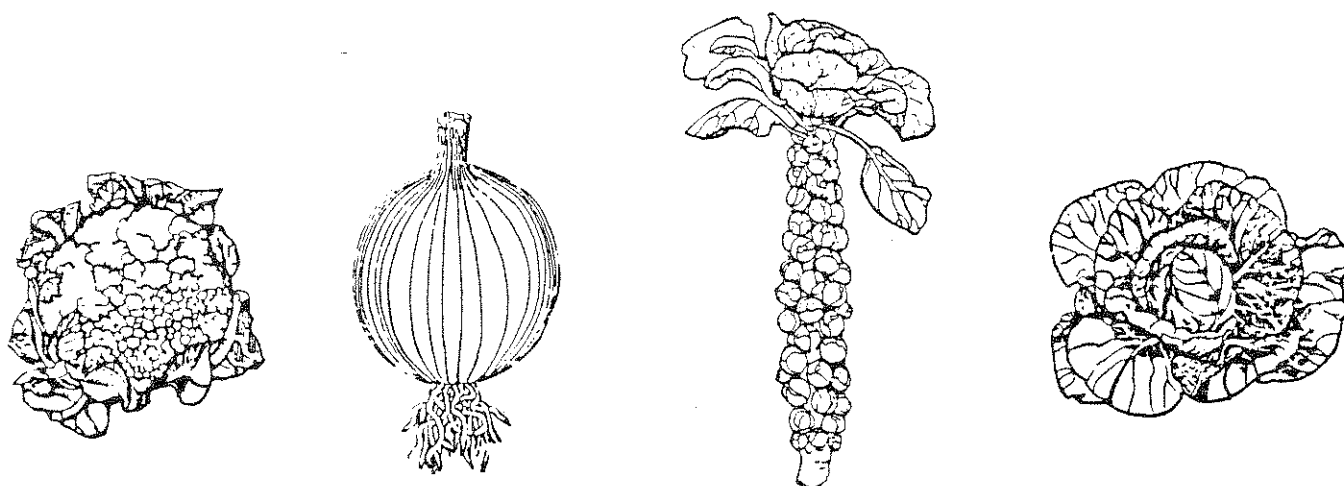




**VEGETABLE VARIETY TRIAL  
SUMMARY RESULTS  
FOR HDC  
1992**



HDC Project No:	FV 47
Project title:	Vegetable Variety Testing
Project leaders:	S.Kerr, M.Day
Project co-ordinators:	P.Shepherd, J.Sephton

NIAB Vegetable Variety Trials  
 Summary of 1992 results  
 (fuller details available from NIAB)

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Key to abbreviations:

C	=	Control
R	=	Retest
4	=	Variety in year 4
3	=	Variety in year 3
2	=	Variety in year 2
1	=	Variety in year 1
O.C.	=	Out Centre

## BEETROOT

Varieties	Source	Cambridge O.C. (Ely)
Boltardy	BSL/SEG	C
Monopoly	BSL/SEG	C
SG 5002	BSL/SEG	2
Pablo	BJO	3
Action	BJO	2
Bonel	NIZ	3
Wodan	BJO	1

### Results

**BOLTARDY.** Open pollinated. Average yields in the 25-60mm size range. Rather flat shaped roots with pale to mid red internal colour and some internal white rings. Large crown.

**MONOPOLY.** Open pollinated. Monogerm. High yields in the 25-60mm size range. Roots are flat and rather mixed for size and shape. Pale red internal colour with pronounced white rings.

**SG 5002.** Open pollinated. Monogerm. Average yields in the 25-60mm size range. Flat shaped roots of good uniformity. Mid red internal colour with some internal white rings.

**PABLO.** F1 hybrid. Above average yields in the 25-60mm size range. Flat to round shaped roots of good uniformity. Dark red internal colour and free from internal white rings. Small crown.

**ACTION.** F1 hybrid. Average yields in the 25-60mm size range. Round roots with dark red internal colour and free from internal white rings.

**BONEL.** Open pollinated. Low yields in the 25-60mm size range. Flat shaped roots with mid to dark red internal colour and free from internal white rings. High % of small roots.

**WODAN.** F1 hybrid. High yields in the 25-60mm size range. Flat to round shaped, smooth roots with mid to dark red internal colour and some internal white rings. Small crown.

## BRUSSELS SPROUTS

### Single Harvest

		Source	HRI-Kirton	Lancs O.C. (Hesketh Bank)
Early	Oliver	BSL/SEG	C	C
	Adeline	HOW/HUI	R	R
	Adri (7159)	NUN	3	3
	Prevalent	NIZ	1	1
	(Diablo) BJ 1468	ELS/BJO	1	1
Midseason	Rampart	RSL	C	C
	Ajax	BSL/SEG	2	2
	Patent	NIZ	2	2
	Philemon	BSL/SEG	2	2
	Topline	HOW/HUI	2	2
	(Claudette) PSR 389	PET	3	3
	(Collette) PSR 689	PET	2	2
	9202	NUN	1	1
	Corinth (2014)	BSL/SEG	1	1
Late	Edmund	BSL/SEG	C	C
	PSR 889	PET	2	2
	PSR 989	PET	3	3
	Tavernos (2015)	BSL/SEG	1	1
	Ariston (SG 2016)	BSL/SEG	1	1
	Billion	RSL	1	1

### Results

#### EARLY VARIETIES

OLIVER was the earliest variety, the sprouts were rather oval and quite large in size. PRELENT and DIABLO were 2 to 4 weeks later than OLIVER. PRELENT had medium to dark green buttons round to slightly oval, (but less oval than ADELIN) and smoother than OTTOLINE. DIABLO had round, medium green sprouts. Sprout size was quite small and smaller than ICARUS.

#### MIDSEASON VARIETIES

PATENT had small sprouts with very good quality. It was similar in maturity to CONTENT, the plants were rather hard to deleaf and the buttons hard to pick.

PHILEMON, CORINTH AND AJAX were late midseason. PHILEMON and AJAX had medium to tall plant height while CORINTH was tall. All three showed good lodging resistance and good plant characters. PHILEMON and AJAX showed particularly good sprout colour.

COLLETTE seemed a LUNET alternative. It lodged (as did LUNET) and the sprouts were at a moderate angle to the stem.

### LATE VARIETIES

ARISTON seems a promising late variety with better taste than STEPHEN. The plants of ARISTON resisted lodging and the medium green sprouts showed good shape and were at a good angle to the stem.

PSR 889 held well at the end of the season. It was tall and tended to lodge but other plant characters were good with a good yield of medium green, small, round sprouts.

