| SUMMER GREEN |
| RX 7027 |
| EVERGREEN |
| |

Trial site details

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

Production details

The Trials followed a crop of Winter cereals 2011, Pointed Cabbage harvested in March and left fallow prior to field operations.

Cultural information 2012 – 13

Autumn and winter cauliflower trials

| Fertiliser | 11.07.12 20.09.12 25.10.12 | Top Dressing Yara Calcium Nitrate @ 370.5Kg/Ha | | | | | | |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| Weed control | | GAMMIT @ 0.125Ltr/Ha SULTAN @1.5Ltrs/Ha in 300Litres of water. cultivations. | | | | | | |
| Pest control | 18.07.12 (| ng prior to transplanting as rabbit control CYREN @ 2Ltr/Ha in 300 Litres of water (Pre planting) HURON @ 4 Kg/Ha (Slug control) | | | | | | |
| Chemical plan | 07.09.12 In 300ltrs of water AMISTAR TOP @ 1 Ltr/Ha (Ringspot cont APHOX @ 420 grams/Ha (Aphid control) PERMASECT C @ 250 mls/Ha (Caterpill Activator 90 @ 0.3 Ltrs/Ha MAGFLO 300 @ 2 Ltrs/Ha (Magnesium de PLOVER @ 0.3 Ltrs/Ha. Activator 90 @ 0. MAGFLO 300 @ 2 Ltrs/Ha (Magnesium de BISCAYA @ 0.4 Ltrs/Ha in 300 Litres of w | | | | | | | |
| Transplanting dates Cauliflower Trials | Au Lat | me of Planting Trial 19 TH July and 26 TH July 2012 utumn Variety Trial 19 TH July 2012 te Variety Trial 19 TH July 2012 onfidential plots 20 TH July 2012 | | | | | | |
| Spring greens | | | | | | | | |

| Fertiliser | 17.07.12 | Base Dressing | Yara 13.13.21 @ 5.5 cwt/acre (679Kg/Ha) |
|------------|----------|---------------|---------------------------------------------|
| | 16.10.12 | Top Dressing | Yara Calcium Nitrate @3 cwt/acre (370Kg/Ha) |

Very wet conditions in early and mid July delayed transplanting by 10 days compared to an average season.

Trial design

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 2012-13).

Trial records and data collected

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 appendices.

Discussion

The top performing cultivars highlighted within the results section identifies cultivars that have performed above the average yield of 75% Grade 1. Each 1% above this average yield increases gross income by £85/Ha based on a price of 40p per cauliflower.

Many of the Autumn heading cultivars produced well above 80% Class 1 with some cutting out over 90%, although the price to the grower is much less than the Winter cauliflower price which was fixed for the main production period in the region of 40p per cauliflower. The larger planting density per Hectare would increase yields and returns even at a lower price to the grower.

Conclusions

Within the autumn and winter cauliflower cultivars, a number of seed houses have introduced numbered cultivars which have performed well alongside established and recently introduced cultivars. As with all new introductions these need to be evaluated over several seasons to ensure consistency within various growing seasons. Those that have done well this season include the following:-

| Syngenta | 4010 | Mid October |
|------------|--------|------------------|
| Monsanto | 5879 | Mid October |
| Syngenta | 4008 | End October |
| Monsanto | 5965 | Early November |
| Monsanto | 5982 | Early November |
| Monsanto | 2319 | Mid November |
| Monsanto | 2334 | Mid/End November |
| Syngenta | 4013 | Early December |
| Clause CHF | 12-121 | Early January |
| Monsanto | 5697 | End January |
| Syngenta | 5022 | Mid February |
| Tozer | 2038 | Mid February |
| Syngenta | 5008 | Mid March |
| Syngenta | 5007 | End March |

It is to be noted that each cultivar performs differently from season to season however data is available over the past 18 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://www2.cornwall.ac.uk/research/herring/default.asp

Open days were held in December, January and March where up to date information was made available to growers and representatives from the industry. A growers evening also took place on the evening of the January meeting to update growers on current work in regards Brassica's developments within the seed houses represented in the Trials.

Appendices

The following appendices show the summaries of all cultivars in both the Autumn and Winter Cauliflower Trials for 2012 – 13, with additional comments regarding each cultivar.

| | 1 | | | | | | | | | 1 | | | |
|----------------|-------------|--------------|--------------|-----------------------|----------|------------|----------|----------|------------------|-----------------|---------------|----|---------|
| | | | AUTU | | OWEI | r va | RIET | Y TR | IAL | | | | |
| | | | 2012 | | | | | | SPACING | 34" X 18" | 10249/Acre | | |
| | | Ľ | | | | | | | | | Crates / Acre | | |
| VARIETY | PLOT | | | CUTTING PERIOD | | DAYS | Class | Class | Unmarket | Facepack | | | Class 2 |
| • | | ' | 10% | 50% | 90% | | 1 | 2 | % | 8 | 6 | 16 | 12 |
| Syngenta | 128 | | 21.10 | 1.11 | 1.11 | 11 | 98 | 0 | 2 | 1255 | 0 | 0 | 0 |
| Caulnes | 145 | | 25.10 | 29.10 | 1.11 | 7 | 90 | 4 | 6 | 948 | 273 | 26 | 0 |
| SG4008) | Average | | 23.10 | 30.10 | 1.11 | 9 | 94 | 2 | 4 | 1101 | 137 | 13 | 0 |
| Very uniform. | Good Face | epack mater | rial. Good | weight. Medium size | d frame. | Good c | urd cov | ver. Ver | y few defects. | | | | |
| | | | | | | _ | | | | | | | |
| Clause | 129 | | 1.11 | 5.11 | 8.11 | 7 | 90 | 4 | 6 | 1101 | 68 | 26 | 0 |
| Naruto | 146 | | 25.10 | 1.11 | 15.11 | 21 | 84 | 2 | 14 | 1025 | 68 | 13 | 0 |
| | Average | | 28.10 | 3.11 | 11.11 | 14 | 87 | 3 | 10 | 1063 | 68 | 20 | 0 |
| Very uniform. | Good Face | epack mater | rial. Very f | ew defects. Good cu | rd cover | . East to | o see an | d cut. L | _eafy frame. | | | | |
| . | | | | | 1.0.11 | | | | | | | | |
| Clause | 130 | | 21.10 | 1.11 | 12.11 | 22 | 86 | 6 | 8 | 1101 | 0 | 38 | 0 |
| Meridian | 147 | | 25.10 | 1.11 | 12.11 | 18 | 88 | 6 | 6 | 1076 | 68 | 38 | 0 |
| | Average | | 23.10 | 1.11 | 12.11 | 20 | 87 | 6 | 7 | 1088 | 34 | 38 | 0 |
| Slightly wide | base to cur | ds. Strong | midrib to | leaves. Good weight. | Good CI | urd prot | ection. | Good F | acepack mat | erial. Uniform. | | | |
| Clause | 131 | | 25.10 | 29.10 | 1.11 | 7 | 94 | 2 | 4 | 1204 | 0 | 13 | 0 |
| Rafale | 148 | | 25.10 | 29.10 | 1.11 | 7 | 88 | 6 | 6 | 1127 | 0 | 38 | 0 |
| | Average | | 25.10 | 29.10 | 1.11 | 7 | 91 | 4 | 5 | 1166 | 0 | 25 | 0 |
| Small frame. (| | o the aroun | | n. Some leaf scorch o | | - | - | | | | • | 20 | Ŭ |
| | | J | | | | | | • | | | | | |
| Monsanto | 132 | | 18.10 | 21.10 | 25.10 | 7 | 83 | 10 | 7 | 1025 | 43 | 64 | 0 |
| Forata | 149 | | 15.10 | 21.10 | 25.10 | 10 | 78 | 8 | 14 | 999 | 0 | 51 | 0 |
| RX 5710) | Average | | 16.10 | 21.10 | 25.10 | 9 | 81 | 9 | 10 | 1012 | 22 | 57 | 0 |
| Jniform. Dark | green slig | htly crinkle | d leaf. Sol | id curds. Good Face | oack mat | terial. Lo | ooks ve | ry good | d in trays. A fe | ew small curds. | | | |
| <u> </u> | | | | | | | | | - | | | | |
| Ionsanto | 133 | | 15.10 | 21.10 | 29.10 | 14 | 88 | 4 | 8 | 1127 | 0 | 26 | 0 |
| 5879 | 150 | | 18.10 | 21.10 | 25.10 | 7 | 83 | 10 | 7 | 897 | 214 | 64 | 0 |
| | Average | | 16.10 | 21.10 | 27.10 | 11 | 86 | 7 | 7 | 1012 | 107 | 45 | 0 |

Some Xanthomonas on outer leaves. Solid white curds. Well protected. Slightly wide base to curds. Very good Facepack material.

AUTUMN CAULIFLOWER VARIETY TRIAL

2012

SPACING 34" X 18" 10249/Acre

| | _ | | | | | | | | | Crates / Acre | | |
|---------|------------|------------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PLOT | | | CUTTING PERIOD D | | | Class | Class | Unmarket | Facepack | | | Class 2 |
| | | 10% | 50% | 90% | | 1 | 2 | % | 8 | 6 | 16 | 12 |
| 134 | | 5.11 | 12.11 | 15.11 | 10 | 94 | 2 | 4 | 1178 | 34 | 13 | 0 |
| 151 | | 5.11 | 12.11 | 19.11 | 14 | 92 | 6 | 2 | 1153 | 34 | 38 | 0 |
| Average | | 5.11 | 12.11 | 17.11 | 12 | 93 | 4 | 3 | 1166 | 34 | 25 | 0 |
| | 134 151 | 134 151 | 10% 134 5.11 151 5.11 | 10% 50% 134 5.11 12.11 151 5.11 12.11 | 10% 50% 90% 134 5.11 12.11 15.11 151 5.11 12.11 19.11 | 10% 50% 90% 134 5.11 12.11 15.11 10 151 5.11 12.11 19.11 14 | 10% 50% 90% 1 134 5.11 12.11 15.11 10 94 151 5.11 12.11 19.11 14 92 | 10% 50% 90% 1 2 134 5.11 12.11 15.11 10 94 2 151 5.11 12.11 19.11 14 92 6 | 10% 50% 90% 1 2 % 134 5.11 12.11 15.11 10 94 2 4 151 5.11 12.11 19.11 14 92 6 2 | 10% 50% 90% 1 2 % 8 134 5.11 12.11 15.11 10 94 2 4 1178 151 5.11 12.11 19.11 14 92 6 2 1153 | PLOT CUTTING PERIOD DAYS Class Class Unmarket Facepack 10% 50% 90% 1 2 % 8 6 134 5.11 12.11 15.11 10 94 2 4 1178 34 151 5.11 12.11 19.11 14 92 6 2 1153 34 | 10% 50% 90% 1 2 % 8 6 16 134 5.11 12.11 15.11 10 94 2 4 1178 34 13 151 5.11 12.11 19.11 14 92 6 2 1153 34 38 |

