

# VEGETABLE

## VARIETY TRIALS 1979

### PRELIMINARY RESULTS

CABBAGE  
CAULIFLOWER  
CHINESE CABBAGE  
EGGPLANT  
KOHLRABI  
LETTUCE  
MELON  
ONION

PICKLING CUCUMBER  
SWEET PEPPER  
RADISH  
SWEET CORN  
TOMATO  
TURNIP  
WATER MELON

Department of Vegetable Crops  
Agricultural University of Norway  
P.O.B. 22, N-1432 Ås-NLH, Norway

December 1979

Mimeograph No. 117

VEGETABLE VARIETY TRIALS

1979

Editors: Trevor Remedios and Toril Sagen

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Ås, Norway

December 1979

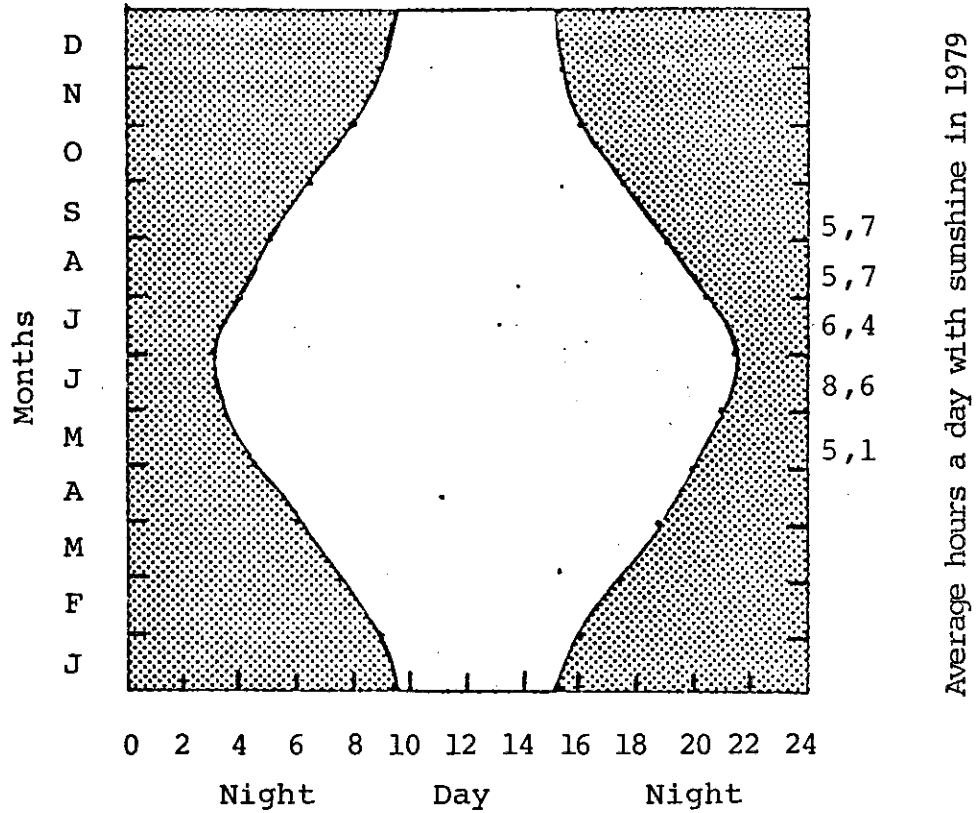
INTRODUCTION

A part of the routine work carried out at the research farm of the Department of Vegetable Crops, Agricultural University of Norway, is the testing of new varieties under norwegian conditions, and the introduction of new kinds of vegetables. This publication deals with the results of variety trials performed in 1979.

We wish to thank the many seed firms who have been very generous in supplying us with samples for our trials here at Ås. In some cases, the firm named may not be the primary seed producer, but the retail agent.

Arnulf R. Persson  
Professor

THE GRAPH SHOWS THE NUMBER OF HOURS THE SUN IS ABOVE THE HORIZON DURING THE YEAR AT ÅS - 60°N



WEATHER DATA FOR ÅS FROM MAY - SEPTEMBER 1979

	Month	1979	1978	30 years average (1931-60)
Rainfall (mm)	May	88,3	15,5	49
	June	46,1	61,5	70
	July	55,1	108,1	79
	August	84,5	67,0	96
	September	54,3	79,1	86
Sunshine hours	May	158,2	222,2	240,6
	June	259,2	232,0	304,6
	July	198,9	223,3	269,5
	August	177,1	217,1	258,9
	September	169,7	94,0	155,3
Average temp. °C	May	8,0	11,0	10,2
	June	15,3	15,5	14,4
	July	15,2	14,7	16,8
	August	13,7	14,3	15,6
	September	10,7	8,8	10,9

SEED SUPPLIERS

- AH A, Hansens Amagerfrø, Postboks 3, DK-2630 Tåstrup, Danmark.  
ARZ A.R. Zwaan & Zoon b.v., Postbox 992, NL-2270 AZ Voorburg, Nederland.  
ASG Asgrow International Corp., Subsidiary of the Upjohn Comp., Kalamazoo, Michigan 49001, USA.  
ASM Asmer Seeds Ltd., Asmer House, Ash Street, Leichesten, LE5 ODD, England.  
BALL Geo. J. Ball, Inc., West Chicago, Illinois 60185, USA.  
BEJO BEJO Zaden B.V., P.O.Box 9, NL-Noordscharwoude, Nederland.  
BEM C. Beemsterboer N.V., Postbus 2, Warmenhuizen, Nederland.  
BGP Bundesforschungsanstalt für gartenbauliche Pflanzenzüchtung, Bornkampsweg, 207 Ahrensburg/Holst., Vest-Tyskland (DBR).  
BHM Ernst Benary, Göttinger Strasse 3510, Hann München 1, Vest-Tyskland (DBR).  
BRU Bruinsma Selectiebedrijven B.V., P.O.B. 24, Naaldwijk, Nederland.  
BSA Bundessortenamt, Rathausplatz 1, D-3000 Hannover 72, Vest-Tyskland (DBR).  
CHA Charter Research, Inc., P.O.B. 787, Caldwell, Idaho 83605, USA.  
CS Charles Sharpe & Co., Ltd., Sleaford, Lincs, England.  
CTIFL Centre Technique Interprofessionnel des Fruits et Légumes, Service de L'amélioration de la Production, Centre de Balandran, F-30127 Bellegarde, France.  
DES Dessert Seed Co., Inc., P.O.B. 181, El Centro, California 92243, USA.  
DP D. van der Ploeg's Elite Zaden N.V., Postbus 19, NL-3220 Barendrecht, Nederland.  
DSG VEB Saat- und Pflanzengut, 43 Quedlingsburg-Harz, Øst-Tyskland (DDR).  
ENZA De Enkhuizer Zaadhandel B.V., Postbus 7, Enkhuizen, Nederland.  
=ENK  
ES Elsom's Seeds Ltd., Spalding, Lincolnshire, PE 111QG, England.  
FM Ferry-Morse Seed Co., Inc., P.O.B. 100, Mountain View, California 94040, USA.  
GCRI Classhouse Crops Research Institute, Rustington, Littlehampton, Sussex, England.  
GRI Grimstadfrø A/S, 4890 Grimstad.  
HAR Joseph Harris Co., Inc., Moreton Farm, Rochester, N.Y. 14624, USA.  
HG AB Hammenhögs Frø, S-27050 Hammenhög, Sverige.  
HHF Hans Hoffmann, Bahnhofplatz 1, D-8550 Forchheim, Vest-Tyskland (DBR).  
HILD Karl Hild, Marbach am Neckar, Vest-Tyskland (DBR).  
BUC Benson University of California  
HM Hans Meisert Samenzucht, Hannoversche Strasse 120, D-3000 Hannover 51, Vest-Tyskland (DBR).  
HOLMES  
=HSC Holmes Seed Co., Canton, Ohio, USA.  
HS Holland-Select B.V. P.O.B. 27, Andijh, Nederland.  
HU Algot Holmbergs Utsädesförädling, Norrköping, Sverige.  
HGC Hurst Gunson Cooper Taber Ltd., Witham, Essex, England.  
IH Inst. de Haaff (H. Toxopeus), Postbus 117, Wageningen, Nederland.  
INRA Institute National de Recherche Agronomique, Domaine de Crouelle, F-63100 Clermont Ferrand, France.  
ITA International Institute of Tropical Agriculture, PMB 5320, Ibadan, Nigeria.  
IVT Instituut voor de veredeling van tuinbouwgewassen, Postbus 16, NL-6700 AA Wageningen, Nederland.  
JON Gebr's de Jong, P.O.B. 35, Goes, Nederland.