## CABBAGE

Spring (sown 1991)

Varieties	Source	Lincs. O.C. (Kirton Marsh)	Kent O.C. (Gravesend)
Offenham 3 - Wintergreen	NIZ	C	C
Greensleeves	TOZ	R	R
Offenham 3 - Fowlers Early Spring	FOW	R	R
Duncan	BJO	C	C
Sparkel	ELS	1	1
Offenham 1 - Hardy Offenham	TOZ	R	R
Offenham 1 - Myatts Offenham Compacta	TOZ	R	R

### Results

The first harvest of the earlier bulking varieties was taken on the 1st week of April SPARKEL provided better basal quality, colour and uniformity than EARLY SPRING, GREENSLEEVES AND WINTER GREEN.

DUNCAN, HARDY OFFENHAM and MYATTS OFFENHAM COMPACTA were taken three days later, they were all more compact (shorter) than SPARKEL.

At the second harvest good basal quality was maintained in SPARKEL, DUNCAN, HARDY, OFFENHAM and MYATTS.

SPARKEL was very slow to heart up, providing a good harvest window for a greens variety, the hearts themselves were too large and loose. DUNCAN, HARDY OFFENHAM and MYATTS were all preferred for hearting.

## SUMMER

Varieties	Source	Cambridge	Lincs O.C. Butterwick
Stonehead	SAK	C	C
Golden Cross	TAK	C	C
Castello	NIZ	C	C
Speedon (88-706)	NIZ	4	4
Dumas (RS 85216)	RSL	3	3
Patron (88-708)	NIZ	2	2
Flag (CL 701)	CLA	2	2
Nordri	RSL	4	4
Luna	SAK	3	3
Hermes	RSL	R	R

### Results (In maturity order)

**DUMAS** was the earliest variety maturing 3 days before **GOLDEN CROSS** at both sites. Heads were small, light, dense and round. In Lincolnshire some heads were too small. Colour was slightly pale. Very short standing ability.

**GOLDEN CROSS**. Very early maturity. Heads were light, uniform and round. Like **DUMAS** some heads were too small in Lincolnshire.

**SPEEDON**. Similar maturity and performance to **GOLDEN CROSS**, but heads rather more oval in shape.

**HERMES**. Early maturity. High percentage marketable. Short internal stalk. Fairly light heads. Not so dense as other earlyies.

**NORDRI**. Early maturity. High percentage marketable. Short internal stalk. Round to flat round heads.

**PATRON**. Early midseason maturity. Attractive darker green colour. Percentage marketable decreased by some small or immature plants.

**FLAG**. Early midseason maturity. Small oval to round heads. Some too small in Lincs. Dense with short internal stalk.

**LUNA**. Midseason maturity. Large, heavy, round heads with good uniformity. High percentage marketable. Looser than average.

**STONEHEAD**. Late midseason maturity. Heavier than average heads. Good density.

**CASTELLO**. Late maturity. Heavy, round, dense large heads. Blue green colour. Longer internal stalk than other varieties in trial.

## AUTUMN CABBAGE

Varieties	Source	Cambridge	Lincs O.C. Butterwick
Stonehead	SAK	C	C
Castello	NIZ	C	C
Rapier	NIZ	C	C
Prairie	NIZ	3	3
Vicomte	CLA	2	2
Steppe (90-976)	NIZ	1	1
Colt (SG 2810)	BSL/SEG	1	1
Enfield (SG 2811)	BSL/SEG	1	1
Winchester (SG 2812)	BSL/SEG	1	1
Cutlass	NUT	1	1
Kalif	CLA	1	1
Spartan	NUT	1	1

### Results (In maturity order)

STONEHEAD was the earliest variety to mature in about 80 days. It was uniform with a high percentage of heads marketable. Internal stalk was relatively short.

CASTELLO matured 15-20 days after STONEHEAD. Heads were round and dense.

VICOMTE had a similar maturity to CASTELLO. In Lincolnshire quality scores were similar to CASTELLO. In the Cambridge trial heads were larger and most quality scores lower than CASTELLO.

KALIF. Similar early maturity to VICOMTE. The percentage marketable was decreased by some small and immature heads. Heads were oval, loose and with long internal stalk.

PRAIRIE matured in 107 days. It produced large flat round heads with long internal stalk. Colour was good.

RAPIER matured just after PRAIRIE. Heads were dark green, round and attractive. The percentage marketable was decreased by some small and loose heads.

COLT (2810). Midseason maturity around 16 weeks from planting. High percentage marketable. Attractive savoy x white cross. Round heads with good internal quality.

WINCHESTER (2812). Similar type to COLT but slightly later maturity with higher head weights.

SPARTAN. Mid late maturity in about 150 days. Pale, round heads with poor internal quality.

ENFIELD (2811). Similar maturity to SPARTAN. Similar type to WINCHESTER but greyer and smoother. High percentage marketable. Round to oval heads. Good internal quality.

STEPPE (90-976). Late maturity. Flat round heads with purple venation. Some smaller heads. Long internal stalk.

CUTLASS. Late maturity in 167 days. Performed better with early planting in Lincs. Pale Christmas Drumhead type. Round head.



### RED CABBAGE (Autumn Sown)

Varieties	Source	Cambridge	Lincs O.C. Butterwick
Sombrero	BJO	C	C
Vorox	RSL	3	3
Rondy	NIZ	2	2

#### Results (In maturity order)

RONDY matured in 97 days similar to CASTELLO. High percentage marketable. Dense, oval heads.

SOMBRERO matured about 2 weeks after RONDY at a similar time to RAPIER. Produced the roundest heads of the red varieties. Heavy heads. High percentage marketable.

VOROX late maturity. Small, oval, dense heads. Some too small to be marketable.

### Red Cabbage (Storage)

Varieties	Source	Lincs O.C. (Leverton)	Cambridge
Autoro	BJO	C	C
Hardoro	BJO	C	C
Roxy	RSL	3	3
Rebus	BSL/SEG	2	2

#### Results

AUTORO produced large heads which were nearly all storable but weight losses in store were high.

HARDORO had more oval, less uniform heads than AUTORO and did not store well.

ROXY produced small round heads. A few were too small to store. Storage performance was good.

REBUS produced heavy, oval heads. Nearly all were storable and storage performance was good.

## WINTER WHITE CABBAGE

Varieties	Source	Lincs O.C. (Leverton)	Cambridge
Bison	NIZ	C	C
Slawdena	BJO	C	C
Scanvi	DAE	3	3
Impala	BJO	2	2
Krypton	NIZ	1	1
Hilda (C515)	SHA	1	1

### Results

BISON and SLAWDENA were the control varieties. Both produced small heads which stored well.

SLAWDENA was rather oval and susceptible to TuMV.

SCANVI had a bright green colour. Heads were medium heavy and storage moderate.

IMPALA stored well but heads were medium large. Good TuMV resistance.

KRYPTON. Similar size and field performance to Bison. Uniform, round heads. Good TuMV resistance.

HILDA (C515). Heavy, variable heads. Susceptible to disease. Did not store well.