Some Xanthomonas on outer leaves. Solid curds. Good weight. Uniform curds, Good Facepack material. Very few defects. Good cover.

| Clause | 135 | 25.10 | 1.11 | 8.11 | 14 | 90 | 6 | 4 | 1101 | 68 | 38 | 0 |
|--------|---------|-------|------|------|----|----|---|---|------|----|----|---|
| Regata | 152 | 29.10 | 1.11 | 8.11 | 10 | 86 | 8 | 6 | 1076 | 34 | 51 | 0 |
| | Average | 27.10 | 1.11 | 8.11 | 12 | 88 | 7 | 5 | 1088 | 51 | 44 | 0 |

Wide base to curds. Uniform. Strong midrib to leaves. Several plants with sideshoots. Good Facepack material. Good weight.

| Clause | 136 | 5.11 | 15.11 | 19.11 | 14 | 84 | 8 | 8 | 1025 | 68 | 51 | 0 |
|----------|---------|------|-------|-------|----|----|---|---|------|----|----|---|
| Optimist | 153 | 1.11 | 8.11 | 15.11 | 14 | 92 | 6 | 2 | 1178 | 0 | 38 | 0 |
| | Average | 3.11 | 11.11 | 17.11 | 14 | 88 | 7 | 5 | 1101 | 34 | 44 | 0 |

Twisted leaf over curds. Uniform. Slightly wide base to curds. Good Facepack material. Clean leaf. A few small curds.

| Monsanto | 137 | 14 | 5.11 | 19.11 | 26.11 | 11 | 82 | 10 | 8 | 1050 | 0 | 64 | 0 |
|----------|---------|----|------|-------|-------|----|----|----|----|------|----|----|---|
| 2319 | 154 | 14 | 5.11 | 19.11 | 26.11 | 11 | 88 | 2 | 10 | 1101 | 34 | 13 | 0 |
| | Average | | 5.11 | 19.11 | 26.11 | 11 | 85 | 6 | 9 | 1076 | 17 | 38 | 0 |

Very uniform. Very good solid Facepack material. Good curd cover. Easy to cut and pack. Very few defects. Slightly pointed curds.

| Monsanto | 138 | 18.10 | 21.10 | 25.10 | 7 | 80 | 7 | 13 | 1025 | 0 | 43 | 0 |
|----------|---------|-------|-------|-------|---|----|---|----|------|---|----|---|
| Aquata | 155 | 25.10 | 25.10 | 29.10 | 4 | 90 | 2 | 8 | 1162 | 0 | 12 | 0 |
| | Average | 21.10 | 23.10 | 27.10 | 6 | 85 | 4 | 11 | 1094 | 0 | 27 | 0 |

Very uniform solid curds.Slight twist of leaf over curds. A few small curds. Very good Facepack material. Needs cutting every 3 days.

| Monsanto | 139 | 5.11 | 19.11 | 22.11 | 17 | 86 | 2 | 12 | 1067 | 40 | 15 | 0 |
|----------|---------|-------|-------|-------|----|----|---|----|------|----|----|---|
| 5982 | 156 | 12.11 | 15.11 | 19.11 | 7 | 90 | 2 | 8 | 1124 | 34 | 13 | 0 |
| | Average | 8.11 | 17.11 | 20.11 | 12 | 88 | 2 | 10 | 1096 | 37 | 14 | 0 |

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Very leggy frame. Thick midrib to leaves. Slightly wide base to curds. Good Facepack material. White curds. Even depth. Few defects.

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AUTUMN CAULIFLOWER VARIETY TRIAL

2012

SPACING 34" X 18" 10249/Acre

| | | | | | | | | | | Crates / Acre | | |
|---------|------------|------------|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PLOT | | | CUTTING PERIOD | | DAYS | Class | Class | Unmarket | Facepack | | | Class 2 |
| | | 10% | 50% | 90% | | 1 | 2 | % | 8 | 6 | 16 | 12 |
| 140 | | 1.11 | 8.11 | 15.11 | 98 | 14 | 0 | 2 | 1204 | 68 | 0 | 0 |
| 157 | | 5.11 | 12.11 | 19.11 | 14 | 82 | 6 | 12 | 1050 | 0 | 38 | 0 |
| Average | | 3.11 | 10.11 | 17.11 | 14 | 90 | 3 | 7 | 1127 | 34 | 19 | 0 |
| | 140 157 | 140 157 | 10% 140 1.11 157 5.11 | 10% 50% 140 1.11 8.11 157 5.11 12.11 | 10% 50% 90% 140 1.11 8.11 15.11 157 5.11 12.11 19.11 | 10% 50% 90% 140 1.11 8.11 15.11 98 157 5.11 12.11 19.11 14 | 10% 50% 90% 1 140 1.11 8.11 15.11 98 14 157 5.11 12.11 19.11 14 82 | 10% 50% 90% 1 2 140 1.11 8.11 15.11 98 14 0 157 5.11 12.11 19.11 14 82 6 | 10% 50% 90% 1 2 % 140 1.11 8.11 15.11 98 14 0 2 157 5.11 12.11 19.11 14 82 6 12 | 10% 50% 90% 1 2 % 8 140 1.11 8.11 15.11 98 14 0 2 1204 157 5.11 12.11 19.11 14 82 6 12 1050 | PLOT CUTTING PERIOD DAYS Class Class Unmarket Facepack 10% 50% 90% 1 2 % 8 6 140 1.11 8.11 15.11 98 14 0 2 1204 68 157 5.11 12.11 19.11 14 82 6 12 1050 0 | PLOT CUTTING PERIOD DAYS Class Class Unmarket Facepack Image: Constraint of the constr |

Tall frame. Solid uniform curds. Twisted leaf over curds. Good Facepack material. Uniform. Very few defects.

| Monsanto | 141 | 19.11 | 22.11 | 26.11 | 7 | 94 | 0 | 6 | 1153 | 68 | 0 | 0 |
|----------|---------|-------|-------|-------|---|----|---|----|------|----|---|---|
| 2334 | 158 | 19.11 | 22.11 | 26.11 | 7 | 87 | 0 | 13 | 1081 | 38 | 0 | 0 |
| | Average | 19.11 | 22.11 | 26.11 | 7 | 91 | 0 | 9 | 1117 | 53 | 0 | 0 |

Lighter coloured inner leaf. Slightly crinkled leaf. Uniform. Good Facepack material. Medium depth curds. Some large curds.

| Monsanto | 142 | 1.11 | 5.11 | 12.11 | 11 | 92 | 4 | 4 | 1153 | 34 | 25 | 0 |
|----------|---------|------|------|-------|----|----|---|---|------|-----|----|---|
| Appia | 159 | 1.11 | 8.11 | 19.11 | 18 | 86 | 7 | 7 | 1012 | 119 | 44 | 0 |
| | Average | 1.11 | 6.11 | 15.11 | 14 | 89 | 6 | 5 | 1082 | 75 | 35 | 0 |

Leafy.Solid heads. Xanthomonas on outer leaves.Very good Facepack material. Medium curd depth. Uniform. Soft leaves. Easy to cut.

| Syngenta | 143 | 18.10 | 25.10 | 29.10 | 11 | 91 | 2 | 7 | 1114 | 74 | 14 | 0 |
|----------|---------|-------|-------|-------|----|----|---|---|------|-----|----|---|
| C4010 | 160 | 21.10 | 21.10 | 25.10 | 4 | 87 | 8 | 5 | 640 | 626 | 53 | 0 |
| | Average | 19.10 | 23.10 | 27.10 | 8 | 89 | 5 | 6 | 877 | 350 | 34 | 0 |

Uniform. Very good Facepack material. Some large curds. Very few defects. Easy to see, cut and bag. Lokks very good in tray.

| Rijk Zwaan | 144 | 19.11 | 26.11 | 3.12 | 14 | 66 | 8 | 26 | 845 | 0 | 51 | 0 |
|------------|---------|-------|-------|------|----|----|---|----|-----|---|----|---|
| Kernok | 161 | 12.11 | 22.11 | 3.12 | 21 | 78 | 4 | 18 | 999 | 0 | 26 | 0 |
| | Average | 15.11 | 24.11 | 3.12 | 18 | 72 | 6 | 22 | 922 | 0 | 39 | 0 |

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Slightly wide base to curds. Strong leaf. Some stump rot on some plants. Uniform curds, well covered.