LC L. Clause, S.A., 9 Brétigny-sur-Orge, Frankrike.  
LD A/S L. Dahnfeldt Havefrø, Postbox 15, DK-5100 Odense, Danmark.  
KEY Keystone Seeds, Inc., P.O.B. 1438, Hollister, California  
95023, USA.  
LEUT Leütens Frøhandel A/S, Postboks 3928 Leangen, 7001 Trondheim.  
LOG Økern Torgvei 1, Oslo 5.  
MSU Michigan State University, Department of Horticulture, East  
Lansing, Michigan 48823, USA.  
NF A/S Norsk Frø, Frysjavaeien 40, Oslo 8.  
NK Northrup King & Co., 1500 Jackson St., N.E. Minneapolis,  
Minnesota 55413, USA.  
NSDO National Seed Development Organization, Ltd., Cambridge,  
England.  
NUN Nunhem's Zaden, P.O.B. 4005, NL-6080 AA Haelen, Nederland.  
OEK J.E. Ohlsens Enke, Ny Munkegård, DK-2630 Tåstrup, Danmark.  
OST Otis S. Twilley Seed Co., Salisbury, Maryland 21801, USA.  
PA C.W. Pannevis' Zaadteelt en Zaadhandel N.V., Postbus 2,  
Enkhuizen, Nederland.  
PS Petoseed Co., Inc., P.O.B. 4206, Saticoy, California 93003, USA.  
RB Rogers Brothers Seed Co., P.O.B. 1647, Idaho Falls, Idaho  
83401, USA.  
ROG Gebrüder Roggli A.G., Dorfstr. 36, CH-3652 Hilterfingen BE,  
Sveits.  
RS Royal Sluis, Postbus 22, Enkhuizen, Nederland.  
RZ Rijk Zwaan's Zeedteelt en Zaadhandel B.V., Postbus 40,  
De Lier, Nederland.  
RA Statens Gartnerskole Rå, 9410 Borkenes.  
SAK T. Sakata & Co., C.P.O. Box 11, 2, Kiribatake, Kanagawa-ku,  
Yokohama, Japan 220-91.  
SCHÄF Karl Schäfer Samenzucht, Postfach 837, 34 Göttingen, Vest-  
Tyskland (DBR).  
SEMP Sempra Praha, Oborový podnik, Bubenské nábřeží 9, Praha 7,  
Czechoslovakia.  
S&G N.V. Koninlijke Zaadteelt en Zaadhandel, Sluis en Groot,  
Postbus 13, Enkhuizen, Nederland.  
SPER Carl Sperling & Co., Postfach 2460, 314 Lüneburg, Vest-Tysk-  
land (DBR).  
SRG Sanderød Gård, 1692 Nedgården.  
STO Stokes Seeds Ltd., P.O.B. 10, St. Catharines, Ontario, Canada.  
SUH Sveriges Utsädesförening, Hammenhögsavdelningen, S-270 50  
Hammenhög, Sverige.  
SUP Supergran, Bruul 101, B-2800 Mechelen, Belgia.  
SUS Sveriges Utsädesförening, Svalöf, Sverige.  
SW Seedway, Inc., Hall, New York 14463, USA.  
TA Takii & Co., Ltd., Seed Growers, P.O.B. 7, Kyoto Central, Japan  
T&M Thompson & Morgan (Ipswich) Ltd., London Road, Ipswich,  
Suffolk, England. (Zimtrade, Solveien, 1540 Vestby).  
UA UniAgros, Aulestrasse 80, FL-9490 Vaduz, Vest-Tyskland (DBR).  
UG University of Guelph, Canada.  
USDA United State Dep. of Agriculture, Cheyenne Horticultural Field  
CW Station, Cheyenne, Wyoming, USA.  
VDB Gebrüder van den Berg, N.V., Postbus 25, Naaldwijk, Nederland.  
WAV van Waveren & de Bres GMBH, Postfach 75, 34 Göttingen, Vest-  
Tyskland (DBR).  
WW W. Weibull AB, Fack, S-261 20 Landskrona 1, Sverige.

CABBAGE OBSERVATION TRIAL WITH F<sub>1</sub>-HYBRIDS 1979

Variety	Seed supplier	Total yield kg/daa	Average wt/head kg	Date of harvest
Jupiter	ASM	5035	1,51	17.10
Asmer Mars	"	2730	0,82	17.10
Asmer Aquarius	"	4895	1,40	17.10
Tucana	RS	5059	1,78	7.8
Casio	"	7430	2,23	30.8
Vela	"	4038	1,21	7.8
Orion	"	8537	2,56	4.9
Hisepta	BEJO	8498	2,55	30.8
Hinova	"	9133	2,74	17.10
Histona	"	9213	2,76	27.8
Hidena	"	5896	1,77	17.10
Higusta	"	7640	2,30	27.8
Histanda	"	7908	2,37	20.8
Hitoma	"	6328	1,90	17.10
Hyula	"	8755	2,63	30.8
Golden Cross	TA	3767	1,18	7.8
Emerald Cross	"	5563	1,75	7.8
Market Prize	HAR	6345	1,90	20.8
Market Victor	"	5519	1,67	7.8
Exel	"	6535	1,96	17.10
Stonar	ARZ	3543	1,06	17.10
Bamba	"	4705	1,41	17.10
Stonehead	SAK	4555	1,37	20.8
Shamrock	RS	5572	1,67	27.8
Taurus	"	8265	2,48	4.9
Falcan	"	8958	2,69	4.9