## JANUARY KING AND WINTER HYBRID CABBAGE

Varieties	Source	Cambridge	Lincs O.C. Butterwick
Tundra	NIZ	C	C
Marabel	TOZ	C	C
Celtic	ELS	C	C
Flagship	NUT	4	4
Stilon	RSL	3	3
Savanna (90-978)	NIZ	1	1

### Results (In maturity order)

SAVANNA (90-978) a January King x white hybrid was the first variety to mature, 12-16 days before Flagship. It produced large, flat round heads with a high percentage marketable. Uniformity and density were good. Colour was not as dark as other January Kings.

FLAGSHIP, a January King hybrid matured in 145 to 155 days. It produced dark purple attractive flat round to flat heads. Internal quality was moderate. Standing ability was good.

MARABEL matured earlier than usual, at the same time as Flagship. Head shape was mainly flat round. The percentage marketable was high at Cambridge but in Lincolnshire some heads were small or immature. Standing ability was good.

CELTIC a Savoy x white hybrid had mid season maturity and round head shape. Heads were heavy with good density. Uniformity was moderate.

TUNDRA, Savoy x white hybrid. Late maturity. Some small and immature heads at both sites. Round head shape. Small heads with short internal stalk.

STILON, Savoy x white hybrid. Late maturity. Oval head shape. High percentage marketable. Internal quality moderate.

## SAVOY CABBAGE

Varieties	Source	Cambridge	Lincs O.C. Butterwick
Wirosa	BJO	C	C
Wintessa	BJO	C	C
Midvoy	NIZ	C	C
Concerto	CLA	3	3
Primavoy	NIZ	2	2
Snovoy	NIZ	1	1
Teresa	BJO	1	1
Rhapsody	CLA	1	1

**RHAPSODY.** Very early maturity. Round to oval heads. Good internal quality. Heavy heads.

**MIDVOY.** Early maturity. Heavy flat round to round heads. Excellent internal quality. Heavy heads.

**PRIMAVOY.** Early midseason maturity. Large frame. Flat round heads. High percentage marketable. Average internal quality.

**CONCERTO.** Early midseason maturity. Round to flat round heads. High percentage marketable. Only moderate internal quality.

**TERESA.** Midseason maturity. 8-10 days before Wirosa. Flat round bluish green heads. Average percentage marketable and head weights. Average internal stalk length. Density below average.

**WIROSA.** Midseason maturity. Round to flat round heads. Some small, immature and rotten heads in Lincolnshire. Uniformity and density below average.

**SNOVOY.** Late maturity. Small heads. Percentage marketable decreased by some small or immature heads. Excellent density.

**WINTESSA.** Very late maturity. Flat round, grey green heads. Some small and immature heads. Moderate density. Good standing ability.

## CALABRESE

### Summer Posy

Varieties	Source	HRI - Kirton
SG 1	BSL/SEG	C
Cruiser	RSL	C
Regilio	ENZ	3
Jewel	NIZ	2
RS 90003	RSL	1

### Results

RS 90003. Was three days earlier than SG 1 with good head weights but quite wide stems and a susceptibility to howw stem. The buds were medium size.

REGILIO. Second early in maturity, was very good. It had very even, medium sized buds, but with some bud senescence. Head depth was good.

CRUISER and JEWEL. Were midseason. CRUISER was high quality, though rather light in weight. Its bud size was large. JEWEL showed small to medium bud size, dark green colour and quite good head depth. The percentage marketable seemed slightly lower than other varieties.

## SUMMER CROWN

Varieties	Source	Lincs O.C Swineshead
Green Belt	SAK	C
Marathon	SAK	C
Samurai	SAK	3
Shogun	SAK	3
RS 90003	RSL	1

### Results

RS 90003 and SAMURAI. Failed to reach 'crown type' weights, there was also high levels of looseness in SAMURAI. Rather surprisingly SHOGUN was also below crown weights, it also had a lot of immature heads.

GREEN BELT. Five days earlier than MARATHON was good, though very susceptible to hollow stem. MARATHON with its combination of high percentage marketable, high weights and good quality, was again the best variety trialled.

## CARROTS

### Second Early Carrots (January Sown)

Varieties	Source	Cambridge O.C (Higham)	Morley O.C. (Elvedon)
Primo	NIZ/VIL	C	C
Nantucket	BJO	C	C
Nanco	NIZ/VIL	C	C
Presto	NIZ/VIL	C	C
Darmor (NUN 7156)	NUN	3	3
Navarre (1291)	BJO	2	2
Anglia	BSL/SEG	1	1
Bangor	BJO	1	1
Turbo	SYM/TEZ	1	1
Gringo	SYM/TEZ	1	1
Balin (NUN 7161)	NUN	1	1
Lion	BSL/SEG	2	2

### Results

**PRIMO.** Average yields at Elvedon but below average at Brettenham due to fanging. Short uniform roots especially at Elvedon. Moderately susceptible to cavity spot. Low levels of internal greening. Artificial breakage lower than average.

**NANTUCKET.** Below average yields at both sites. Some splitting at Brettenham. Roots long at Elvedon with high levels of greening. Breakage resistance good. Moderately susceptible to cavity spot.

**NANCO.** Low yield at Brettenham due to undersized roots but high yield at Elvedon. Uniform roots. Susceptible to cavity spot. Breakage resistance average or better.

**PRESTO.** Populations too high to predict yields but recorded marketable yields low at Elvedon due to undersized roots and at Brettenham due to cavity spot where 35% root had 2 lesions or more. Disease Index for cavity spot very high and at Brettenham due to cavity spot where 35% root had 2 lesions or more. Disease Index for cavity spot very high at 53.20. Poor uniformity. Short slender roots with low internal greening and low artificial breakage levels. Poor core colour.

**DARMOR (7156).** Average yields at both sites. Poor uniformity but smooth roots. Some splitting at Brettenham. Long roots with some internal greening. high levels of artificial breakage. Moderately good cavity spot resistance.

**NAVARRE.** Above average yields at Brettenham but low at Elvedon due to undersized roots. Smooth and uniform at Brettenham. Roots shorter and more slender than average at both sites. Good colour. Average strength. Good cavity spot resistance.

**ANGLIA.** Average yield at Elvedon. High yield from high population at Brettenham. Average or below scores for uniformity and skin texture. Roots shorter and more slender than average. Breakage around average. Moderately susceptible to cavity spot. Some bolters.

Carrots/contd.

Results

BANGOR. The highest yield at Brettenham. Low population at Elvedon producing very large roots. Skin slightly rough. Large internal core. Long, broad roots. Strong roots with good cavity spot resistance.

TURBO. Average yields. Fairly slender roots. Good colour, some internal greening. Average breakage scores. Moderate resistance to cavity spot.

GRINGO. Above average yield of slightly tapering roots. Uniform, smooth roots. Colour paler than average. Good artificial breakage resistance. Moderate resistance to cavity spot.