| | TIME 0 | <u>JF PL/</u> | ANTINC | J AND | SPAC | ING IR | | winte | r Caul | flower | | <u> 2012 -</u> | <u>13</u> |
|------------------|---------------|---------------|--------------------|--------------|----------------|--------------|--------------|-----------------------------------------|------------------|---------------|---------------|----------------|-----------|
| A plots tran | splanted | 19th Jul | y 2012 | | B plots | transpla | nted 26t | h July 20 | 12 | 8580pla | nts/Acre | | |
| Seed house | PLOT | CL | JTTING PERI | OD | DAYS | Class | Class | Unmkt | | Facepack | | Class 2 | |
| VARIETY | | | | | | 1 | 2 | | | Class 1 | | | |
| | | | | | | | | | | | Crates/Acr | e | |
| | | 10% | 50% | 90% | | % | % | % | | 8 | 6 | 16 | 12 |
| Elsoms | 18B | 30.11 | 3.12 | 24.12 | 24 | 86 | 8 | 6 | | 922 | 0 | 43 | 0 |
| TELDE | 73A | 26.11 | 3.12 | 17.12 | 21 | 78 | 8 | 14 | | 836 | 0 | 43 | 0 |
| (BJ 2890) | Uniform. G | ood Facep | ack materia | al. Few defe | ects. Good | curd cover. | Easy to se | ee, cut and | pack. | | | | |
| Clause | 19B | 8.11 | 12.11 | 15.11 | 7 | 95 | 2 | 3 | | 1019 | 0 | 13 | 0 |
| NAVALO | 74A | 5.11 | 8.11 | 8.11 | 3 | 98 | 0 | 2 | | 772 | 372 | 0 | 0 |
| Uniform plants. | Very good | Facepack r | material. Go | ood curd co | ver. Looks | very good | in the tray. | Slightly wid | e base to c | urds. Very | few defects. | | |
| | | | | | | | | | ļ | | | | |
| Syngenta | 20B | 13.12 | 20.12 | 24.12 | 11 | 87 | 4 | 9 | | 928 | 0 | 24 | 0 |
| LESTERN | 75A | 22.11 | 3.12 | 17.12 | 25 | 86 | 10 | 4 | | 922 | 0 | 54 | 0 |
| Very uniform. S | lightly twist | ed leaf over | r curds. Go | od Facepca | ak material | . Medium c | urd depth. | Few defects | . Looks go | od in tray. C | Clean leaf. | | |
| Monsanto | 21B | 20.12 | 24.12 | 1.1 | 12 | 68 | 12 | 20 | | 730 | 0 | 64 | 0 |
| Typical | 76A | 6.12 | 17.12 | 24.12 | 18 | 82 | 10 | 8 | | 879 | 0 | 54 | 0 |
| Tall pale leaves | . Not easy t | o see curd | s. Solid cur | ds. Paler ir | nner leaf. U | Iniform. God | od Facepac | k material. | Much bette | r from an ea | arlier transp | anting date | |
| Clause | 22B | 26.11 | 10.12 | 20.12 | 24 | 82 | 4 | 14 | | 879 | 0 | 22 | 0 |
| DIWAN | 77A | 19.11 | 22.11 | 3.12 | 14 | 96 | 4 | 0 | | 1030 | 0 | 21 | 0 |
| Very uniform. V | | - | | - | | | - | - | I Very few de | | 0 | | 0 |
| | | | | | | | | | | | | | |
| Syngenta | 23B | 3.12 | 20.12 | 24.12 | 21 | 84 | 8 | 8 | | 901 | 0 | 43 | 0 |
| 4013 | 78A | 3.12 | 13.12 | 20.12 | 17 | 86 | 4 | 10 | | 922 | 0 | 21 | 0 |
| Good Facepack | k material. E | asy to see | e, cut and p | ack. Needs | s cutting ev | ery 3 days. | A few sma | II plants/cu | rds. Few de | efects. Look | s good in tr | ays. | |
| Clause | 24B | 26.11 | 6.12 | 17.12 | 21 | 78 | 10 | 12 | | 815 | 29 | 43 | 14 |
| Galiote | 79A | 19.11 | 26.11 | 10.12 | 21 | 88 | 0 | 12 | | 900 | 57 | 0 | 0 |
| Uniform. Good | - | - | - | - | | | | 1 · · · · · · · · · · · · · · · · · · · | l | | | - | - |

| | | JF PL/ | | <u>i AND</u> | SPAC | NG TR | IAL | Winte | r Caulific | ower | | <u> 2012 -</u> | <u>13</u> |
|--------------------|-------------|--------------|--------------------|--------------|----------------|------------------------|--------------|----------------|------------------|----------|--------------|----------------|-----------|
| A plots trans | planted | 19th Jul | y 2012 | | B plots | transpla | nted 26t | h July 20′ | 12 <u>8</u> | 580pla | nts/Acre | | |
| Seed house | PLOT | CL | JTTING PERI | OD | DAYS | Class | Class | Unmkt | Fa | cepack | | Class 2 | |
| VARIETY | | | | | | 1 | 2 | | 0 | Class 1 | | | |
| | | | | | | | | | | | Crates/Acr | е | |
| | | 10% | 50% | 90% | | % | % | % | | 8 | 6 | 16 | 1 |
| Vilmorin | 25B | 27.12 | 1.10 | 3.1 | 7 | 58 | 28 | 14 | | 617 | 0 | 147 | (|
| Cendis | 80A | 17.12 | 20.12 | 27.12 | 10 | 78 | 14 | 8 | | 837 | 0 | 75 | 0 |
| Uniform. Very go | od Facepa | ick materia | I. Easy to s | see, cut an | d pack. Tei | ndency to b | ecome loo | se in mild w | eather (Later ti | ransplan | ting). Few | other defec | ts. |
| Elsoms | 26B | 17.12 | 24.12 | 1.1 | 15 | 74 | 8 | 18 | | 794 | 0 | 43 | C |
| Belot | 81A | 29.11 | 17.12 | 20.12 | 21 | 80 | 12 | 8 | | 858 | 0 | 64 | |
| Uniform. Good F | | aterial. Sli | | y curds. S | ome small | plants/curc | ls especial | y with later | transplanting. | Medium | sized fram | е. | |
| | | | | | | | | | | | | | |
| Syngenta | 27B | 24.12 | 3.10 | 7.1 | 14 | 70 | 14 | 16 | | 751 | 0 | 64 | (|
| 5020 | 82A | 24.12 | 27.12 | 3.1 | 10 | 70 | 18 | 12 | | 751 | 0 | 96 | (|
| Solid curds. Goo | d Facepac | k material. | Squat unti | dy looking | frame. Twis | sted leaf ov | er curds. S | ome yellowii | ng of leaves at | base of | curds. Mar | kings on m | idrib. |
| Tozer | 28B | 24.12 | 24.12 | 27.12 | 3 | 44 | 36 | 20 | | 477 | 0 | 191 | (|
| 1001 | 83A | 17.12 | 24.12 | 27.12 | 10 | 58 | 22 | 20 | | 622 | 0 | 118 | (|
| Some small cure | ls. Open h | abit. Some | good Face | pack mate | rial. Easy t | o see and o | ut. Cream | y/off white cu | urds. Light cur | ds. | | | |
| Syngenta | 29B | 24.12 | 27.12 | 1.1 | 8 | 63 | 23 | 14 | | 670 | 0 | 121 | C |
| Florino | 84A | 24.12 | 12.12 | 27.12 | 3 | 58 | 26 | 16 | | 622 | 0 | 139 | |
| Slighhtly crinkled | - | | | | - | | | | off white if not | | ry 2 or 3 da | | fects. |
| | | | | | | | | | | | | | |
| Clause | 30B | 24.12 | 27.12 | 7.1 | 14 | 84 | 7 | 9 | | 905 | 0 | 36 | (|
| Triomphant | 85A | 24.12 | 27.12 | 3.1 | 10 | 84 | 7 | 9 | | 905 | 0 | 24 | (|
| Uniform. Clean le | eaf. Good c | curd protect | tion. Good | Facepack r | material. W | <u>'ill turn off v</u> | /hite if not | cut every 2 c | or 3 days. Look | ks good | in tray. Few | / defects. | |
| | 045 | 17.1 | 28.1 | 31.1 | 14 | 62 | 6 | 32 | | 665 | 0 | 32 | (|
| Syngenta | 31B | 17.1 | 20.1 | | | | | | | | | | |