Replications: 2  
 Plot size: 9 m<sup>2</sup>  
 Sown: April 10  
 Planted: May 25  
 Between rows: 65 cm  
 Between plants: 50 cm



CAULIFLOWER VARIETY TRIALS 1979

Variety	Seed supplier	Planting	Days from planting to 50% yield	Length of yield period in days	YIELD			CURD					
					Total kg/daa	Class I kg/daa	Per cent Class I	Average weight Class I in grams	Colour 1-9	Height of curd 1-9	Uniformity 1-9	Compactness 1-9	Riceyness 1-9
Solocrop	ARZ	a	76	16	2926	1675	57,3	670	6	8,5	7,5	7	6,5
		b	76	17	2317	1924	83,1	639	6,5	7,5	7	6	8,5
Marva Record	BEJO	a	62	12	1529	1101	72,0	464	6	6,5	7	7,5	8,5
		a	69	9	2176	1865	79,2	597	6	6,5	7	7	9
King	LD	a	69	-	1375	0	0	0	1	6	7	5	1
		b	71	11	1883	0	0	0	1	6	7	5	1
White Empress	MSU	a	67	10	1942	1622	83,5	517	6,5	7,5	7	7	9
		b	62	17	2999	1569	68,3	612	5	6,5	6,5	6	8,5
Paloma	RS	a	72	7	2092	1260	60,2	596	6,5	7	6	5	9
		b	62	14	2151	1512	70,3	655	5,5	6	7	7	8
RS 1813	RS	a	76	15	2731	2542	93,1	720	7	7,5	8	8	9
		b	71	13	2891	2489	86,1	753	7	7,5	6,5	6,5	9
		c	79	21	2521	1919	76,05	665	8,5	7	7,5	7,5	9
Type 165	RZ	a	72	9	2270	2166	95,4	650	8	8	8	7	9
		b	72	16	2787	2358	84,6	783	8	8	7	6,5	9
		c	76	20	2396	1657	69,2	663	7,5	7,5	6,5	7	8,5
Type 338 B	RZ	a	71	12	2281	2180	95,6	607	8	8,5	8,5	8	9
		b	67	19	2259	1728	76,5	586	6,5	6,5	8	6,5	9
		c	70	20	1969	1869	94,9	595	7	7,5	8	7	9
White Summer	S&G	a	76	11	2224	2024	90,8	631	7,5	8	8,5	9	9
		b	71	13	2438	2385	97,8	689	7	6	7	7	9
		c	74	16	2718	2576	95,0	718	7	7,5	8	7	9

(cont.)

CAULIFLOWER VARIETY TRIALS 1979 (continued)

Variety	Seed supplier	Plan-ting	Days from planting to 50% yield	Length of yield period in days	YIELD			CURD						
					Total kg/daa	Class I kg/daa	Per cent Class I	Average weight Class I in grams	Colour 1-9	Height of curd 1-9	Uniformity 1-9	Compactness 1-9	Riceyness 1-9	
White Top	S&G	a	78	17	3014	2674	88,7	787	8	8,5	8,5	8,5	8,5	9
		b	76	18	3040	2965	97,0	984	8	9	8	8	8,5	8,5
		c	83	30	2831	2606	92,0	753	8,5	7,5	8	8	8	8,5
Stokes Early Abundance	STO	a	53	16	738	333	45,2	400	6	7	8	6	6	9
White Horse	STO	a	74	11	2342	1943	83,0	659	7,5	7	7	7	7	9
34920 K	SUH	a	76	14	2074	1426	68,8	741	7,5	7	7,5	6	6	7
		b	73	16	2631	1125	42,8	627	5,5	6	5	6	6	8
		c	79	13	2308	1684	72,6	674	9	7	7,5	7	7	8
54925 K	SUH	a	83	8	2349	2349	100	852	8,5	8	8,5	9	9	
54932 K	SUH	b	78	18	3500	3206	91,6	981	8,5	7,5	8,5	9	9	
		c	90	27	2805	2552	91,0	781	8	7,5	8,5	9	8,5	
		a	75	11	1620	1467	90,6	572	6,5	7	7,5	7,5	5,5	9
Snow Crown F <sub>1</sub>	TA	b	67	12	2497	1443	57,8	643	7,5	6	7	6,5	6,5	7
		c	74	14	2604	1877	72,1	681	7,5	6,5	8	8	4,5	8,5
		a	64	19	1706	1500	87,9	442	6,5	7,5	7	7,5	7,5	9
Snow King F <sub>1</sub>	TA	b	48	10	2321	1010	43,5	630	6	6	7,5	6,5	6,5	6
		a		12	356	0	0							
		a	12	16	2008	1496	74,5	614	6,5	6,5	7	7	7,5	9
Kassa	VDB	a												
Vita	LD	b	69	14	2313	243	8,6	631	6	6	7	9	4	
SG 107	S&G	b	69	16	2336	1065	45,6	639	6,5	7,0	8,5	6,5	6,5	5
		c	71	14	2369	2140	90,4	642	6,5	7	8,5	6,5	6,5	8

(cont.)

CAULIFLOWER VARIETY TRIALS 1979 (continued)

Variety	Seed supplier	Planting	Days from planting to 50% yield	Length of yield period in days	YIELD			CURD						
					Total kg/daa	Class I kg/daa	Per cent Class I	Average weight Class I in grams	Colour 1-9	Height of curd 1-9	Uniformity 1-9	Compactness 1-9	Riciness 1-9	
SG 109	S&G	b	74	18	2621	2478	94,6	703	7	7	8	8	8	9
		c	77	17	2856	2624	91,9	758	7	7	8	8,5	8,5	9
SG 112	S&G	b	83	18	3265	2869	87,9	952	7,5	7,5	8	8,5	8,5	9
		c	92	27	2749	2461	89,5	800	7,5	7,5	8	8,5	8,5	9
Sv C 014	SUH	c	79	22	2378	2313	97,3	656	8,5	7	8	7,5	7,5	9
64002 K	SUH	c	83	21	2649	2604	98,3	752	8,5	7,5	8	9	9	8,5
65202	SUH	c	67	11	2339	1574	70,3	682	6,5	6,5	7	6,5	6,5	7
Alpha Hormade	ARZ	c	74	23	2580	2110	81,7	670	7,5	7,5	6,5	6,5	6,5	8
Formana	BEJO	c	77	29	2328	1517	64,6	657	5,5	6	5,5	4,5	4,5	9
15-87	MSU	c	-	-	-	-	-	-	-	-	-	-	-	-
Monarch	PS	c	77	25	1852	834	43,5	689	5,5	6	3	7	7	7,5
Dok Elgon	RS	c	81	22	2289	1888	82,5	718	7	7	7	7,5	7,5	7,5
Lagon	RS	c	96	27	2489	1874	75,4	731	7	8	8	6,5	6,5	7,5