BALIN (7161). High yields at both sites. Smooth skin. Long, fairly broad roots. Good colour. High levels of internal greening. Susceptible to breakage especially at Elvedon. Very good resistance to cavity spot.

LION. High yields at both sites. Uniform, smooth roots. Very high levels of internal greening. Susceptible to breakage especially at Elvedon. Moderately resistant to cavity spot.



## MAINCROP

Varieties	Source	Cambridge O.C (Higham)	Lancs O.C (Southport)
Nandor	CLA	C	C
Narman	BJO	C	C
Nairobi	BJO	C	C
Narbonne	BJO	C	C
Nantes 2 - Titan	NIZ	R	R
Navarre	BJO	4	4
Flacino	RSL	4	4
Punta	SYM	4	4
Nemo	NIZ/VIL	3	3
Bolero	NIZ/VIL	3	3
Boston	BJO	3	3
Senior	CLA	3	3
Bertan	NIZ	3	3
Cordia	NIZ	3	3
Cosmos	PET	3	3
Meteor	PET	3	3
Liberno	RSL	3	3
Nabora (90-0997)	DAE	3	3
Newburg	BJO	2	2
Bergamo (90-1072)	DAE	2	2
Bangor	BJO	2	2
Anglia	BSL/SEG	2	2
Futuro (862259)	RSL	2	2
Moreno (RS 872092)	RSL	2	2
Balin (NUN 7161)	NUN	1	1
Candy	SHA	1	1
Crona	SHA	1	1
Newmarket	BJO	1	1
Nerac	BJO	1	1
Barbados (BJ 1451)	BJO	1	1
Belmont (BJ 1452)	BJO	1	1
Turbo	SYM/TEZ	1	1
Disco	SYM/TEZ	1	1

### Results

#### Preliminary (Year 1) varieties

**BALIN (NUN 7161).** Long uniform Nantes. Above average yields but susceptible to cracking. Frost damage on the sand but OK on the peat.

**CANDY.** Open pollinated Nantes. Average yields at first harvest. Below average later. Stronger than average. Short at the peat site. Susceptible to internal greening. Winter hardiness above average.

**CRONA.** Open pollinated Nantes. Average yields at first harvest. Rather brittle. Susceptible to internal greening. Winter hardiness poor at the peat site.

**NEWMARKET.** On sand good quality. Average yields. Stronger than average. On peat high yields and stronger than average.

Maincrop/contd.

### Results

#### Preliminary (Year 1) varieties

NERAC. Good yields and quality. Very strong roots. Good winter hardiness.

BARBADOS (1451) & BELMONT (1452). Both with tapered roots with strong healthy top. BELMONT generally longer and higher yielding with better resistance to breakage. Both with good colour. BELMONT good winter hardiness on sand.

TURBO. Long smooth roots. Too long on sand. Yields below average. Susceptible to breakage.

DISCO. Broad roots. High yields. Susceptible to breakage. Good winter hardiness especially on the peat site.

#### Main trial

Full details of all 24 varieties are available from NIAB. NARMAN, NAIROBI, NARBONNE, NAVARRE, FLACINO, BOLERO, SENIOR, BANGOR, FUTURO and MORENO all performed well.

## CAULIFLOWER

### Spring Heading (Sown 1991)

WW = Walcheren Winter

Varieties	Source	Lincs O.C (Kirton Marsh)	Cambridge
WW-Armado April	RSL	C	C
Armetta	RSL	C	C
Ararat (85001)	RSL	2	2
Amarok (83176)	RSL	1	1
Inca	BJO	R	R
WW-Armado Tardo	RSL	C	C
WW-Maystar	BSL/SEG	C	C
Coral Sea	NUT	3	3
Vilna	TVS	R	R
Vision	ELS	R	R
WW-New Late Dutch	NUT	R	R

### Results

Late planting and a dry Autumn meant that only the really vigorous varieties like MAYSTAR made an acceptable frame.

AMAROK. Three days later than ARMADO APRIL and ARMETTA, five days later than ARMADO APRIL, gave good quality with short lengths of cut. ARARAT with high levels of yellowing and INCA with poor curd depth were less satisfactory.

ARMADO TARDO. Was similar in maturity to MAYSTAR but produced more small curds and a lower percentage marketable.

CORAL SEA and NEW LATE DUTCH were five days after MAYSTAR. CORAL SEA was rather yellow while NEW LATE DUTCH gave good quality.

With a warm May the trial ended early, both VISION and VILNA were very poor quality.

## EARLY SUMMER HEADING (Sown 1991)

Varieties	Source	Lincs O.C (Fishtoft)	Lancs O.C
Perfection	DAE	C	C
Alpha-Jubro	NIZ	C	C
White Summer	BSL/SEG	C	C
Plana	RSL	C	C
Lintop	BSL/SEG	3	3
Predil	RSL	3	3
Fargo	BJO	2	2
Fremont	RSL	2	2
Horseman (1376)	BJO	2	2
Linford	BSL/SEG	2	2
Nautilus	CLA	1	1
SG 4032	BSL/SEG	1	1

### Results

#### Lincolnshire

PERFECTION. Was the earliest variety by three days. Quality was low with poor curd protection and a high level of yellowing.

LINTOP. Had substantially better quality than A-JUBRO with better curd colour. Some internal pinks were noted at the base of the curd in LINTOP.

SG 4032. Was seriously pink.

FREMONT, NAUTILUS, PLANA, LINFORD and FARGO all had good quality and late/midseason maturity. There was some pinks on the curd surface of LINTOP and occasional pinks in the curd base.

PLANA and FARGO. Had rather prostrate basal lead habits. FREMONT and NAUTILUS had good field characters and good curd presentation for face-packs.

WHITE SUMMER. Was late maturing but it tended to lack the necessary curd protection and was seriously yellow.

PREDIL. Was also late maturing, the quality was very good with attractive looking curds.

HORSEMAN. Was very late. It seems unlikely to replace the commercial variety REVITO for March planting because of the level of blindness and a susceptibility to leaf scorch.

#### Lancashire

LINTOP. Was as early as PERFECTION with better quality (less yellowing and less green bracts). There was some pinking in both varieties.

A-JUBRO. Was second early. It had a lot of yellowing, white bracts and riciness; it's overall quality was consequently low.

SG 4032 was seriously pink.

Early Summer Heading (Sown 1991)/contd.

### Results

#### Lancashire

FREMONT, LINFORD and NAUTILUS all had similar (late/midseason) maturity to PLANA. LINFORD showed only a low level of yellowing and provided the best overall quality.

FARGO. Cut at a similar time to WHITE ROCK, the quality of FARGO was good with just an average level of yellowing. WHITE SUMMER was seriously yellow with moderate head depth.