| | TIME (| <u>DF PL/</u> | ANTING | GAND | <u>SPACI</u> | NG TR | IAL | Winte | r Cauli | flower | | <u>2012 -</u> | 13 |
|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------|-------------|
| A plots tran | splanted | 19th Jul | y 2012 | | B plots | transpla | nted 26t | h July 20 [°] | 12 | 8580pla | nts/Acre | | |
| Seed house | PLOT | CL | TTING PERI | OD | DAYS | Class | Class | Unmkt | | Facepack | | Class 2 | |
| VARIETY | | | | | | 1 | 2 | | | Class 1 | | | |
| | | | | | | | | | | | Crates/Acr | е | |
| | | 10% | 50% | 90% | | % | % | % | | 8 | 6 | 16 | 12 |
| Vilmorin | 32B | 24.12 | 1.1 | 7.1 | 14 | 73 | 13 | 14 | | 778 | 0 | 67 | 0 |
| _ecatis | 87A | 24.12 | 27.12 | 1.1 | 8 | 90 | 5 | 5 | | 938 | 36 | 27 | 0 |
| Solid curds. Sli | ghtly wide b | ase to curo | ls. Medium | sized fram | ie. Wide lea | af. Very go | od Facepac | k material L | Jniform. Go | od curd cov | er. Very fev | v defects. | |
| | | | | | | | | | | | | | - |
| Monsanto | 33B | 9.1 | 21.1 | 28.1 | 19 | 56 | 18 | 26 | | 595 | 0 | 95 | 0 |
| Ferminillo | 88A | 9.1 | 21.1 | 24.1 | 15 | 78 | 9 | 13 | | 834 | 0 | 48 | 0 |
| Some ood Face | epack mater | ial. A few s | mall plants | /curds. A fe | ew off white | e curds esp | ecially with | later transp | lanting. Po | or leaf quali | ty at base o | of leaf. | |
| | | | 21.1 | 28.1 | 14 | 66 | 12 | 22 | | 708 | 0 | 64 | 0 |
| Clause | 35B | 14 1 | | | | ~~~ | 14 | | | 100 | U U | 01 | • |
| Clause Jabarte | 35B 90A | 14.1 7 1 | | | 14 | 68 | 16 | 16 | | 729 | 0 | 86 | 0 |
| Jabarte | 90A | 7.1 | 14.1 | 21.1 | 14 white curd | 68 s mid to lat | 16 te January | 16 Needs cutti | ng every 2 | 729 or 3 days (| Ű | 86 over | 0 |
| Jabarte | 90A | 7.1 | 14.1 | 21.1 | | | | _ | ng every 2 | - | Ű | | 0 |
| Jabarte Good Facepack | 90A | 7.1 | 14.1 | 21.1 | | | | _ | ng every 2 | - | Ű | | 0 |
| Jabarte Good Facepack Elsoms | 90A c material. A | 7.1 A few small | 14.1 curds. A fe | 21.1 w loose off | white curd | s mid to lat | te January. | Needs cutti | ng every 2 | or 3 days. (| Good curd c | over. | |
| Jabarte Good Facepack Elsoms Paciano | 90A material. A 36B 91A | 7.1 few small 7.1 7.1 | 14.1 curds. A fe 14.1 9,1 | 21.1 w loose off 21.1 14.1 | white curd 14 7 | s mid to lat 86 78 | te January. 6 10 | Needs cutti 8 12 | | or 3 days. 0 929 836 | Good curd c 0 0 | over. 36 | 0 |
| Jabarte Good Facepack Elsoms Paciano Very good Face | 90A material. A 36B 91A epack mater | 7.1 few small 7.1 7.1 ial. Good v | 14.1 curds. A fe 14.1 9,1 /eight. Unife | 21.1 w loose off 21.1 14.1 prm. Dark g | white curd 14 7 green leaf. (| s mid to lat 86 78 Clean leaf. | 6 10 Good Wrap | Needs cutti 8 12 per leaf. Ea | | or 3 days. (929 836 cut and bag | Good curd c 0 0 | 36 54 | 000 |
| Jabarte Good Facepack Elsoms Paciano Very good Face Tozer | 90A material. A 36B 91A epack mater 37B | 7.1 few small 7.1 7.1 ial. Good v 31.1 | 14.1 curds. A fe 14.1 9,1 /eight. Unife 31.1 | 21.1 w loose off 21.1 14.1 orm. Dark g 4.2 | white curd 14 7 green leaf. (4 | s mid to lat 86 78 Clean leaf. 58 | 6 10 Good Wrap 13 | Needs cutti 8 12 per leaf. Ea 29 | | or 3 days. 0 929 836 cut and bag 620 | Good curd c 0 0 | 36 54 71 | 000 |
| Jabarte Good Facepack Elsoms Paciano Very good Face Tozer 1018 | 90A material. A 36B 91A epack mater 37B 92A | 7.1 7.1 7.1 7.1 ial. Good v 31.1 14.1 | 14.1 curds. A fe 14.1 9,1 /eight. Unife 31.1 21.1 | 21.1 w loose off 21.1 14.1 orm. Dark g 4.2 28.1 | white curd 14 7 green leaf. (4 14 | s mid to lat 86 78 Clean leaf. 58 78 | 6 10 Good Wrap 13 8 | Needs cutti 8 12 per leaf. Ea 29 14 | sy to see, o | or 3 days. 0 929 836 cut and bag 620 837 | Good curd c 0 0 0 | 36 54 71 43 | 0 |
| Jabarte Good Facepack Elsoms Paciano Very good Face Tozer 1018 | 90A material. A 36B 91A epack mater 37B 92A | 7.1 7.1 7.1 7.1 ial. Good v 31.1 14.1 | 14.1 curds. A fe 14.1 9,1 /eight. Unife 31.1 21.1 | 21.1 w loose off 21.1 14.1 orm. Dark g 4.2 28.1 | white curd 14 7 green leaf. (4 14 | s mid to lat 86 78 Clean leaf. 58 78 | 6 10 Good Wrap 13 8 | Needs cutti 8 12 per leaf. Ea 29 14 | sy to see, o | or 3 days. 0 929 836 cut and bag 620 837 | Good curd c 0 0 0 | 36 54 71 43 | 000 |
| Jabarte Good Facepack Elsoms Paciano /ery good Face /ozer I018 Some good Face | 90A material. A 36B 91A epack mater 37B 92A cepack mater | 7.1 7.1 7.1 ial. Good v 31.1 14.1 erial. Much | 14.1 curds. A fe 14.1 9,1 /eight. Unife 31.1 21.1 smaller fra | 21.1 w loose off 21.1 14.1 orm. Dark g 4.2 28.1 me and cur | white curd 14 7 green leaf. (4 14 ds at later | s mid to lat 86 78 Clean leaf. 58 78 transplantir | e January. 6 10 Good Wrap 13 8 ng. Will turn | Needs cutti 8 12 per leaf. Ea 29 14 off white if | sy to see, o | or 3 days. 0 929 836 cut and bag 620 837 ry 2 or 3 da | Good curd c 0 0 0 0 ys when mi | 36 54 71 43 Id. | |
| Jabarte Good Facepack Elsoms Paciano Very good Face Tozer 1018 Some good Face Syngenta | 90A material. A 36B 91A epack mater 37B 92A cepack mater 38B | 7.1 7.1 7.1 ial. Good v 31.1 14.1 erial. Much | 14.1 curds. A fe 14.1 9,1 /eight. Unife 31.1 21.1 smaller fra 11.2 | 21.1 w loose off 21.1 14.1 orm. Dark <u>c</u> 4.2 28.1 me and cur 18.2 | white curd 14 7 green leaf. (4 14 ds at later 14 | s mid to lat 86 78 Clean leaf. 58 78 transplantir 72 | 6 10 Good Wrap 13 8 ng. Will turr 8 | Needs cutti 8 12 per leaf. Ea 29 14 off white if 20 | sy to see, o | or 3 days. 0 929 836 cut and bag 620 837 ry 2 or 3 da 772 | Good curd c 0 0 0 0 0 ys when mi 0 | 36 54 71 43 Id. | |
| Jabarte Good Facepack Elsoms Paciano /ery good Face /ozer I018 Some good Face Syngenta Arkwright | 90A material. A 36B 91A epack mater 37B 92A epack mater 38B 93A | 7.1 7.1 7.1 ial. Good v 31.1 14.1 erial. Much 4.2 28.1 | 14.1 curds. A fe 14.1 9,1 veight. Unife 31.1 21.1 smaller fra 11.2 31.1 | 21.1 w loose off 21.1 14.1 orm. Dark g 4.2 28.1 me and cur 18.2 7.2 | white curd 14 7 green leaf. (4 14 ds at later 14 14 10 | s mid to lat 86 78 Clean leaf. 58 78 transplantir 72 78 | 6 10 Good Wrap 13 8 ng. Will turn 8 4 | Needs cutti 8 12 per leaf. Ea 29 14 off white if 20 18 | sy to see, o | or 3 days. 0 929 836 cut and bag 620 837 ry 2 or 3 da | Good curd c 0 0 0 0 ys when mi | 36 54 71 43 Id. | 0 0 0 |
| Jabarte Good Facepack Elsoms Paciano /ery good Face /ozer I018 Some good Face Syngenta Arkwright | 90A material. A 36B 91A epack mater 37B 92A epack mater 38B 93A | 7.1 7.1 7.1 ial. Good v 31.1 14.1 erial. Much 4.2 28.1 | 14.1 curds. A fe 14.1 9,1 veight. Unife 31.1 21.1 smaller fra 11.2 31.1 | 21.1 w loose off 21.1 14.1 orm. Dark g 4.2 28.1 me and cur 18.2 7.2 | white curd 14 7 green leaf. (4 14 ds at later 14 14 10 | s mid to lat 86 78 Clean leaf. 58 78 transplantir 72 78 | 6 10 Good Wrap 13 8 ng. Will turn 8 4 | Needs cutti 8 12 per leaf. Ea 29 14 off white if 20 18 | sy to see, o | or 3 days. 0 929 836 cut and bag 620 837 ry 2 or 3 da 772 | Good curd c 0 0 0 0 0 ys when mi 0 | 36 54 71 43 Id. | |
| Jabarte Good Facepack Elsoms Paciano Very good Face Tozer 1018 Some good Face | 90A material. A 36B 91A epack mater 37B 92A epack mater 38B 93A | 7.1 7.1 7.1 ial. Good v 31.1 14.1 erial. Much 4.2 28.1 | 14.1 curds. A fe 14.1 9,1 veight. Unife 31.1 21.1 smaller fra 11.2 31.1 | 21.1 w loose off 21.1 14.1 orm. Dark g 4.2 28.1 me and cur 18.2 7.2 | white curd 14 7 green leaf. (4 14 ds at later 14 14 10 | s mid to lat 86 78 Clean leaf. 58 78 transplantir 72 78 | 6 10 Good Wrap 13 8 ng. Will turn 8 4 | Needs cutti 8 12 per leaf. Ea 29 14 off white if 20 18 | sy to see, o | or 3 days. 0 929 836 cut and bag 620 837 ry 2 or 3 da 772 | Good curd c 0 0 0 0 0 ys when mi 0 | 36 54 71 43 Id. | |

| | TIME (| <u> DF PL/</u> | ANTING | GAND | SPAC | <u>ING TR</u> | IAL | Winte | r Cauli | flower | | <u> 2012 -</u> | <u>13</u> |
|---------------------------------------|-------------------|----------------|----------------------|--------------------|--------------------|-------------------|--------------|--------------------|--------------------------|----------------|-------------|----------------|-----------|
| A plots trans | splanted | 19th Jul | y 2012 | | B plots | transpla | nted 261 | h July 20 | 12 | 8580pla | nts/Acre | | |
| Seed house | PLOT | CL | ITTING PERI | OD | DAYS | Class | Class | Unmkt | | Facepack | | Class 2 | |
| VARIETY | | | | | | 1 | 2 | | | Class 1 | | | |
| | | | | | | | | | | | Crates/Acr | е | |
| | | 10% | 50% | 90% | | % | % | % | | 8 | 6 | 16 | 12 |
| Гozer | 40B | 1.1 | 1.1 | 7.1 | 6 | 72 | 13 | 15 | | 723 | 72 | 67 | 0 |
| 043CMS | 95A | 27.12 | 1.1 | 7.1 | 11 | 64 | 12 | 24 | | 686 | 0 | 54 | 14 |
| Slight twist of le | af over curc | ls. Solid cu | rds. Good I | -acepack | material. S | ome loose/ | off white cu | ırds. Fairly ı | uniform. Eas | sy to see, c | ut and pac | k. | |
| ozer | 41B | 1.1 | 7.1 | 9.1 | 8 | 70 | 10 | 20 | | 751 | 0 | 54 | 0 |
| 039 | 96A | 27.12 | 3.1 | 7.1 | 11 | 70 | 20 | 10 | | 724 | 36 | 107 | 0 |
| Clean leaf. Well | protected of | curds. Goo | d Facepack | material. | Looks good | d in trays. S | Some loose | e curds due t | o mild weat | her in early | January. F | ew defects | |
| | 400 | 0.4 | 01.1 | 00.4 | 10 | 0.1 | | 11 | | 005 | 0 | 40 | 0 |
| | 42B | 9.1 7.1 | 21.1 | 28.1 | 19 | 84 | 2 | 14 | | 905 | 0 | 12 | 0 |
| CHF 12-121 Dark green leaf. | 97A Uniform. G | | 14.1 rotection. G | 21.1 Jood Facer | 14 back mater | 84 ial.b Looks | | 6 in trays. Ver | y few defec ⁻ | 901 ts. | 0 | 54 | 0 |
| | | | | | | | | | | | | | |
| Vilmorin | 43B | 17.1 | 31.1 | 4.2 | 18 | 76 | 7 | 17 | | 810 | 0 | 36 | 0 |
| Altadis | 98A | 21.1 | 28.1 | 31.1 | 10 | 67 | 13 | 20 | | 715 | 0 | 71 | 0 |
| Jniform. Very g | ood Facepa | ack materia | I. A few sm | all curds. \ | Nill turn off T | white if not | t cut every | 2 or 3 days i | n mild weat | ther. Clean | leaf. | | |
| Clause | 44B | 28.1 | 31.1 | 4.2 | 7 | 84 | 4 | 12 | | 905 | 0 | 24 | 0 |
| Brick | 99A | 28.1 | 31.1 | 4.2 | 7 | 82 | 9 | 9 | | 882 | 0 | 48 | 0 |
| Jniform. Twiste | d leaf over c | urds. Sligh | tly wide ba | se to curds | . Clean lea | af. Lightish | curds. Nee | d cutting eve | ery 2 or 3 da | ays or will g | o loose. Go | od Facepa | ick. |
| Monsanto | 45B | 21.1 | 31.1 | 4.2 | 14 | 80 | 4 | 16 | | 858 | 0 | 24 | 0 |
| intagel | 100A | 14.1 | 21.1 | 28.1 | 14 | 74 | 8 | 18 | | 794 | 0 | 43 | 0 |
| Solid curds. Go | od clean lea | af. Good Fa | cepack ma | terial. Loo | ks very goo | od in trays. | Uniform. S | maller frame | and curds | with later tra | ansplanting | | |
| Elsoms | 46B | 21.1 | 4.2 | 7.2 | 17 | 46 | 16 | 38 | | 493 | 0 | 86 | 0 |
| Amor | 101A | 21.1 | 28.1 | 4.2 | 14 | 38 | 38 | 24 | | 405 | 0 | 203 | 0 |
| | - | | . Open fram | | | | | | l d Faaanaal | | | | l – – – – |