Plot size: 6 x 1,3 m = 7,8 m<sup>2</sup> - 30 plants

Between plants: 40 cm

Between rows: 65 cm

2 replications

Sown Planted

a 4/4 15/5

b 27/4 5/6

c 28/5 28/6

CHINESE CABBAGE TRIAL 1979

Variety	Seed supplier	% with flowerstalk above "head"	Height of flowerstalk in cm	Heading none-well formed 0-5	Comments
Tip Top	SAK	2	5-10	3	Some tipburn
Early Top No. 16 F <sub>1</sub>	"	100	>90	0	Direct bolting
No. 27 F <sub>1</sub>	"	88	50-70	1	
No. 33 F <sub>1</sub>	"	68	30-50	2	Crinkled leaves
WR 60	TA	82	10-30	1	
WR 70	"	82	50-70	1	
Nagaoka No. 2	"	22	10-30	2	
Spring A <sub>1</sub>	"	45	50-70	2	Crinkled leaves

Replications: 3

Sown:

April 23

The plants were raised at: 18-20°C before planting

Planting in open:

May 16

Plot size:

2,60 x 3,20 m = 8,32 m<sup>2</sup> - 56 plants

Fertilizers:

126, 55 and 156 kg N, P, K/ha and 78 kg N/ha as top dressing.

At these low temperatures no variety in trial developed marketable quality. Because of bolting all sorts and plants had developed flower stalks either within the head or high stalks reaching above the headforming leaves. (Some species did not form any head at all).

EGGPLANT VARIETY TRIAL 1979

1st sowing

Variety	Seed supplier	Yield				
		Class I			Total	
		% Class I	Yield kg/m <sup>2</sup>	Wt. per fruit (g)	Yield kg/m <sup>2</sup>	Wt. per fruit (g)
Aubru	BRU	94,2	2,93	207	3,11	192
Black Bell	STO	83,7	1,87	214	2,23	192
R 2102	OEK	88,2	1,45	174	1,64	161
Radja	RZ	89,7	3,15	219	3,51	206

2 main stems per plant

Replications: 2

Sown: 17/1-79

Transplanted into 11 cm Vefi pots: 12/2

Planted into peat sacks: 6/3

Anthesis: 26-30/3

EGGPLANT OBSERVATION TRIAL 1979

2nd sowing

Claresse	DP	67,4	1,47	186	2,18	159
Classic	HAR	72,3	2,00	230	2,78	202
Exp. Hybrid No. 6535	KEY	95,9	2,98	286	3,11	257
PSX 3977 F <sub>1</sub>	PS	87,7	2,70	198	3,10	170
Radja	RZ	82,1	2,60	252	3,19	213
Vedette	S&G	46,8	0,50	267	1,06	122
Black Bell	STO	96,2	2,73	285	2,84	262
Black King	TA	79,8	2,59	259	3,25	217
Black Prince	"	89,1	2,95	168	3,30	147
Nile F <sub>1</sub>	ASG	41,4	0,29	175	0,70	121
Bonica		85,2	2,12	268	2,49	239

2 main stems per plant

Replications: 2

Sown: 19/4-79

Planted: 25/6

KOHLRABI - SPRING TRIALS

Variety	Seed supplier	Yield per m <sup>2</sup> in grams	Tuber diam. in cm	Weight per tuber	Percentage of total yield harvested on:			Days from planting to 50% yield	Per-centage market-able	
					13/6	19/6	26/6			4/7
1. Trero	ROG	3670	5,9	167	74	87	98	100	57	85
2. Marko	HILD	4570	6,1	197	73	85	88	100	57	93
3. Delikatess weiss HM		1820	5,1	246	-	58	89	100	63	30
4. Wiesmoor Treib BHM		4770	5,9	185	88	95	95	100	57	100
5. Hoffmanns weiss HFF		4860	6,0	194	79	90	100	-	57	100
6. Primette ENZA		3270	5,5	221	54	81	100	-	57	59
7. Lanro ROG		4220	6,1	190	60	100	-	-	57	89
8. Grand Duke* STO		4670	5,6	229	17*	54	95	100	47	82
Average			5,8	196						
1-7 sown on 15/3, days from planting:					57	63	71			
8 " " 4/4, " " :					47	55	62	70		

Distance between plants: 20 cm

" " rows: 20 cm

No. of plants per m<sup>2</sup>: 25

\*Seeds of 'Grand Duke' arrived later than the others.

Comments: Plants from the same bed were also planted in the open for cultivation under "climatic stress". Sowing date: April 18. Average daily temperatures in the first month after planting varied from 4-9°C. The varieties 'Primette', 'Grand Duke' and 'Wiesmoor Trieb' bolted under these conditions. The ratios between tubers and leaves, together with the analysis of data important for kohlrabi in an early spring diet, e.g. iron, fibre, etc. content, are published by G. Weisæth and E. Baltzersen in the Norwegian horticultural journal "Gartneryrket", December 1979.

BUTTERHEAD LETTUCE VARIETY TRIAL 1979

In the open

Variety	Seed supplier	Average weight per head in g	Expt. error in g for variety	Average variance per plot		Intensity of head colour 1-9	Development of lettuce head 1-9	Firmness of head 1-9	Tip-burn 1-9
				I	II				
Augusta	LC	186	15,6	42,3	54,8	5-6	7,5	7,0	7,9
Sanno	DP	238	17,3	39,5	41,8	6-7	7,9	7,7	8,5
761534	RS	173	44,1	31,8	35,2	5-6	7,4	6,8	7,6
Butter King	STO	228	25,5	40,4	49,7	4-5	6,9	6,3	7,2
Butter Crunch	PS	216	12,0	48,2	54,6	7-8	6,7	7,1	8,2

Sown: May 9 in peat blocks

Transplanted: June 11

Harvested: July 17

Replications: 2

Plot size: 1,3 x 4 m = 5,2 m<sup>2</sup>

Between plants: 18 cm

Between rows: 20 cm

CRISP-HEAD LETTUCE VARIETY TRIAL 1979

In the open

Ithaca	S&G	343	48,6	60,2	104,7	5	6,9	7,1	7,6
Highland F <sub>1</sub>	TA	354	4,5	79,2	83,0	6	7,0	6,5	7,8
E 4165	ENZA	Bolting in both replications							
E 1083	"	422	30,9	98,8	156,3	7	5,3	5,1	7,9