PREDIL. Was late maturing and HORSEMAN very late maturing. The quality of both was good. The depth of HORSEMAN was particularly good.

## LATE SUMMER HEADING

Varieties	Source	Lincs O.C (Fishtoft)	Lancs O.C (Banks)
Plana	RSL	C	C
White Rock	BSL/SEG	C	C
Aviso	CLA	3	3
Fremont	RSL	3	3
Nautilus	CLA	3	3
Predil	RSL	3	3
Fargo	BJO	2	2
Lindurain (4019)	BSL/SEG	2	2
Sierra	RSL	3	3
Beauty	RSL	1	1
RS 86356	RSL	1	1
Commander (SG 4055)	BSL/SEG	1	1

### Results

#### Lincolnshire

The early maturing hybrids (69-71 days from planting) were, FREMONT, NAUTILUS, BEAUTY and PLANA. They all had good fresh market quality. FREMONT had the best curd presentation, NAUTILUS looked slightly narrow leaved and "ribby", while BEAUTY was slightly splayed. The heads of PLANA seemed too extended in the base and the leaves were splayed out.

AVISÓ, LINDURAIN and FARGO were second early hybrids. AVISO lacked uniformity with average quality, while FARGO suffered from riciness. LINDURAIN provided good fresh market and face pack quality in this period.

PREDIL. (Second early), SIERRA (early midseason) and WHITE ROCK (late) were the three O.P's in the trial. All three had satisfactory quality.

Two late hybrids were trialled, RS 86356 and COMMANDER. RS 86356 showed some immature and loose heads, these reduced the overall quality. COMMANDER had very good fresh market quality. Both varieties had quite good curd presentation.

#### Lancashire

A very dry season resulted in generally low quality with high levels of yellowing. Some varieties which are normally pink tolerant (NAUTILUS and COMMANDER) also showed higher than usual levels.

The four early hybrids were AVISO, FREMONT, BEAUTY and PLANA. AVISO tended to lack uniformity with some small heads. FARGO produced the better quality in this group, it showed very good tolerance to leaf scorch. BEAUTY produced a slightly bigger frame than the others with slightly more yellowing but fewer loose curds.

Late Summer Heading/contd.

Results

Lancashire

FREMONT, LINDURAIN and NAUTILUS all matured in 84 days from planting. FREMONT and NAUTILUS had similar overall quality. They looked the most promising of all the early and second early hybrids. FREMONT showed a high level of leaf scorch but this did not extend onto the trimmed head. NAUTILUS had less scorch than FREMONT but more pinks and more loose with a slightly granular looking curd. LINDURAIN had a surprisingly high number of loose curds and small heads.

SIERRA and PREDIL suffered in the drought. SIERRA was rather yellow and PREDIL rather loose.

COMMANDER, RS 86356, and WHITE ROCK were late maturing. The overall quality of all three was better than the trial mean.

## LATE AUTUMN HEADING

Varieties	Source	Lincs O.C (Kirton Holme)	Lancs O.C Hesketh Bank
Plana	RSL	C	C
White Rock	BSL/SEG	C	C
Lindon	BSL/SEG	C	C
Aviso	CLA	3	3
Fremont	RSL	3	3
Nautilus	CLA	3	3
Predil	RSL	3	3
Sierra	RSL	3	3
Fargo	BJO	2	2
Gala	RZA	2	2
Beauty	RSL	1	1
RS 86356	RSL	1	1
Commander (SG 4055)	BSL/SEG	1	1
Belot	BJO	1	1
Ardego (E 3002)	ENZ	1	1

### Results

#### Lincolnshire

The first part of the trial provided some good quality but consequent on a slightly later than usual planting and a cold Autumn some of the later varieties gave varying results.

FREMONT, NAUTILUS, and BEAUTY were very good with fresh market and face pack quality. The leaves of BEAUTY and FREMONT remained healthy, those of NAUTILUS suffered from mildew though this was all removed on trimming and did not extend to the leaf bases.

AVISO, ARDEGO and PLANA lacked uniformity. AVISO and ARDEGO suffered from excess small heads, while PLANA seemed a bit loose and yellow. FARGO was vigorous and uniform with very little leaf mildew but scorch extended onto the trimmed product and discoloured the curd.

WHITE ROCK (midseason) and GALA (late) were the better O.P's with average quality. There was a lot of looseness in WHITE ROCK and GALA lacked uniformity of type with too many small late maturing heads and a general lack of stem height.

PREDIL and SIERRA both suffered from looseness.

the two new midseason to late hybrids - RS 86356 and COMMANDER looked very promising with face pack quality. RS 86356 showed very little scorch but suffered from smaller later maturing heads which increased the length of cut, while COMMANDER showed a slight scorch, yet much less than LINDON and slight White Blister.

The quality of LINDON was much lower than usual because of leaf scorch and serious decay of the leaf bases surrounding the curd.

Very late cutting but with good curd size and only slight leaf mildew and slight leaf scorch the new variety BELOT looked very promising for November harvests.

#### Lancashire

The dry late summer and autumn had a significant effect in this trial with high levels of yellowing reducing the quality of many varieties.

Considering the early and second early hybrids - NAUTILUS, AVISO, BEAUTY and FARGO were the better varieties. FREMONT was very yellow while ARDEGO and PLANA were loose and yellow.

RS 86356, COMMANDER and SERGEANT showed up well in the midseason while LINDON (late) and BELOT (very late) were particularly good, though some immature reduced the percentage marketable in BELOT.

The two green curded varieties - LIMELIGHT (smooth) and MINARET (Romanesco) had good performances, though LIMELIGHT lacked head depth.

All the O.P's had below average quality. The principal defects were - GALA (pink), PREDIL (yellow), SIERRA (ricey), WHITE ROCK (loose) and BATSMAN (loose).



### LATE AUTUMN HEADING (Thanet)

Varieties	Source	Kent O.C. (Birchington)
Stella	CLA	C
Castlegrant	SYM	C
Dova	RSL	C
Pamir	RSL	3
Tucson	RSL	2
Belot	BJO	1
Carron (1047)	SYM	1

### Results

1992 was a slightly earlier season than normal at Thanet with generally higher than expected levels of leaf scorch.

STELLA was early maturing with average quality. There was a little more scorch than usual and a slightly extended length of cut.

LINEX and SERGEANT were raised in modules. They were early midseason with very good quality for traditional fresh market or face packs. LINEX had a larger frame than SERGEANT and the potential for larger curd size.

CARRON was also midseason with average quality. It had some hollow curds and seemed rather susceptible to leaf scorch.

CASTLEGRANT was midseason. It was susceptible to leaf mildew and also showed more leaf scorch than expected.

Midseason in maturity, TUCSON was downgraded through some very fine white bracts, particularly in the first half of its cut.

DOVA was late midseason. The quality was good with plenty of leaf around the base of the curd.