| | TIME O | OF PL | ANTING | AND | SPAC | ING TR | IAL | Winte | r Cauli | flower | | 2012 - | · 13 |
|------------------|--------------|--------------|--------------------|--------------|---------------|---------------|-------------|------------------------|---------------|----------------|--------------|---------|------|
| A plots tran | splanted | 19th Jul | y 2012 | | B plots | transpla | nted 26t | h July 20 [,] | 12 | 8580pla | nts/Acre | | |
| Seed house | PLOT | CL | JTTING PERI | OD | DAYS | Class | Class | Unmkt | | Facepack | | Class 2 | |
| VARIETY | | | | | | 1 | 2 | | | Class 1 | | | |
| | | | | | | | | | | | Crates/Acr | е | |
| | | 10% | 50% | 90% | | % | % | % | | 8 | 6 | 16 | 12 |
| Vilmorin | 47B | 24.1 | 4.2 | 11.2 | 18 | 90 | 2 | 8 | | 1008 | 0 | 11 | 0 |
| Dionis | 102A | 24.1 | 4.2 | 11.2 | 18 | 76 | 16 | 8 | | 815 | 0 | 86 | 0 |
| _eafy frame. Go | ood weight. | Uniform. G | ood Facepa | ck materia | al. Good cu | rd protectio | n. Clean le | af. Easy to s | see, cut and | d bag. A fev | v small cure | ds. | |
| Clause | 48B | 4.2 | 11.2 | 18.2 | 14 | 84 | 9 | 7 | | 906 | 0 | 48 | 0 |
| Redoutable | 103A | 4.2 | 7.2 | 11.2 | 7 | 62 | 18 | 20 | | 665 | 0 | 97 | 0 |
| Uniform. Short t | | | | | naterial. A f | | | == | if not cut ev | | lays. | | |
| | | | | | | | | | | | | | |
| Vilmorin | 49B | 28.1 | 31.1 | 4.2 | 7 | 86 | 2 | 12 | | 929 | 0 | 12 | 0 |
| Frevaskis | 104A | 24.1 | 31.1 | 4.1 | 11 | 76 | 4 | 20 | | 810 | 0 | 24 | 0 |
| Slightly twisted | leaf over cu | rds. Uniforr | n. Good Fa | cepack ma | aterial. A fe | w small cu | rds. Looks | good in tray | . Better at t | the later trai | nsplanting. | | |
| | | | | | | | | | | | | | |
| Syngenta | 50B | 7.2 | 14.2 | 18.2 | 11 | 86 | 4 | 10 | | 922 | 0 | 21 | 0 |
| Brillen | 105A | 11.2 | 11.2 | 18.2 | 7 | 82 | 7 | 11 | | 882 | 0 | 36 | 0 |
| Twisted leaves | over curds. | Uniform. Co | ompact fram | ne. Good F | acepack n | naterial. Loc | oks very go | od in trays. | Clean leaf. | | | | |
| | 54D | 1.0 | 44.0 | 40.0 | | | | 10 | | 044 | | 4.4 | |
| Syngenta | 51B 106A | 4.2 7.2 | 11.2 11.2 | 18.2 14.2 | 14 | 88 82 | 2 | 10 | | 944 | 0 | 11 | 0 |
| Canten | | | | | - | - | | | l | 879 | 0 | 21 | 0 |
| Very uniform. V | ery good Fa | асераск та | aterial. Goo | a cura cov | er. Easy to | see, cut ar | па раск. V | ery tew deteo | cts. Paler ir | ner leat. | | | |
| Vilmorin | 52B | 31.1 | 4.2 | 14.2 | 14 | 93 | 2 | 5 | | 1001 | 0 | 12 | 0 |
| Trevignis | 107A | 28.1 | 4.2 | 14.2 | 17 | 78 | 10 | 12 | | 836 | 0 | 53 | 0 |
| Very uniform. H | eavy solid c | urds. Very | good Face | pack mate | rial. Few d | efects. Look | ks very goo | d in trays. C | lean leaf. | | | | |
| Monsanto | 53B | 14.1 | 21.1 | 31.1 | 17 | 76 | 11 | 13 | | 810 | 0 | 60 | 0 |
| ionsunto | 108A | 9.1 | 17.1 | 21.1 | 12 | 80 | 2 | 13 | | 858 | 0 | 12 | 0 |
| Treknow | | | | | | | | | | | | | |

| | | <u>JF PL/</u> | ANTINO | j AND | | | | | r Caulif | lower | | <u> 2012 -</u> | <u>13</u> |
|-------------------|------------------|---------------|---------------|----------------|---------------|--------------|--------------|------------------------|---------------|----------------|---------------|----------------|------------|
| A plots trans | splanted | 19th Jul | ly 2012 | | B plots | transpla | nted 26t | h July 20 [°] | 12 | <u>8580pla</u> | nts/Acre | | |
| Seed house | PLOT | CL | JTTING PER | OD | DAYS | Class | Class | Unmkt | | Facepack | | Class 2 | |
| VARIETY | | | | | | 1 | 2 | | | Class 1 | | | |
| | | | | | _ | | | | | | Crates/Acr | е | |
| | | 10% | 50% | 90% | | % | % | % | | 8 | 6 | 16 | 12 |
| Clause | 54B | 5.2 | 7.2 | 14.2 | 9 | 87 | 0 | 13 | | 929 | 0 | 0 | 0 |
| Fleet | 109A | 31.1 | 7.2 | 14.2 | 14 | 69 | 16 | 15 | | 739 | 0 | 83 | 0 |
| Uniform. Slightly | y wide base | to curds. | Twisted lea | ves over cu | rds. Looks | good in tra | ys. Good F | acepack ma | aterial. Few | defects. O | ff white in m | nild weather | ' <u>.</u> |
| Syngenta | 55B | 18.2 | 23.2 | 7.3 | 17 | 87 | 4 | 9 | | 929 | 0 | 24 | 0 |
| Clemen | 110A | 11.2 | 18.2 | 18.2 | 7 | 84 | 2 | 14 | | 882 | 32 | 12 | 0 |
| Uniform. Uprigh | t frame. Lig | hter green | inner leaf. S | Solid curds. | Very good | Facepack | material. A | few small o | curds, few ot | her defects | S. | | |
| | | | | | | | | | | | | | |
| Clause | 56B | 23.2 | 28.2 | 10.3 | 15 | 92 | 6 | 2 | | 986 | 0 | 32 | 0 |
| Matelot | 111A | 14.2 | 23.2 | 7.3 | 21 | 84 | 11 | 5 | | 906 | 0 | 48 | 16 |
| Excellent Face | oack materi | al. Uniform | . Good weig | ght. Very fe | w defects. | | | | | | | | |
| | | | | | | | | | | | | | |
| Clause | 57B | 28.2 | 7.3 | 10.3 | 10 | 91 | 2 | 7 | | 977 | 0 | 12 | 0 |
| Mascaret | 112A | 18.2 | 7.3 | 7.3 | 17 | 87 | 4 | 9 | | 929 | 0 | 24 | 0 |
| Uniform. Very g | ood Facepa | ack materia | al. Good cui | d cover. Lo | ooks good | in tray. Eas | sy to see, o | ut and bag. | Medium der | oth curds. | | | |
| Syngenta | 58B | 18.2 | 28.2 | 10.3 | 15 | 85 | 5 | 10 | | 912 | 0 | 27 | 0 |
| SGC 5007 | 113A | 18.2 | 25.2 | 7.3 | 17 | 84 | 7 | 9 | | 906 | 0 | 36 | 0 |
| Solid curds. Up | _ | _ | - | - | hable curd of | | d Facepack | material. | | | - | | |
| | | | | | | | | | | | | | |
| Syngenta | 59B | 3.1 | 9.1 | 14.1 | 11 | 51 | 18 | 31 | | 548 | 0 | 95 | 0 |
| SGC 5032 | 114A | 27.12 | 7.1 | 9.1 | 13 | 49 | 27 | 24 | | 524 | 0 | 143 | 0 |
| Small frame. Sr | nall compac I | ct curds. C | pen habit. S | Some good I | Facepack | material. S | Small wrapp | er leaves. S | Some Xantho | monas on | outer leaves | 3. | |
| Syngenta | 60B | 11.2 | 11.2 | 18.2 | 7 | 92 | 0 | 8 | | 987 | 0 | 0 | 0 |
| | 115A | 11.2 | 18.2 | 18.2 | 7 | 93 | 0 | 7 | | 1000 | 0 | 0 | 0 |