Sown: May 9 in peat blocks

Transplanted: June 12

Harvested: July 17

Replications: 2

Plot size: 1,3 x 4,0 m = 5,2 m<sup>2</sup>

Between plants: 30 cm

Between rows: 25 cm

MELON VARIETY TRIAL 1979

Unheated polyethylene green-house

Variety	Seed supplier	YIELD					FRUIT				
		Number of fruits per vine	Total kg/m <sup>2</sup> up to Aug 15	Total yield kg/m <sup>2</sup>	Average per cent Class I	Fruit size Class I in g	Fruit shape	Rib	Net	Rind colour	Flesh colour
XP 771/WTL 105	ASG	2-3	0,28	2,11	60	610	Elongated/oval	Heavy green	Medium	Yellowish/green	Orange/green
Gold Star	HAR	1,2	0,40	1,99	89	850	Oval	Medium	Heavy	Green, faint yell.	Orange/green yellowgreen
77663	"	0-3	0,22	1,37	50	698	Round/oval	Medium green	Medium	Yellow	Orange/yellow
Brode Haros	LC	0,5-1	0	0,98	75	1040	Round	Slight orange	Medium	Yellow-green	Yellowish/green
No. 19-1 F <sub>1</sub>	LD	3	0,41	3,25	61,1	788	Oblate	Heavy	None	Faint yell.	Orange
Romeo	LOG	2	0	1,25	50	585	Round/oval	Slight	Medium	Faint yell./green	Orange/green
Early Dew	PS	2-3	0,82	3,08	53	848	Round/oval	Slight	Slight	Yellowish/green	Green
Polidor (RS 815)	RS	1-3	0,50	2,02	64	700	Round/oval	Medium	Medium	Dark green	Green/white/green ring
Overgen	S&G	2-3,5	0,29	2,96	64,4	725	Round/oval	Medium Grey-green	Slight	Yellowish green	Light green/green
Canada Gem Hybrid	STO	3	0,61	2,70	62,5	645	Oval	Medium	Heavy	Yellowish green	Orange/green
Harper Hybrid	"	3-4	0,70	3,26	71,4	550	Oval	Slight	Medium	Yellowish green	Orange/green
Perfection	"	3	0,66	2,95	61,1	658	Round/oval	Slight	Heavy	Yellowish green	Orange/green
Aroma	SUH	4,5-6	2,09	5,59	76,2	954	Round	Slight	Medium	Yellowish orange	Orange
Green Pearl	TA	2-3	0,55	3,69	73,3	953	Round	Slight	Heavy	Faint green yellow	Green/dark green



MELON (continued)

Replications: 2  
Pre-germinated: May 6  
Germinated seeds sown: May 8  
Planted in Floralux  
peat bags: June 6  
Topped (Except no. 8, 9, 13): June 6  
3 plants in each bag: = a plot  
Plot size: 1,8 m<sup>2</sup>

One vine per plant hung up, side vines not pruned.  
The soil was covered with black polyethylene film.

Drip irrigation: Eventricke

Fertilizer: Superba + Viking Ship Ca(NO<sub>3</sub>)<sub>2</sub>

Electrical heating cables on the ground close to the peat bags (17 Watt per plant)

ONION OBSERVATION TRIAL 1979

Variety	Seed supplier	Relative yield	Wt. per onion in g	Number harvested				Form	Outer colour (1-9)
				% Class I	% Class II	% discarded	% <1,15 cm		
Produbel	DP	139	35,1	90,9	7,8	0,7	0,6	Oval	4
Robusta	BEM	133	35,1	91,0	7,8	0,7	0,5	Round	6
Capable	DES	154	46,3	67,6	19,9	12,3	0,2	Oblong	6
S&G 60070	S&G	114	48,7	65,5	30,6	3,6	0,3	Round	6
Enormus	JON	92	47,6	72,7	27,3	-	-	Oblong	6
Excellent F <sub>1</sub>	"	130	50,0	80,2	18,0	1,5	0,3	Oval	5
King Kong	LD	40	47,4	78,3	20,0	1,3	0,4	Oblong	7
Rijnsburger Idol	OEK	131	40,5	64,0	35,5	-	0,5	High-round	4
Takii's Pride	TA	106	35,1	55,7	44,0	-	0,3	"	8
Vijbo	S&G	122	47,5	70,9	28,9	-	0,2	Round	5
Kyoto Prolific Yellow	TA	92	55,3	81,8	17,0	0,9	0,3	High-round	7
Mabol	ENZA	104	56,4	78,8	15,6	5,3	0,3	Round	5
WAV SW 123	WAV	81	43,5	82,9	15,7	1,1	0,3	Round	6
Produmax Rijnsburger	DP	94	51,7	83,9	15,4	0,4	0,3	Round	5-6
SG 902	S&G	113	55,8	84,8	13,3	1,4	0,5	Round	6
Sturon	"	86	46,5	88,3	11,2	-	0,5	Round	7
Robal	"	89	35,1	82,1	17,7	-	0,8	Round	Purple
Jumbo	"	85	43,6	73,8	25,5	0,2	0,5	High-round	7
XP 428 F <sub>1</sub>	ASG	126	39,1	40,6	48,2	10,3	0,9	Oblong	6
Rialto F <sub>1</sub>	"	140	40,0	67,9	21,5	10,3	0,3	Round	6
Rivato Rijnsburger	RS	106	36,1	80,1	18,8	0,2	0,9	Oval	5

ONION OBSERVATION TRIAL 1979 (continued)

Variety	Seed supplier	Relative yield	Wt. per onion in g	Number harvested				Outer colour (1-9)	
				% Class I	% Class II	% discarded	% <1,15 cm		
Lucrato	RS	61	37,1	88,6	5,3	5,2	0,4	Round	4
Barletta	STO	81	35,1	91,4	6,2	2,3	0,1	Flat-round	White
Hygro F <sub>1</sub> (reference var.)	BEJO	55	47,7	90,9	8,8	-	0,3	Round	5
Hyper F <sub>1</sub>	BEJO	90	34,4	86,6	12,7	-	0,7	Round	5
Robot	ARZ	107	38,0	91,5	7,1	0,6	0,8	Round	5
Super Elite	STO	103	28,7	60,4	36,5	2,3	0,8	Oval	7
Northern Oak	"	106	33,0	64,8	32,0	2,6	0,6	Oval	8
Stokes Exporter	"	113	34,0	58,9	37,8	2,7	0,6	High-round	7
Storage King	"	86	26,4	53,3	46,0	-	0,7	Oval	6
Canada Maple	"	97	33,4	59,8	34,0	5,9	0,3	High-round	7
Canada Granite	"	84	38,9	73,8	24,1	1,8	0,3	Round	6
Rigo	SUH	67	53,8	76,2	23,5	-	0,3	High-round	4
Hamund	"	110	56,3	74,9	25,0	-	0,1	Round	4
56114	"	109	42,6	78,3	20,8	-	0,9	Round	4
45757	"	68	42,9	70,9	26,8	1,9	0,7	High-round	5
Envee	HS	57	32,8	81,8	17,5	-	0,7	High-round	3
Bumper	DES	94	49,3	62,8	29,9	6,8	0,5	Oval	6
Hybrid PLK	"	53	23,9	83,0	10,6	5,6	0,8	Round	4
EYG No. 155	"	130	38,9	59,1	39,7	0,7	0,5	High-round	5-6

(cont.)

ONION OBSERVATION TRIAL 1979 (continued)

Replications: 2  
 Sown: May 2  
 Thinned: May 30  
 Harvested: September 18  
 Between rows: 14 cm  
 Between plants: 7 cm  
 Plot size: 0,7 m<sup>2</sup>

Outer-colour scale: 1 = light skinned  
 9 = dark skinned

Due to the low temperatures, high rainfall and low sunshine hours in May, germination was delayed, and in some cases the germination percent was low.