PAMIR and BELOT were late (cutting at a similar time to Arbon), with satisfactory quality for the time of year. Pamir produced smooth and dense curds but with some curd yellowing and losses through frost. The trial plots of BELOT showed very few small heads. The curds were deep and smooth with a slight incidence of leaf scorch.

## LATE PLANTED AUTUMN HEADING

Varieties	Source	Lincs O.C. (Kirton Holme)
Plana	RSL	C
Lindon	BSL/SEG	C
Batsman	BJO	3
Sergeant	BSL/SEG	3
Castlegrant	SYM	2
Beauty	RSL	1
RS 86356	RSL	1
Carron (1047)	SYM	1
Fremont	RSL	1
Tico (E048)	ENZ	1
Ardego (E3002)	ENZ	1

### Results

Low overall quality in most varieties, was a feature of this trial in the cold and very wet October and November. The varieties which gave the better results were either very vigorous early maturing Flora Blanca hybrids or late Australian ones.

ARDEGO and PLANA were the successful varieties in the first category. FREMONT lacked the vigour and curd protection for the conditions, while BEAUTY produced a reasonable frame but still suffered from yellowing.

RS 86356 and TICO were late midseason, with average quality.

GALA (late midseason), LINDON and SERGEANT (both late) and BATSMAN (very late) were all totally unsuited by the season.

LINEX was the best of the late Flora Blanca hybrids. The frame was a bit small but both this and curd protection were better than SERGEANT and LINEX merits further trialling for late plantings in more equable years.

CARRON a new hybrid best described as a smoother more regular curded CASTLEGRANT type with a useful weeks earlier maturity than CASTLEGRANT, better leaf mildew tolerance but slightly less lamina width and CASTLEGRANT itself gave the best overall quality late in the season.

## CELERY

**LSB = Lathom self blanching**

Varieties	Source	Cambridge O.C. (Ely)	Lancs O.C. (Halsall)
Celebrity	NIZ	C	C
Autumn Gold	NUT	R	R
Golden Fleece	NIZ	R	R
Greensleeves	NIZ	R	R
Harvest Moon	NUT	R	R
Hopkins Fenlander	TOZ	R	R
Ivory Tower	TOZ	R	R
LSB-Galaxy	TOZ	R	R
LSB-Loret	RSL	R	R
LSB-Selfira	BJO	R	R
Moonbeam	TOZ	R	R
Multipak	NIZ	R	R
Tall Utah	TOZ	C	C
Tall Utah-Triumph	BJO	R	R
Tall Utah-Claret	RSL	R	R
8848	TOZ	3	3
Greenlet (RS 664B)	RSL	3	3
Tendercrisp	NIZ/FMO	1	1

### Results

#### Newer Varieties

8848 (now VICTORIA). Hybrid. Quick maturing green variety. High early yields of long, mid green, smooth petioles. Vigorous and quickly becomes overmature.

GREENLET Tall green type. Long, mid green, smooth fleshy petioles. Attractive erect habit. Free of string at early harvests.

TENDERCROP Tall green type. Long, smooth petioles. Attractive, erect growth habit.

## LEEKS

Varieties	Source	Cambridge (transplanted)	Lines (Direct Drilled)
Autumn Mammoth-Wintra	RZA	C	C
Autumn Mammoth 2-Argenta	RSL	R	R
Pancho	NIZ	R	R
Swiss Giant-Prelina	BSL/SEG	R	R
Autumn Mammoth-Rami	NUN	R	R
Blauwgroene Herfst-Cortina	BSL/SEG	R	R
Blauwgroene Herfst-Berdina	BSL/SEG	3	3
Tadorna	ENZ	3	3
Poribleu	NIZ	3	3
NUN 9005	NUN	2	2
Blauwgroene Herfst-Romil	NUN	2	2
Toledo (8832)	TOZ	2	2
90-0255	DAE	2	2
Blauwgroene Herfst-Lancelot	BJO	2	2
Marina	BSL/SEG	1	1
Porvana (33-19)	NIZ	1	1
Poristo (33-24)	NIZ	1	1
Pandora (BJ 1417)	BJO	1	1
Bandit (BJ 1418)	BJO	1	1
90-0251	DAE	1	1
Prenora (90-0252)	DAE	1	1
Conora (90-0275)	DAE	1	1
Winora (90-0292)	DAE	1	1
Ardea	ENZ	1	1
Sterna	ENZ	1	1
Casarca	ENZ	1	1

### Results

#### Main Trial

AM-WINTRA (WINTERREUZEN). Control variety. Suitable for January to March production. Above average yields of medium length, almost bulb free leeks with mid green, intermediate foliage.

AM-ARGENTA. Suitable for September to May production, but ARGENTA can suffer significant losses from rotting and bolting after Christmas in some years. Above average yields of medium length, broad, almost bulb free leeks with pale to mid green, spreading foliage. Below average rust resistance.

PANCHO. Suitable for September to December production. High early yields of long, almost bulb free leeks with pale to mid green, very erect foliage.

SG-PRELINA. Suitable for August to October production from unprotected sowings or from mid July under polythene. Good early yields of long, almost bulb free leeks with pale green, very erect foliage.

AM-RAMI. Suitable for September to December production, although RAMI has held well throughout the past four winters and has consistently been one of the highest yielding varieties at the May harvest. Good yields of medium length, almost bulb free leeks with mid green very erect foliage. Excellent uniformity.

BH-CORTINA. Suitable for January to March harvesting. Average yields of short to medium length, bulbier than average leeks with mid to dark green, very erect foliage. Above average uniformity this year.

BH-BERDINA. Suitable for January to March harvesting. Average yields of short to medium length, moderately bulby leeks with mid to dark green, erect foliage. Slightly longer and more bulb free than CORTINA but this year not so uniform.

TADORNA. Suitable for January to May production. Below average yields of short to medium length, bulbier than average leeks with mid to dark green, erect foliage. Below average uniformity. Above average levels of Rust at the Cambridge site this year.

PORIBLEU. Suitable for November to March production. Average yields of medium length, bulbier than average leeks with mid to dark green, erect foliage.

NUN 9005. Suitable for January to May production. Below average yields of short, bulby leeks with dark green, intermediate foliage. Above average levels of Rust at the Cambridge site this year.

BH-ROMIL. Suitable for harvesting from December to March. Average yields of medium length, slender, moderately bulby leeks with dark green, erect foliage. Good uniformity.

TOLEDO (8832). Suitable for harvesting from January to May. Above average yields of medium length, broad, bulbier than average leeks with mid green erect foliage. Above average uniformity. Fairly free from Rust. Shows promise because of its relatively long shank for a late variety.

90-0255. Suitable for September to November harvesting. Above average yields of long, almost bulb free leeks with pale green, very erect foliage. Below average uniformity and rather prone to Rust.