| | TIME (| | | | | | | Winte | | | | <u> 2012 -</u> | |
|------------------|--------------|--------------|--------------|---------------|-----------------|--------------|--------------|------------------------|--------------|----------------|-------------|----------------|----|
| A plots trans | splanted | 19th Jul | y 2012 | | B plots | transpla | nted 26th | า July 20 ⁻ | 12 | <u>8580pla</u> | nts/Acre | | |
| Seed house | PLOT | CL | JTTING PERI | OD | DAYS | Class | Class | Unmkt | | Facepack | | Class 2 | |
| VARIETY | | | | | | 1 | 2 | | | Class 1 | | | |
| | | | | | | | | | | | Crates/Acr | e | |
| | | 10% | 50% | 90% | | % | % | % | | 8 | 6 | 16 | 12 |
| Monsanto | 61B | 7.2 | 18.2 | 18.2 | 11 | 78 | 7 | 15 | | 834 | 0 | 36 | 0 |
| Carantic | 116A | 4.2 | 11.2 | 18.2 | 14 | 76 | 5 | 19 | | 810 | 0 | 24 | 0 |
| Solid curds. Go | od wrapper | leaf. Unifor | m. Easy to | see, cut a | nd bag. Go I | od Facepa | ck material. | Slightly sp | reading bas | e. Clean le | af. | | |
| Tozer | 63B | 18.2 | 7.3 | 10.3 | 20 | 71 | 16 | 13 | | 763 | 0 | 83 | 0 |
| FT 2038 | 118A | 11.2 | 18.2 | 23.2 | 12 | 84 | 4 | 12 | | 906 | 0 | 24 | 0 |
| Some very good | l Facepack | material. V | ariation in | plant sizes | Roscoff ty | vpe. Easy to | o see, cut a | nd pack. G | ood curd co | ver. | | | |
| | | | | | | | | | | | | | |
| Elsoms | 64B | 18.2 | 8.30 | 14.3 | 24 | 78 | 4 | 18 | | 836 | 0 | 21 | 0 |
| Madiot | 119A | 18.2 | 7.3 | 10.3 | 20 | 76 | 14 | 10 | | 815 | 0 | 75 | 0 |
| Uniform. Good F | acepack m | naterial. Da | rk green lea | af. Solid cu | rds. Good o | curd cover. | Looks very | good in tray | /S. | | | | |
| | | | | | | | | | | | | | |
| Syngenta | 65B | 10.3 | 18.3 | 25.3 | 15 | 85 | 7 | 8 | | 911 | 0 | 40 | 0 |
| SGC 5008 | 120A | 28.2 | 10.3 | 18.3 | 18 | 82 | 5 | 13 | | 885 | 0 | 27 | 0 |
| Veru uniform. V | ery good Fa | acepack ma | aterial. Dee | p solid very | well prote | cted curds. | Clean leaf. | Very few de | efects. Easy | / to see cu | t and bag. | | |
| Tozer | 66B | 2.4 | 8.4 | 15.4 | 13 | 42 | 18 | 40 | | 453 | 0 | 95 | 0 |
| FT 2063 | 121A | 25.3 | 4.4 | 8.4 | 14 | 40 | 20 | 40 | | 429 | 0 | 107 | 0 |
| Small curds. Op | oen habit. L | eafy frame. | Tendency | to turn off v | vhite. | | | | | | | | |
| Monsanto | 67B | 18.2 | 8.3 | 8.3 | 18 | 85 | 5 | 10 | | 912 | 0 | 27 | 0 |
| Trewint | 122A | 11.2 | 18.2 | 18.2 | 7 | 95 | 0 | 5 | | 1024 | 32 | 0 | 0 |
| Uniform. Very g | ood Facepa | ick materia | I. Clean lea | af. Solid cur | ds/good we | eight. Easy | to see, cut | and bag. V | ery few defe | ects. Good | curd cover. | | |
| Syngenta | 68B | 8.4 | 18.4 | 22.4 | 14 | 61 | 20 | 19 | | 654 | 0 | 105 | 0 |
| C6805 | 123A | 8.4 | 18.4 | 18.4 | 10 | 62 | 20 | 18 | | 667 | 0 | 100 | 0 |
| Curled leaf over | - | - | - | - | | - | | | funkita Dal | | Ŭ | | |