PICKLING CUCUMBER VARIETY TRIAL 1979

Variety	Seed-supplier	% Class I	Days from sowing to 50% yield	Total yield kg/daa	No. of fruits per m <sup>2</sup> Class I	Relative yield Class I	Percent of each size in Class I				Weight per fruit Class I in grams	Yield kg/daa Class I
							6-9 cm	9-11 cm	11-13 cm	>13 cm		
1329/73	BRU	79	80	1406	24	118	21,4	23,9	24,9	29,8	46	1108
E 1296	ENZA	78	78	2182	44	183	38,8	34,8	18,3	8,1	39	1719
Elon F <sub>1</sub>	LC	88	81	1059	27	134	51,1	31,2	15,0	2,6	35	940
Forma F <sub>1</sub>	LOG	69	91	877	23	64	29,1	20,2	17,7	33,0	34	602
SG 891	S&G	77	86	1472	19	121	12,6	14,3	21,1	52,0	47	1137
Levo F <sub>1</sub>	"	81	82	1157	24	100	40,8	33,5	19,2	6,6	37	938
WW 1098	WW	65	80	1917	31	165	27,4	27,5	25,0	20,1	44	1244
Septa (sv B317)	SUH	74	81	2106	42	133	31,1	37,7	21,0	10,3	36	1549

Replications: 4

Deep furrows covered with clear polyethylene film

Sown: June 1

Between plants: 20 cm

Between rows: 130 cm

Plot size: 5,2 m<sup>2</sup>

Plants per plot: 20

PICKLING CUCUMBER OBSERVATION TRIAL 1979

Variety	Seed supplier	% Class I	Average wt. of fruit Class I (g)	Relative yield	Percentage distribution of each size in Class I				No. of fruits per m <sup>2</sup>	Relation female:male flowers	Relation fruit diam.:seed room
					6-9 cm	9-11 cm	11-13 cm	>13 cm			
Premier	ASG	99	175	51	1	3	28	70	4,6	20:1	1,7:1
Sprint 440 F <sub>1</sub>	"	81	156	97	3	1	3	94	9,8	10:1	1,8:1
Truda	BEJO	98	152	70	3	2	20	54	7,3	1:3	1,6:1
Beta Alpha 180 WS F <sub>1</sub>	DES	96	130	129	4	4	2	92	14,2	20:1	1,9:1
Multipic F <sub>1</sub>	PS	82	42	34	26	10	3	63	12,9	30:1	1,6:1
Liberty F <sub>1</sub>	"	95	143	98	5	2	4	91	10,8	2,3:1	1,6:1
Lucky Strike F <sub>1</sub>	"	92	195	128	2	2	4	94	11,4	10:1	1,7:1
Charger F <sub>1</sub>	"	93	196	169	2	2	1	96	13,7	5:1	1,7:1
Elena (77009) F <sub>1</sub>	RS	92	115	144	4	11	24	62	19,8	5:1	1,5:1
SG 819	S&G	81	178	76	1	2	4	95	6,7	Only female	1,7:1
Levo F <sub>1</sub>	"	79	35	57	43	34	19	5	25,2	3:1	-
Merico F <sub>1</sub>	VDB	91	277	108	1	-	1	98	6,2	Only female	1,7:1
Nib (Wav 301)	WAV	89	152	166	1	2	13	85	17,3	2:1	1,4:1
Heureka V	"	87	217	124	-	1	2	98	9,0	1:3	1,6:1
Hawo (961)	"	83	527	148	1	-	-	99	4,4	1:15	2,0:1
WW 374 B	WW	88	174	172	3	3	3	91	15,6	15:1	1,5:1
Green Spear F <sub>1</sub>	NK	92	196	153	1	1	4	95	12,3	2:1	1,7:1
Femcor F <sub>1</sub>	DP	96	134	61	2	8	10	80	7,1	Only female	1,5:1
Capir-mix	"	96	192	75	1	-	7	93	6,2	15:1	1,7:1
Nr. 77024 F <sub>1</sub>	"	100	162	52	-	-	17	83	5,0	Only female	1,5:1
Pikmaster (Exp.808) F <sub>1</sub>	F <sub>1</sub> NK	100	212	67	1	-	8	91	5,0	2:1	1,7:1
Superslice (Exp871) F <sub>1</sub>	"	98	190	49	-	-	-	100	4,0	1:5	1,8:1
Milglas-mix	DP	96	197	101	2	8	-	90	8,1	5:1	1,7:1
Peter	SCHÄF	89	161	81	1	1	18	80	7,9	13:1	1,5:1

Harvested 1-2 times

PICKLING CUCUMBER - MICHIGAN UNIVERSITY VARIETIES 1979

Variety	% Class I	Yield kg/daa Class I	Total yield kg/daa	No. of fruits per m <sup>2</sup> Class I	Relative yield Class I	Percent of each size in Class I				Weight per fruit Class I in grams
						6-9 cm	9-11 cm	11-13 cm	>13 cm	
01818 B MSU 3 x 581	90	1051	1179	31	206	54	28	12	7	34,3
01819 B MSU 3 x 669	72	991	1383	24	195	37	30	19	16	41,3
01820 B MSU 41 x 581	88	1202	1373	31	236	41	17	19	6	38,8
01821 B MSU 41 x 669	77	1362	1782	29	268	31	26	31	15	47,6
01822 B MSU 551 x 581	83	550	668	16	108	49	25	16	12	34,5
01823 B MSU 551 x 669	67	475	710	13	94	29	36	20	16	35,5
01824 B MSU 921 x 581	85	618	732	20	122	64	26	5	7	31,6
01825 B MSU 921 x 669	87	606	698	16	119	36	32	23	10	38,8
01826 B MSU 3488 x 581	90	730	812	18	143	43	23	11	24	39,5
01827 B MSU 3488 x 669	75	875	1180	18	172	19	30	24	28	47,8
Levo (S&G) (Reference var.)	78	510	653	15	100	48	31	18	5	33,2

BELL PEPPER VARIETY TRIAL 1979

Unheated polyethylene tunnels

Variety	Seed supplier	YIELD			
		Total kg/m <sup>2</sup>	Percent Class I	$\bar{x}$ wt./fruit Class I (g)	$\bar{x}$ wt./fruit total (g)
154 F <sub>1</sub>	ENZA	6,05	60,8	164	135
PSR 375 F <sub>1</sub>	PS	6,27	57,6	142	122
Type 24	RS	5,30	53,0	124	98
RS 916 F <sub>1</sub>	"	5,36	51,8	116	99
Cadice	S&G	8,70	49,8	134	111
P 53 F <sub>1</sub>	"	4,47	49,5	137	126
Nr. H 77-1 F <sub>1</sub>	VDB	7,75	59,8	144	119
Lady Bell	HAR	8,77	60,8	138	111