BH-LANCELOT. Suitable for September to December harvesting. High early yields of long, moderately bulby leeks with mid to dark green, very erect foliage. Good uniformity and reasonably free from Rust this year.

#### First Year Varieties

SG-MARINA. Suitable for September to November production. Very high early yields of long, broad, almost bulb free leeks with mid green, erect foliage. Above average uniformity. Promising new variety.

PORVANA (33-19). Suitable for September to November production. Average yields of long, slender, moderately bulby leeks with pale to mid green, very erect foliage. Below average uniformity.

PORISTO (33-24). Suitable for harvesting from October onwards. Average yields of medium length, bulbier than average leeks with mid to dark green, very erect foliage. Above average uniformity.

PANDORA (BJ 1417). A Blue Green Herfst variety. Suitable for September to December harvesting. Above average yields from the first two harvests of medium to long, almost bulb free leeks with mid to dark, erect foliage. Excellent uniformity, reasonably free from Rust. Promising new variety.

BANDIT (BJ 1418). Suitable for late production. Dark green, erect foliage. Fairly free from Rust and has reasonably good uniformity.

90-0251. Suitable for September to December production. Good early yields of long, almost bulb free leeks with mid green, very erect foliage. Promising new early variety.

PRENORA. Suitable for September to November production. Average yields of medium length, moderately bulby leeks with mid green, erect foliage.

CONORA (90-0275). Suitable for harvesting from November onwards. Below average yields from the December harvests of short to medium length, moderately bulby leeks with mid to dark green, very erect, rather fine foliage.

WINORA (90-0292). Suitable for late production. Mid to dark green very erect, fine foliage. Below average uniformity. Above average levels of Rust at the Cambridge site this year.

BH-ARDEA. Suited to late harvesting. Medium length, slender, moderately bulby leeks with mid to dark green, erect foliage. Reasonably free from Rust.

BH-STERNA. Suitable for September to December production. Average yields of medium length, moderately bulby leeks with mid to dark green, erect foliage. Below average uniformity.

CASARCA. Suitable for late production. Mid to dark green spreading foliage.

## OUTDOOR LETTUCE

### Crisphead

Varieties	Source	Sowings	Kent O.C (Swanley)	Lancs O.C
Saladin	TOZ	1-3	C	C
Amulet	ENZ	1-3	3	3
Baltic	RSL	1-3	R	R
Saladin-Zodiac	ENZ	1-3	R	R
Telda	RSL	1-3	R	R
7051	NUN	1-3	2	2
Challenge (L0751)	BSL/SEG	1-3	1	1

### Results

**SALADIN.** Standard Iceberg variety from late June to early October. Large, heavy heads with moderate density. Rather puffy in cool wet weather.

**AMULET.** Similar type and colour to Saladin. Slightly higher percentage class I heads.

**BALTIC.** Smaller and matures quicker than Saladin. Dense heads.

**SALADIN-ZODIAC.** Performance similar to Saladin but slightly larger.

**TELDA.** Smaller than Saladin and slightly quicker denser.

**7051.** Large frame. Mid green. Good shape.

**CHALLENGE (L0751).** Heads slightly smaller and paler than Saladin. Good shape. Less dense than control but short stalk. Good grade out and uniformity. Claimed R16 resistance to Bremia.

## BULB ONIONS

### Spring Sown

Varieties	Source	Cambridge O.C (Nayland)	Kirton O.C (Surfleet)
Caribo	BSL/SEG	C	C
Hysam	BJO	C	C
Goldito	RSL	C	C
Targa	NIZ	C	C
Dinaro	RSL	R	R
Durco	BSL/SEG	3	3
Sherpa (VDH 90-020)	VDH	2	2
Brenda (VDH 90-030)	VDH	2	2
Hamlet	NUT/HRI	3	3
Legio	NIZ	1	1
VDH 90-035	VDH	1	1
Django	VDH	1	1
8911	TAK	1	1
TZ 8832	TOZ/HRI	1	1
TZ 8825	TOZ/HRI	1	1
Aldato	RSL	1	
Romito	RSL	1	

### Results

#### COMMENTS ON NEW VARIETIES

**DJANGO.** Earliest maturing variety at both the trial sites. Good yields for its maturity of dark straw coloured, globe to slightly elongated bulbs. Skin protection is below average as the skins tend to be rather thin and prone to splitting. Poor storage potential.

**VDH 90-035.** Early maincrop maturity. Below average yields of mid to dark straw coloured, globe shaped bulbs. Good skin protection. Above average uniformity. Below average storage potential.

**ALDATO.** Early maincrop maturity. Low yields of mid straw coloured, globe shaped bulbs with average skin protection but below average uniformity. Below average storage potential.

**ROMITO.** Maincrop maturity. Below average yields of pale to mid straw coloured, globe shaped bulbs with average skin protection. Below average uniformity. Average storage potential.

**8911.** Maincrop maturity. Below average yields at both sites of dark straw coloured, globe shaped bulbs. Below average bulb firmness, skin protection and uniformity. Poor storage potential.

**TZ 8825.** Maincrop maturity, 3 days later than CARIBO. Above average yields of mid to dark straw coloured, globe shaped, thick skinned bulbs. Above average storage potential. Promising new variety.

**TZ 8832.** Maincrop maturity. Above average yields of pale to mid straw coloured globe shaped bulbs of below average firmness. Below average storage potential.

**LEGIO.** Late maincrop maturity. Average yields to firm, pale to mid straw coloured, flat to globe shaped bulbs. Average skin protection. Above average storage potential.

### Main trial

Full comments on all varieties are available from NIAB.

## Set Onions

Varieties	Source	Lincs O.C (Kirton)	Cambridge
Sturon	BSL/SEG	2	
Turbo	BSL/SEG	2	
Centurion	BJO	2	
Jet Set	BJO	2	
Novabo	VDH	2	
Jagro	BJO	1	
Hygro	BJO		1
Caribo	RSL		1
Hyper	BJO		1

### Results

JAGRO F1 hybrid. Early maturity. Low yields of mid to dark straw coloured, flat to globe shaped bulbs. Poor storage potential.

JET SET F1 hybrid. Early maturity. Low yields of mid straw coloured, thick skinned, flat to globe shaped bulbs. Above average potential.

CENTURION F1 hybrid. Average yields of thick skinned, mid to dark straw coloured bulbs. Below average storage potential.

STURON. Open pollinated. Average yields of pale to mid straw coloured, rather flat shaped bulbs. Slightly above average storage potential.

NOVABO. Open pollinated. High yields of mid straw coloured, flat to globe shaped bulbs. Average storage potential.

TURBO. Open pollinated. Late maturity. Average yields of flat to globe shaped bulbs. Good storage potential.

CARIBO. F1 hybrid. Matured 8 days after Turbo. (19 July). High yield of globe shaped firm bulbs.