| | TIME (| OF PL/ | ANTING | AND | SPAC | NG TR | IAL | Winte | r Cauli | flower | | <u> 2012 -</u> | 13 |
|-----------------|--------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|----------------|------------|----------------|----|
| A plots tran | splanted | 19th Jul | y 2012 | | B plots | transpla | nted 26t | h July 20 | 12 | 8580pla | nts/Acre | | |
| Seed house | PLOT | CL | ITTING PERI | OD | DAYS | Class | Class | Unmkt | | Facepack | | Class 2 | |
| VARIETY | | | | | | 1 | 2 | | | Class 1 | | | |
| | | | | | | | | | | | Crates/Acr | е | |
| | | 10% | 50% | 90% | | % | % | % | | 8 | 6 | 16 | 12 |
| Syngenta | 69B | 21.3 | 2.4 | 8.4 | 18 | 90 | 0 | 10 | | 965 | 0 | 0 | 0 |
| Danden | 124A | 10.3 | 21.3 | 2.4 | 23 | 82 | 5 | 13 | | 885 | 0 | 27 | 0 |
| Uniform. Good | cover. Good | Facepack | material. S | olid curds. | Easy to se | ee, cut and | bag. Clear | leaf. Looks | good in tra | ys. Upright | frame. | | |
| | | | | | | | | | | | - | | |
| Tozer | 70B | 11.2 | 18.2 | 28.2 | 17 | 53 | 20 | 27 | ļ | 563 | 0 | 107 | 0 |
| FT 2067 | 125A | 7.2 | 11.2 | 23.2 | 16 | 67 | 16 | 17 | | 715 | 0 | 83 | 0 |
| Some variation | in plant and | curd sizes | . Some goo | od Facepa | ck material | . A few mul | ti headed p | lants. Tende | ency to turn | n off white qu | uickly. | | |
| Syngenta | 71B | 18.3 | 8.4 | 11.4 | 24 | 87 | 3 | 10 | | 938 | 0 | 13 | 0 |
| Charif | 126A | 10.3 | 21.3 | 25.3 | 15 | 91 | 2 | 7 | | 977 | 0 | 12 | 0 |
| Solid curds. Un | | | | | - | - | | | | | | | |
| | | | | | | - | | | | | | | |
| Syngenta | 72B | 2.4 | 8.4 | 11.4 | 9 | 78 | 5 | 17 | | 831 | 0 | 13 | 18 |
| Drunen | 127A | 25.3 | 8.4 | 15.4 | 21 | 83 | 2 | 15 | | 885 | 0 | 13 | 0 |
| The only defect | was small | curds. Very | good Face | pack mate | erial. Good | weight. Slig | ghtly wide I | base. Looks | good in tra | ys. | | | |
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| 2072 Medium sizerd frame. Slightly twisted leaf around curds. Upright leaf. Fairly uniform. Wide base. Lightish curds. Looks good in trays. Medium sizerd frame. Slightly twisted leaf around curds. Upright leaf. Fairly uniform. Wide base. Lightish curds. Looks good in trays. Clause 214 25.4 2.5 7 95 0 5 975 65 0 CH10-106 Very uniform. Bluey/green leaf. Slightly twisted leaf over curds. Excellent Facepack material. Easy to see, cut and bag. Medium height. Very few defects Flextner Very uniform. Slightly twisted leaf. Solid, heavy deep curds. Very good Facepack material. Very and the sec to curds. Very uniform. Solid deep curds. Very good Facepack material. Syngenta 216 15.4 18.4 22.5 7 97 0 12 0 Syngenta 217 25.4 29.4 2.5 7 97 0 12 0 Syngenta 216 15.4 18.4 22.4 7 91 2 7 977 0 12 65025 Bluey/green leaf. Slightly wide base to curds. Very uniform. Very good Facepack material. Very few defects. Very few defects. Very few defects. Syngenta 217 25.4 29. | | LATE | <u>VARIE</u> | <u>TY TR</u> | <u>AIL</u> | | | | Winter | [·] Cauliflov | ver | <u> 2012 -</u> | <u>· 13</u> |
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| VARIETY 1 2 Class 1 10% 50% 90% % % % 8 6 16 Tozer 213 18.4 22.4 25.4 7 83 5 12 858 36 27 Medium sizerd frame. Slightly twisted leaf around curds. Upright leaf. Fairly uniform. Wide base. Lightish curds. Looks good in trays. Creates/Acre 7 95 0 5 975 65 0 CHause 214 25.4 25.5 7 95 0 5 975 65 0 CHoulong Usery uniform. Buey/green leaf. Slightly twisted leaf over curds. Excellent Facepack material. Easy to see, cut and bag. Medium height. Very few defects Very uniform. Buey/green leaf. Slightly twisted leaf over curds. Excellent Facepack material. Easy to see, cut and bag. Medium height. Very few defects Stongsoft type. Upright leaf. Medium/dark green leaf. Solid, heavy deep curds. Very good Facepack material. Partial and an and an and an and an an and an | A plots trans | splanted | 19th Jul | y 2012 | | | | | | 858 | Oplants/Acre | | |
| 10% 50% 90% % % % % % % 8 6 16 Tozer 213 18.4 22.4 25.4 7 83 5 12 858 36 27 Medium sizerd frame. Slightly twisted leaf around curds. Upright leaf. Fairly uniform. Wide base. Lightish curds. Looks good in trays. <td< th=""><th>Seed house</th><th>PLOT</th><th>CL</th><th>JTTING PER</th><th>IOD</th><th>DAYS</th><th>Class</th><th>Class</th><th>Unmkt</th><th>Face</th><th>back</th><th>Class 2</th><th></th></td<> | Seed house | PLOT | CL | JTTING PER | IOD | DAYS | Class | Class | Unmkt | Face | back | Class 2 | |
| 10% 50% 90% % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % % </th <th>VARIETY</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>1</th> <th>2</th> <th></th> <th>Cla</th> <th>ss 1</th> <th></th> <th></th> | VARIETY | | | | | | 1 | 2 | | Cla | ss 1 | | |
| Tozer 213 18.4 22.4 25.4 7 83 5 12 858 36 27 Medium sizerd frame. Slightly twisted leaf around curds. Upright leaf. Fairly uniform. Wide base. Lightlish curds. Looks good in trays. Image: Clause 214 25.4 25.7 95 0 5 975 65 0 Clause 214 25.4 25.4 2.5 7 95 0 5 975 65 0 CH10-106 Image: Clause 215 25.4 2.5 7 88 0 12 949 0 0 Very uniform. Bluey/green leaf. Slightly twisted leaf over curds. Excellent Facepack material. Easy to see, cut and bag. Medium height. Very few defects Elsoms 215 25.4 29.4 2.5 7 88 0 12 949 0 0 Fletcher Image: Clause 216 15.4 18.4 22.4 7 91 2 7 977 0 12 Syngenta 216 15.4 <td></td> <td>Crates/Acr</td> <td>e</td> <td></td> | | | | | | | | | | | Crates/Acr | e | |
| 2072 Medium sizerd frame. Slightly twisted leaf around curds. Upright leaf. Fairly uniform. Wide base. Lightish curds. Looks good in trays. Medium sizerd frame. Slightly twisted leaf around curds. Upright leaf. Fairly uniform. Wide base. Lightish curds. Looks good in trays. Clause 214 25.4 2.5 7 95 0 5 975 65 0 CH10-106 Very uniform. Bluey/green leaf. Slightly twisted leaf over curds. Excellent Facepack material. Easy to see, cut and bag. Medium height. Very few defects Very uniform. Bluey/green leaf. Slightly twisted leaf over curds. Excellent Facepack material. Easy to see, cut and bag. Medium height. Very few defects Fletcher 215 25.4 2.9.4 2.5 7 88 0 12 949 0 0 Syngenta 216 15.4 18.4 22.4 7 91 2 7 977 0 12 65025 Good Easy to see to curds. Very uniform. Solid deep curds. Very good Facepack material. 977 0 12 65025 Syngenta 217 25.4 29.4 2.5 7 97 0 3 1049 0 0 Syngenta 217 25.4 | | | 10% | 50% | 90% | | % | % | % | 8 | 3 6 | 16 | 12 |
| Medium sizerd frame. Slightly twisted leaf around curds. Upright leaf. Fairly uniform. Wide base. Lightish curds. Looks good in trays. Image: Clause of the state of th | | 213 | 18.4 | 22.4 | 25.4 | 7 | 83 | 5 | 12 | 8 | 58 36 | 27 | 0 |
| Clause 214 25.4 25.4 2.5 7 95 0 5 975 65 0 CH10-106 Image: Constraint of the second secon | - | | | | | | | | | | | | |
| CH10-106 Image: Chi of the sector of the | Medium sizerd | frame. Sligh | ntly twisted | leaf around | l curds. Upr I | right leaf. F I | airly unifor | m. Wide ba | ase. Lightish o | curds. Looks go | od in trays. | | ┝─── |
| Very uniform. Bluey/green leaf. Slightly twisted leaf over curds. Excellent Facepack material. Easy to see, cut and bag. Medium height. Very few defects. Elsoms 215 25.4 29.4 2.5 7 88 0 12 949 0 0 Fletcher Image: Constraint of the sector of type. Upright leaf. Medium/dark green leaf. Solid, heavy deep curds. Very good Facepack material. Image: Constraint of the sector of type. Upright leaf. Medium/dark green leaf. Solid, heavy deep curds. Very good Facepack material. Image: Constraint of the sector of type. Upright leaf. Slightly wide base to curds. Very uniform. Solid deep curds. Very good Facepack material. Image: Constraint of the sector of type. Upright leaf. Slightly wide base to curds. Very uniform. Solid deep curds. Very good Facepack material. Image: Constraint of the sector of type. Upright leaf. Slightly wide base to curds. Very uniform. Solid deep curds. Very good Facepack material. Image: Constraint of the sector of type. Upright leaf. Slightly wide base to curds. Very uniform. Solid deep curds. Very good Facepack material. Image: Constraint of the sector of type. Upright leaf. Slightly wide base to curds. Very uniform. Very good Facepack material. Image: Constraint of the sector of type. Upright leaf. Slightly spreading habit. Very uniform. Very good Facepack material. Slightly crinkled leaf around curds. Very few defects. Syngenta 217 25.4 29.5 21 88 0 12 942 0 0 Syngenta 219 1 | Clause | 214 | 25.4 | 25.4 | 2.5 | 7 | 95 | 0 | 5 | 97 | 75 65 | 0 | 0 |
| Elsoms 215 25.4 29.4 2.5 7 88 0 12 949 0 0 Fletcher Image: Construction of the structure of the struc | CH10-106 | | | | | | | | | | | | |
| Fletcher Image: Constraint of the second | Very uniform. B | luey/green | leaf. Slightl | y twisted le | eaf over curo | ds. Excelle | ent Facepa | ck material | . Easy to see | , cut and bag. N | ledium height. V | ery few defe | ects |
| Fletcher Image: Constraint of the sector of type. Upright leaf. Medium/dark green leaf. Solid, heavy deep curds. Very good Facepack material. Image: Constraint of the sector of type. Upright leaf. Slightly wide base to curds. Very uniform. Solid deep curds. Very good Facepack material. Image: Constraint of the sector of type. Upright leaf. Slightly wide base to curds. Very uniform. Solid deep curds. Very good Facepack material. Image: Constraint of the sector of type. Upright leaf. Slightly wide base to curds. Very uniform. Solid deep curds. Very good Facepack material. Image: Constraint of the sector of type. Upright leaf. Slightly wide base to curds. Very uniform. Solid deep curds. Very good Facepack material. Image: Constraint of the sector of type. Upright leaf. Slightly wide base to curds. Very uniform. Solid deep curds. Very good Facepack material. Image: Constraint of the sector of type. Upright leaf. Slightly wide base to curds. Very uniform. Solid deep curds. Very good Facepack material. Image: Constraint of the sector of type. Upright leaf. Slightly wide base to curds. Very uniform. Very good Facepack material. Image: Constraint of the sector of type. Upright leaf. Slightly spreading habit. Very uniform. Very good Facepack material. Slightly crinkled leaf around curds. Very few defects. Syngenta 217 25.4 29.5 7 97 0 3 1049 0 0 Bluey/green leaf. Slightly spreading habit. Very uniform. Very good Facepack material. Slightly crinkled leaf around curds. Very few defects. Image: Constraint of the sector of | - | 045 | 05.4 | 00.4 | 0.5 | | | | 40 | | | | |
| Roscoff type. Upright leaf. Medium/dark green leaf. Solid, heavy deep curds. Very good Facepack material. Image: Constraint of the state of t | | 215 | 25.4 | 29.4 | 2.5 | 1 | 88 | 0 | 12 | 94 | 19 0 | 0 | 0 |
| Syngenta 216 15.4 18.4 22.4 7 91 2 7 977 0 12 C5025 Image: Solid stress of type. Upright leaf. Slightly wide base to curds. Very uniform. Solid deep curds. Very good Facepack material. Image: Solid stress of type. Upright leaf. Slightly wide base to curds. Very uniform. Solid deep curds. Very good Facepack material. Image: Solid stress of type. Upright leaf. Slightly wide base to curds. Very uniform. Solid deep curds. Very good Facepack material. Image: Solid stress of type. Upright leaf. Slightly spreading habit. Very uniform. Very good Facepack material. Slightly crinkled leaf around curds. Very few defects. Image: Solid stress of type. Upright leaf. Slightly spreading habit. Very uniform. Very good Facepack material. Slightly crinkled leaf around curds. Very few defects. Syngenta 219 18.4 6.5 9.5 21 88 0 12 942 0 0 Sightly spreading habit. Pale green leaf. Large frame. Image: Solid stress of type. Sightly spreading habit. Pale green leaf. Large frame. Image: Solid stress of type. Monsanto 220 25.3 < | | pright loof | Madiuma/da | | f Colid ho | | | | | 1 | | | |
| C5025Image: constraint of the sector of type. Upright leaf. Slightly wide base to curds. Very uniform. Solid deep curds. Very good Facepack material.Image: constraint of the sector of type. Upright leaf. Slightly wide base to curds. Very uniform. Solid deep curds. Very good Facepack material.Image: constraint of type. Upright leaf. Slightly wide base to curds. Very uniform. Solid deep curds. Very good Facepack material.Image: constraint of type. Upright leaf. Slightly wide base to curds. Very uniform. Solid deep curds. Very good Facepack material.Image: constraint of type. Upright leaf. Slightly wide base to curds. Very uniform. Very good Facepack material. Slightly crinkled leaf around curds. Very few defects.Syngenta21725.429.42.5797031049000Bluey/green leaf. Slightly spreading habit. Very uniform. Very good Facepack material. Slightly crinkled leaf around curds. Very few defects.Image: constraint of type. Upright leaf. Slightly spreading habit. Pale green leaf. Large frame.Image: constraint of type. Upright leaf. Slightly spreading habit. Pale green leaf. Large frame.Image: constraint of type. Upright leaf. Slightly spreading habit. Pale green leaf. Large frame.Image: constraint of type. Upright leaf. Slightly spreading habit. Pale green leaf. Large frame.Image: constraint of type. Upright leaf. Slightly spreading habit. Pale green leaf. Large frame.Image: constraint of type. Upright leaf. Slightly spreading habit. Pale green leaf. Large frame.Image: constraint of type. Upright leaf. Slightly spreading habit. Pale green leaf. Large frame.Image: constraint of type. Upright leaf. Slightly spreading habit. Pale green leaf. Large frame.Image: constraint of type. Upright leaf. Slightly spreading habit. Pale green leaf. Large frame.< | Roscoli type. O | prigrit lear. I | vieulum/ua | | | | | | | | | | |
| DelonImage: constraint of the systemImage: constraint of the systemImage: constraint of the systemImage: constraint of the systemBluey/green leaf. Slightly spreading habit. Very uniform. Very good Facepack material. Slightly crinkled leaf around curds. Very few defects.Syngenta21918.46.59.52188012942000Sg 4732Image: constraint of the systemImage: constraint of the systemSlightly spreading habit. Pale green leaf. Large frame.Image: constraint of the systemImage: constraint of the systemImage: constraint of the systemImage: constraint of the systemImage: constraint of the systemMonsanto22025.38.415.4215335125630188 | Syngenta | 216 | 15.4 | 18.4 | 22.4 | 7 | 91 | 2 | 7 | 97 | 77 0 | 12 | 0 |
| Syngenta 217 25.4 29.4 2.5 7 97 0 3 1049 0 0 Delon Image: Constraint of the stress of the str | C5025 | | | | | | | | | | | | |
| DelonImage: constraint of the systemImage: constraint of the systemImage: constraint of the systemImage: constraint of the systemBluey/green leaf. Slightly spreading habit. Very uniform. Very good Facepack material. Slightly crinkled leaf around curds. Very few defects.Image: constraint of the systemSyngenta21918.46.59.5218801294200SG 4732Image: constraint of the systemImage: constraint of the systemSlightly spreading habit. Pale green leaf. Large frame.Image: constraint of the systemImage: constraint of the systemImage: constraint of the systemImage: constraint of the systemMonsanto22025.38.415.4215335125630188 | Roscoff type. U | pright leaf. | Slightly wid | le base to o | urds. Very | uniform. S | olid deep c | urds. Very | good Facepa | ck material. | | | |
| DelonImage: constraint of the systemImage: constraint of the systemImage: constraint of the systemImage: constraint of the systemImage: constraint of the systemBluey/green leaf. Slightly spreading habit. Very uniform. Very good Facepack material. Slightly crinkled leaf around curds. Very few defects.Image: constraint of the systemImage: constraint of the systemSyngenta21918.46.59.5218801294200SG 4732Image: constraint of the systemImage: constraint of the systemImage: constraint of the systemImage: constraint of the systemImage: constraint of the systemSlightly spreading habit. Pale green leaf. Large frame.Image: constraint of the systemImage: constraint of the systemImage: constraint of the systemMonsanto22025.38.415.4215335125630188 | Svngenta | 217 | 25.4 | 29.4 | 2.5 | 7 | 97 | 0 | 3 | 10 | 49 0 | 0 | 0 |
| Syngenta 219 18.4 6.5 9.5 21 88 0 12 942 0 0 SG 4732 Image: Sightly spreading habit. Pale green leaf. Large frame. Image: Sightly spreading habit. Pale green leaf. Large frame. Image: Sightly spreading habit. Pale green leaf. Large frame. Image: Sightly spreading habit. Pale green leaf. Large frame. Image: Sightly spreading habit. Pale green leaf. Large frame. Image: Sightly spreading habit. Pale green leaf. Large frame. Image: Sightly spreading habit. Pale green leaf. Large frame. Image: Sightly spreading habit. Pale green leaf. Large frame. Image: Sightly spreading habit. Pale green leaf. Large frame. Image: Sightly spreading habit. Pale green leaf. Large frame. Image: Sightly spreading habit. Pale green leaf. Large frame. Image: Sightly spreading habit. Pale green leaf. Large frame. Image: Sightly spreading habit. Pale green leaf. Large frame. Image: Sightly spreading habit. Pale green leaf. Large frame. Image: Sightly spreading habit. Pale green leaf. Large frame. Image: Sightly spreading habit. Pale green leaf. Large frame. Image: Sightly spreading habit. Image: Sightly spreading habit. Pale green leaf. Large frame. Image: Sightly spreading habit. Image: Sightly s | | | - | | | | - | | | | | - | |
| SG 4732 Image: Mail of the second | Bluey/green lea | f. Slightly s | preading ha | abit. Very u | niform. Ver | y good Fac | cepack ma | terial. Sligh | tly crinkled le | af around curds. | Very few defect | S. | |
| SG 4732 Image: Marcon Signature Ima | | | | | | | | | | | | | |
| Slightly spreading habit. Pale green leaf. Large frame. | Syngenta | 219 | 18.4 | 6.5 | 9.5 | 21 | 88 | 0 | 12 | 94 | 42 0 | 0 | 0 |
| Monsanto 220 25.3 8.4 15.4 21 53 35 12 563 0 188 | SG 4732 | | | | | | | | | | | | |
| | Slightly spreadi | ng habit. Pa | ale green le I | eaf. Large fr | ame. | | | | | | | | |
| | Monsanto | 220 | 25.3 | 8.4 | 15.4 | 21 | 53 | 35 | 12 | 50 | 63 0 | 188 | 0 |
| | Tenfold | | | | | | | | | | | | |