Replications: 3, 8 plants in each plot  
 Distance between plants: 40 cm  
 Sown: April 3  
 Transplanted: May 28  
 Drip irrigation: Eventrickle  
 Fertilizer: Superba + Viking ship CaNO<sub>3</sub>



RADISH VARIETY TRIAL 1979

Unheated polyethylene tunnels

Variety	Seed supplier	% of total yield at first harvest	Number of saleable per m <sup>2</sup>	Weight in grams of 15 saleable	% foliage of plant weight	Terminal root tip x	Root shape xx	External colour xxx	Sponginess 1 - 9 xxxxx
Scarabelle orig.	A	42,0	266	167	40,8	-	o-r	Med	9
	B	16,0	338	187	45,6	-			
Real	A	40,9	301	179	40,7	r	o-r	Med-D	9
	B	38,4	424	183	42,6				
<del>Scaro</del>	A	50,5	285	185	36,2	-	r	Med-D	9
	B	46,2	327	184	40,1				
NZ 1273	A	48,7	299	202	42,6	r	o-r	Med-D	8,5
	B	44,6	360	191	43,3				
Rota	A	21,1	106	263	59,1	r	r	Med	9
	B	27,3	172	244	56,1				

Sown A: March 23

Sown B: April 5

Harvested A: May 7, 11, 15

Harvested B: May 11, 15, 22

15/1 most of them were usable

x: r = red, rw = red with white tip

xx: s = cylindrical, o = oval, r = round

xxx: External colour: Med = medium, D = dark

xxxx: Sponginess: 1 = spiny, 9 = firm

SWEET CORN TRIAL 1979

Deep furrow covered with polyethylene film

Variety	Seed supplier	Plant height in cm	Days from sowing to 50% yield	Number of cobs per plant			Yield g/m <sup>2</sup>	Cobs Class I				Seed colour
				Class I >160 mm	Total	% Class I		Average weight in g	Length in mm	Width in mm	Number of seed rows	
XP 2532	ASG	205	120	0,6	0,9	73,4	586	237	188	44	17,8	Yellow
Earliglow D-5 EH	CHA	175	122	0,7	1,1	67,3	654	232	189	47	14,8	Cream
Early Sunglow	"	140	122	0,6	0,9	70,5	469	200	173	44	13,4	Cream
Sundance	HAR	165	117	0,8	1,3	63,5	664	213	180	49	15,4	Yellow
A 108	"	195	120	0,9	1,3	67,5	735	218	186	47	14,6	Yellow-Anthocyan
BE 1266	"	195	116	0,02	0,5	4,3	15	178	175	42	14,3	Yellow
Borealis	HGC	150	115	0,8	1,2	67,6	708	233	209	48	13,5	Yellow-Anthocyan
Honeydew	"	190	105	0,6	0,8	81,2	692	290	224	51	14,2	Cream
Seneca Star	LOG	190	109	0,9	1,4	64,8	1012	293	175	51	15,6	Yellow
Beacon	RB	170	106	0,7	1,0	73,6	810	283	191	49	14,0	Cream
Golden Earlipak	"	180	110	0,9	1,2	79,2	1066	296	227	49	12,1	Anthocyan
Jubilee	"	210	125	0,6	1,2	50,5	574	240	201	45	16,2	Yellow-Anthocyan
69-1689	"	175	120	0,7	1,2	62,6	820	287	208	48	16,3	Dark yellow
74-1702	"	185	120	0,8	1,1	68,0	771	258	198	48	15,2	Anthocyan
Tablevee	STO	200	124	0,3	1,2	24,5	291	262	212	47	13,8	Cream
Canada Cross	LOG	175	109	0,7	0,9	74,7	706	267	212	47	11,8	Anthocyan

Replications: 3

Sown: May 14

Transplanted: May 21

First harvest: September 12

Between double rows: 40 cm

Between plants: 40 cm

Plot size: 7,8 m<sup>2</sup> = 30 plants

TOMATO VARIETY TRIAL 1979

In the open

Variety	Seed supplier	YIELD				FRUIT					
		Up to Aug.20 kg/daa	Total kg/daa	% Class I	% Class II	Weight in g Class I	Height/width in mm	Fruit shape index	Number of seed rooms	Refractometer value Ripe fruit	
Early Girl	BALL	114	2982	20,8	48,5	90,0	4,6/5,0	0,92	1-7(3,2)	4,5	
Early Girl (TS)	"	136	3167	1,3	45,5	65,0	-	-	-	-	
Early Girl (SS)	"	-	2271	9,6	43,0	61,8	-	-	-	-	
1380/76 TmC4F	BRU	58	3869	16,0	46,7	68,3	5,1/5,7	0,89	2-4(3)	4,0	
57 La M	"	257	3601	31,3	35,1	58,6	4,3/5,2	0,83	3-5(3,4)	3,9	
Harzfeuer	DSG	149	3946	32,3	42,2	59,0	4,2/4,9	0,86	2-5(2,5)	4,9	
Harzfeuer (TS)	"	186	2865	14,0	50,4	72,5	-	-	-	-	
Compaty DBR 90 TmF	ENZA	124	4938	24,3	39,5	53,3	4,3/4,9	0,88	2-3(2,5)	4,1	
Compaty (TS)	"	192	3888	7,5	20,9	56,9	-	-	-	-	
Dwarfy DGR TmF	"	481	4926	24,7	41,9	44,2	4,1/4,3	0,95	2-3(2,1)	4,8	
Booster	FM	537	2852	1,8	22,8	82,5	4,4/5,0	0,88	4-9(5,5)	4,7	
Doton F <sub>1</sub>	OEK	72	4438	24,8	45,3	91,6	5,1/6,2	0,82	3-5(4,2)	4,4	
Speedy	S&G	61	5419	19,9	49,8	90,9	5,2/6,3	0,83	3-6(4,2)	4,2	
Speedy (TS)	"	305	4032	5,0	49,8	40,0	-	-	-	-	
Speedy (SS)	"	522	2846	51,2	53,2	73,3	-	-	-	-	
Speedy (SS <sub>2</sub> )	"	914	3510	9,0	36,9	58,0	-	-	-	-	
E 123 Tm	"	30	3610	22,1	56,8	87,8	4,7/5,6	0,84	3-6(3,5)	4,2	
Swift	STO	205	3031	1,6	25,0	100,0	5,3/6,0	0,88	3-6(4,5)	4,6	
Swift (SS)	"	574	2680	4,3	18,8	60,0	-	-	-	-	
WW 0111	WW	500	3633	9,3	29,8	67,4	4,4/5,6	0,79	3-5(4,0)	4,3	

TOMATO VARIETY TRIAL 1979 (continued)

Variety	Seed supplier	YIELD				FRUIT				
		Up to Aug.20 kg/daa	Total kg/daa	Class I	Class II	Weight in g Class I	Height/width in mm	Fruit shape index	Number of seed rooms	Refractometer value Ripe fruit
Sofia (TS)	LC	128	4141	4,5	33,0	56,7	-	-	-	-
Sofia (SS)	"	367	3013	6,3	57,1	66,6	-	-	-	-
Bonset	RS	29	2580	4,5	42,4	45,0	-	-	-	-

Replications: 4

Sown: February 2, top- and side shoot-cuttings were taken on April 2.