HYPER. F1 hybrid 1 day after Caribo. High yield of globe shaped rather thin skinned bulbs.

HYGRO. F1 hybrid. Fallover on 2 August. Lower yielding than Caribo or Hyper but quality good.



## SALAD ONIONS

Varieties	Source	Cambridge
White Lisbon	NIZ	C
Winter Over	NIZ	C
Guardzman	TOZ	R
Yoshima	SYM	R
Savel	NIZ	3
Hikari Bunching	SYM	R
Ishiko Straight Leaf	SYM	R
Celtic (SG 1008)	BSL/SEG	2
Emerald Isle	ASG	1

### Results

#### WHITE LISBON. (*Allium cepa*)

Standard salad onion variety. Above average yielding at all three harvests. Moderately bulby onions with mid to dark green foliage. Moderate winter hardiness.

#### WINTER OVER (*Allium cepa*)

High yielding at the spring sowing but only average yielding in the early summer and overwintered trials. Rather bulby onions with very dark green foliage. Susceptible to *Botrytis* infection particularly from the spring and summer sowings. Above average winter hardiness.

#### YOSHIMA & HIKARI BUNCHING (*Allium fistulosum*)

HIKARI was average yielding and YOSHIMA slightly below average yielding for *A. fistulosum* types. Pale to mid green foliage. Although fairly bulb free HIKARI and YOSHIMA were slightly bulbier than other *A. fistulosum* types.

#### ISKIKO STRAIGHT LEAF (*Allium fistulosum*)

Moderate to high yielding for an *A. fistulosum* types especially from an early summer sowings. Very bulb free onions with pale green foliage. Good *Botrytis* resistance. Easy to skin.

#### CELTIC & EMERALD ISLE (*Allium fistulosum*)

High yielding for a *A. fistulosum* type. Very bulb free onions with pale green foliage, although CELTIC had slightly darker foliage than other *A. fistulosum* types. Easy to skin. Above average *Botrytis* resistance.

#### GUARDSMAN (*Allium cepa x fistulosum* Hybrid)

High yielding from the early summer sowing and exceptionally high yielding from the spring and overwintered sowings. Moderately bulby onions with mid green foliage. Good *Botrytis* resistance and winter hardiness.

## PARSNIPS

Varieties	Source	Cambridge O.C (Brandon)
White Gem	SHA	C
Gladiator	TOZ	C
Model	HMI	C
Arrow	ELS	R
Lancer	TOZ	R
Bayonetta	NUT	R
Javelin	TOZ	4
New White Skin	ELS	4
Cobham Improved Marrow	TOZ	4
Improved Marrow	NIZ	R
Alba	TOZ	R
Imperial Crown	NUT	R
Yatesnip	SYM	R

### Results

WHITE GEM. Produced high yields of large ware wedge and bulbous shaped roots. Some roots were fanged. Population was rather low. Crowns were deep.

GLADIATOR. High yields and a very high percentage marketable. Wedge and bayonet shaped roots.

MODEL. Low yields of bayonet and wedge shaped roots. Several roots undersized or fanged.

LANCER and BAYONETTA. Average total yield but high percentage prepackable. Wedge and bayonet shaped roots.

JAVELIN. High yields with a high percentage marketable. Wedge shaped roots.

NEW WHITE SKIN. High percentage marketable. Wedge and bayonet shaped roots. Shallow crown.

COBHAM IMPROVED MARROW. Similar performance to New White Skin. Skin slightly smoother and crown deeper.

IMPROVED MARROW. High prepack yield. Wedge and bayonet shaped roots. Shallow crown.

ALBA. Low total yield but high percentage prepackable. Small wedge and bayonet shaped roots with shallow crown.

IMPERIAL CROWN. High percentage marketable. Large wedge and bayonet roots. Shallow crown.

YATESNIP. High marketable yield of large wedge and bayonet shaped roots. Several undersized. Smooth roots with shallow crown.

ARROW. Was also sown but established poorly.

## SWEET CORN

### Supersweet Varieties

Varieties	Source	Cambridge
Dynasty	BSL/ROG	C
Paris (3616)	BSL/ROG	3
Showcase	BSL/ROG	3
Suzette (8787)	NUN	3
Challenger	ASG	3
NUN 9026	NUN	2
Champ	ASG	2
Conquest	TOZ	R
Sweet Treat	FMO	R
Fiesta	NIZ	R
Goldensweet	SYM	1
Signet	TOZ	1

### Results

**DYNASTY.** Standard late midseason variety. Average yields of medium length, moderately well filled cobs of above average weight with 16-18 rows of grain. Slightly below average early vigour this year, but better than the past two years. More difficult to harvest than average.

**PARIS (3616).** First early maturity, this year 2 days after CHAMP and 1 day after NUN 9026. Reasonable cob quality for its maturity with 16 rows of grain. Heavy cobs on average this year 340g each but with below average cob fill.

**SHOWCASE.** Midseason maturity, 1 week after PARIS and 2 days after CONQUEST this year. Above average yields of fairly short but very well filled, average weight cobs (294g). Very fine cob quality with an average 18 rows of grain. Above average vigour. Cobs are borne fairly high on tall plants (over 2m this year) and suffered from lodging.

**SUZETTE.** Late midseason, 1/2 days earlier than DYNASTY. Cobs similar to DYNASTY in length and row number but superior in terms of filling. The cobs tend to be rather conical, unlike DYNASTY which is more cylindrical in shape and have a higher % of twisted rows. Good early vigour even in a dry or cool year.

**CHALLENGER.** Midseason maturity, 1 day later than SHOWCASE. Medium length, moderately well filled cobs of average weight (294g). Fine cob quality with 16-18 rows of grain. Excellent early vigour.

**NUN 9026.** First early maturity, the first "supersweet" variety to be harvested being 1 day earlier than PARIS. Lower yielding than PARIS and with smaller cobs which are not as well filled. 16 rows of grain. Average cob weight 300g. Good early vigour.

**CHAMP.** Sugary enhanced variety. Early maturing 2 days before PARIS. Cobs small but well filled with 16-18 rows of grain. Average cob weight 255g.

**CONQUEST.** Early midseason, 5 days after PARIS. Well filled, medium length, light cobs with an average cob weight of 268g. Cobs were however rather coarse grained with 12-14 rows. Average early vigour. The cobs borne low on short plants. The cobs grew through the husk this year and as a result there was nearly 20% bird damage.

**FIESTA.** Late midseason maturity, 1/2 days earlier than DYNASTY. Low yield of moderately, well filled, medium to long cobs with 16 rows of grain.

**GOLDENSWEET.** Midseason, 1 day before SHOWCASE. Small, moderately well fitted, light-weight cobs (on average 232g). Some lodging. Excellent early vigour.

**SIGNET.** Establishment was very poor and because of that it is very difficult to comment either on maturity or cob quality.