| | LATE | VARIE | TY TR | AIL | | | | Winte | r Cauli | flower | | <u> 2012 -</u> | 13 |
|---------------------|---------------|--------------|-------------------|---------------|-------------|-------------|--------------|----------------|--------------|----------------|---------------|----------------|---------|
| A plots tran | splanted | 19th Ju | y 2012 | | | | | | | 8580pla | nts/Acre | | |
| Seed house | PLOT | CL | JTTING PER | OD | DAYS | Class | Class | Unmkt | | Facepack | | Class 2 | |
| VARIETY | | | | | | 1 | 2 | | | Class 1 | | | |
| | | | | | | | | | | | Crates/Acr | e | |
| | | 10% | 50% | 90% | | % | % | % | | 8 | 6 | 16 | 12 |
| Monsanto | 221 | 25.3 | 15.4 | 18.4 | 24 | 71 | 11 | 18 | | 763 | 0 | 60 | 0 |
| 5874 | | | | | | | | | | | | | |
| Pale green leaf | . Slightly sp | reading hal | bit. Very he | avy curds. | Good Face | epack mate | erial. Tough | looking leaf. | A few sma | ll curds initi | ally. Will tu | ırn off white | |
| | | | | | | | | | | | | | |
| Tozer | 222 | 2.5 | 6.5 | 9.5 | 7 | 71 | 20 | 9 | | 763 | 0 | 107 | 0 |
| 3062 | | | | | | | | | | | | | |
| Pale green leaf | . Slightly sp | reading hal | bit. Smallis I | h frame. Lo | ose leaf ov | er curds. F | ointed cure | ds. Variable s | ized curds. | Some go | od Facepac | k material. | 1 |
| Syngenta | 223 | 11.2 | 15.2 | 18.2 | 7 | 70 | 6 | 24 | | 751 | 0 | 32 | 0 |
| 4774 | _ | | _ | | | | | | | - | - | - | _ |
| Slightly crinkle | d leaf type. | Open habit | . Variation i | n curd size | . Some fla | ttish curds | . Some acc | d Facepack | material. S | liahtlv wide | base to cu | rds. | |
| | | | | | | | l como got | | | | | | |
| Tozer | 224 | 9.5 | 16.5 | 24.5 | 15 | 95 | 5 | 0 | | 1047 | 0 | 25 | 0 |
| 3007 | | | | | | | _ | | | | - | - | _ |
| Crinkled leaf. S | preading ha | bit. Smallis | sh frame. U | niform. Blue | ey/green le | af. Good c | urd cover. L | _ooks very go | od in trays. | Good Fac | epack mate | erial. Few d | efects. |
| | | | | | | | | | 2 | | | | |
| Tozer | 225 | 9.5 | 13.5 | 16.5 | 7 | 93 | 0 | 7 | | 1001 | 0 | 0 | 0 |
| 3064 | | | | | | | | | | | | | |
| Tall frame. Crin | kled leaf arc | und curds. | Bluey/gree | en leaf. Unif | orm. Slight | tly wide ba | se to curds | . Very good I | -acepack n | naterial. Lo | oks very go | od in trays. | |
| | | | | | | | | | | | | | |
| Syngenta | 226 | 25.3 | 15.4 | 18.4 | 24 | 60 | 15 | 25 | | 644 | 0 | 80 | 0 |
| SG 4773 | | | | | | | | | | | | | |
| Crinkled leaf. S | preading ha | bit. Pale gr | reen leaf. S | mall curds. | Loose crir | kled leaf o | ver curds. | Fendency to t | urn off whit | e. | | | |
| | 227 | 27.5 | 30.5 | 3.6 | 7 | 60 | 10 | 30 | | 644 | 0 | 54 | 0 |
| Vilmorin | | | 00.0 | | | | | | | | | | L V |
| Vilmorin VT 3001 | | | | | | | | | | | | | |

| | LATE | VARIE | TY TR | AIL | | | | Winter | ^r Caulif | flower | | <u> 2012 -</u> | 13 |
|-------------------|---------------|---------------|---------------|--------------|---------------|---------------|---------------|-----------------|---------------------|-------------|---------------|----------------|----|
| A plots trans | splanted | 19th Jul | y 2012 | | | | | | | 8580pla | nts/Acre | | |
| Seed house | PLOT | CU | ITTING PERI | OD | DAYS | Class | Class | Unmkt | | Facepack | | Class 2 | |
| VARIETY | | | | | | 1 | 2 | | | Class 1 | | | |
| | | | | | | | | | | | Crates/Acr | е | |
| | | 10% | 50% | 90% | | % | % | % | | 8 | 6 | 16 | 12 |
| Tozer | 228 | 20.5 | 27.5 | 3.6 | 14 | 80 | 10 | 10 | | 858 | 0 | 54 | 0 |
| 3008 | | | | | | | | | | | | | |
| Crinkled leaf. Sl | lightly sprea | ading habit. | Dull green | leaf. Rings | pot on oute | er leaves. S | lightly poin | ted curds. S | ome good | Facepack ı | material. | | |
| | | | | | | | | | | | | | |
| Tozer | 229 | 20.5 | 27.5 | 3.6 | 14 | 68 | 5 | 27 | | 724 | 0 | 13 | 18 |
| 3052 | | | | | | | | | | | | | |
| Some variation | in size of p | lants/curds. | Tall frame. | Slightly cri | inkled leaf | type. Rings | spot on out | er leaves. Pa | ler inner lea | af. Some g | ood Facepa | ck material | |
| | | | | | | | | | | | | | |
| Tozer | 230 | 24.5 | 27.50 | 3.6 | 10 | 38 | 18 | 44 | | 402 | 0 | 94 | 0 |
| 3059 | | | | | | | | | | | | | |
| Very leggy plan | ts. Very sn | nall curds. (| Open habit. | Tendency | to turn off v | vhite. Som | e multihead | ded plants. A | few good F | acepack c | urds. | | |
| | | | | | | | | | | | | | |
| Syngenta | 231 | 22.4 | 29.4 | 2.5 | 11 | 18 | 36 | 46 | | 191 | 0 | 191 | 0 |
| Mayfair | | | | | | | | | | | | | |
| Squat frame. Pa | ale green le | af. Uniform. | Some mul | itheaded pla | ants. Oper | frame. Hig | gh % turneo | d off white. Hi | gh % of sm | nall curds. | | | |
| | | | | | | | | | | | | | |
| Tozer | 232 | 27.5 | 30.5 | 3.6 | 7 | 60 | 25 | 15 | | 644 | 0 | 134 | 0 |
| 3069 | | | | | | | | | | | | | |
| Pale green leaf. | Slightly sp | reading hat | bit. Squat fr | ame. Slight | ly open ha | bit. Will tur | rn off white | if not cut eve | ry 3 days. | Some goo | d Facepack | material. | |
| | | | | | | | | | | | | | |
| Tozer | 233 | 16.5 | 20.5 | 27.5 | 11 | 34 | 29 | 37 | | 366 | 0 | 157 | 0 |
| 3071 | | | | | | | | | | | | | |
| Spreading habit | . Slightly c | rinkled leave | es around c | urds. Mediu | um height. | Some sma | all plants/cu | urds. Tenden | cy to becor | ne loose ar | nd turn off w | hite. | |
| | | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | |
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