Rest sown: April 4

Planted: June 23

The first harvest: July 11

Plot size: 1,3 x 2,4 m = 3,12 m<sup>2</sup>

Plant number: 10

Between plants: 40 cm

Between rows: 40 cm (double rows)

Due to the cold an wet summer, harvesting was delayed and a large percent of the fruits were harvested green.

TOMATO VARIETY TRIAL 1979

Unheated polyethylene tunnel

Variety	Seed supplier	YIELD IN KG/DAA				Average fruit weight in grams Class I	Relative yield Class I
		Up to Aug.25	Total	% Class I			
				% Class I	% Class II		
Early Girl	BALL	2124	8120	41,0	39,0	98	219
Early Girl TS	"	1512	6835	33,3	48,1	89	151
1380/76 TmC4F	BRU	1294	7461	19,0	57,4	82	93
57 La M	CS	1024	4591	45,3	30,2	61	138
Harzfeuer	DSG	1249	5564	11,4	65,6	50	42
Harzfeuer TS	"	1741	5188	45,0	36,5	56	153
Compaty DBR 90 TmF	ENZA	1770	5230	41,0	30,5	52	142
Compaty TS	"	1791	6346	50,4	24,0	56	212
Dwarfy DGR TmF	"	3106	6950	30,0	50,3	52	136
Dwarfy TS	"	1715	6129	49,2	32,4	48	158
Booster	FM	1633	4756	3,1	46,1	54	8
Doton F <sub>1</sub>	OEK	1915	7421	26,0	52,5	96	100
Speedy	S&G	2797	9782	33,5	51,0	102	171
Speedy TS	"	1215	7977	31,0	42,5	104	128
Speedy SS <sub>1</sub>	"	3776	11607	44,0	41,4	98	266
Speedy SS <sub>2</sub>	"	2030	9350	34,4	44,0	98	168
E 123 Tm	S&G	1097	5872	23,0	53,3	84	70
Swift	STO	582	4428	7,0	38,3	85	15
Swift TS	"	1167	5481	4,4	28,3	79	13
W O111	WW	1473	6844	11,0	38,8	63	38

TOMATO VARIETY TRIAL 1979 (cont.)

Unheated polyethylene tunnel

Variety	Seed supplier	YIELD IN KG/DAA				Average fruit weight in grams Class I	Relative yield Class I
		Up to Aug.25	Total	% Class I	% Class II		
Bonset TS	RS	261	7931	18,0	55,0	76	74
Sofia TS	LC	952	6461	10,0	48,8	92	33
Sofia SS <sub>1</sub>	"	1426	8592	20,2	38,7	87	91
Sofia SS <sub>2</sub>	"	1899	11307	33,3	37,2	104	197
Count F <sub>1</sub>	PS	796	8311	28,0	48,4	116	86
Duke F <sub>1</sub>	"	886	8582	14,2	46,6	132	64
Monte Carlo F <sub>1</sub>	"	973	5890	12,0	37,6	249	52
Bush Beefsteak	STO	1115	4858	13,0	37,7	101	33
Crimsonvee VF	"	742	8346	19,0	53,3	153	82
Early Cascade VF	"	2139	7115	28,3	41,1	80	105

Replications: 0

Sown February 19. Top and side shoot-cuttings were planted April 2. The shoots were pinched over 2 permanent leaves, dipped in Seradix B, planted in 10 cm Vefi-pots.

The rest sown: April 4

Planted: June 18

First harvest: June 23

Plot size: 2,6 m<sup>2</sup>

Plant number: 10

Between plants: 40 cm

Between rows: 90 - 40 - 90 cm

Drip irrigation: Eventrickle

Fertilizer: Superba + Viking Ship Ca(NO<sub>3</sub>)<sub>2</sub>

SS: Side shoot

TS: Top shoot cutting

TOMATO OBSERVATION TRIAL 1979

In the open

Variety	Seed supplier	PLANT		YIELD KG/DAA		FRUIT	
		Normal (N) Bush (B) Half bush (HB)	Vigour 1-9	Up to Aug.20	Total	Shape Oblong (OB) Round (R) Oval (O)	Size Small (S) Medium (M) Large (L)
Duke F <sub>1</sub>	PS	B	5	-	1651	OB	M
Monte Carlo	"	N	8	-	3462	OB	L
Earlirouge	STO	HB	8	-	2881	O	L
Manitoba	"	B	6	-	1276	R	M
Quinte (Easy peel)	"	N	8	-	734	R	M
Scotia	"	B	7	-	3539	O	M
Sweet 100	"	N	9	355	2333	R	S Cherry
Veebrite VF	"	N	8	-	3405	R	M
Veepro	"	N	7	-	289	O	S
Veeroma VF	"	HB	6	-	1388	O	M
Veaset	"	N	7	-	2436	O	L
Sub Artic Delight	VG	B	4	724	1548	R	S

Unheated polyethylene tunnel

Count F <sub>1</sub>	PS	N	8	1463	4909	R	L
Duke F <sub>1</sub>	"	B	9	607	7152	O	L
Monte Carlo F <sub>1</sub>	"	N	10	2096	6926	OB	L
Bush Beefsteak	STO	N	5	404	4048	R	L
Crimsonvee F <sub>1</sub>	"	N	9	250	6955	O	L
Early Cascade VF	"	N	10	1327	5930	O	M

Replications: No

Sown: April 4

Planted May 25

Plot size: 1,3 x 2,4 m = 3,12 m<sup>2</sup>

Plants per plot: 10

Between plants: 40 cm

Between rows: 40 cm

TURNIP VARIETY TRIAL 1979

Unheated polyethylene tunnel

Variety	Seed supplier	% of total no. at first harvest	Number of saleable m <sup>2</sup>	Average plant weight g	% foliage of plant weight	Average root diam. mm	Root shape	Skin colour	Taste 1 - 9
Solanepe	A	5,9	33,4	211,5	69,4	52,9	fl	White +	6
	B	3,0	33,8	162,5	70,9	-		red top	
Rødhovet Force	A	2,4	48,3	259,5	66,1	61,3	fl-r	White +	6-7
	B	1,4	39,3	147,0	72,0	-		red top	
Express White	A	5,2	32,8	143,0	56,9	48,6	r	White	5-6
	B	4,3	73,8	115,0	54,1	-		White	
Tokyo Cross	A	17,6	4,9	251,5	65,4	56,0	r	White	5-6
	B	5,4	69,0	156,0	65,3	-		White	

Replications: 2

1. sown A: March 22

2. sown B: April 5-6

Harvested: May 18, 28, June 1, 6

Plot size: 0,9 m<sup>2</sup> - 140 plants

Between rows: 20 cm

Between plants: 7 cm

fl: flat

r: round