



# INFORMATION CIRCULAR

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SPECIAL PROJECT - VEGETABLE PRODUCTION  
IN THE SOUTH PACIFIC

by

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LIST OF VEGETABLE VARIETIES CURRENTLY RECOMMENDED FOR CULTIVATION IN  
CERTAIN PACIFIC ISLANDS

The special project on vegetable production is now under way and the various territories are shortly to receive samples of seeds for testing. I therefore feel it is the right time to distribute this Information Circular.

It includes the lists of species and varieties of vegetables currently recommended for cultivation in many Pacific territories. They are neither restrictive nor exhaustive but contain information which I feel ought to be circulated since they can serve as a basis for future work. In fact, the list of varieties recommended in the New Hebrides, for instance, contains very interesting information on how these are adapted to local conditions, their reaction to storage and transport, and even their organoleptic qualities.

I thought it useful to include before the lists of vegetable varieties, addresses of firms which sell seeds of vegetables suitable for tropical countries. This should not of course be taken as an attempt at publicity for the list of addresses is not restrictive either.

I wish to thank all my colleagues who gave me the information I requested thus enabling me to prepare this information document.

I - LIST OF FIRMS SELLING SEEDS OF VEGETABLES SUITABLE FOR TROPICAL COUNTRIES

Australia

- Anderson Seeds Ltd.  
90, Parramatta Road  
P.O. Box 30  
SUMMER HILL, N.S.W.

Arthur Yates  
391, Martagne Road  
West-End  
BRISBANE - 4101 Queensland

France

- Blain Fils aîné  
Boulevard Pierre Brossolette  
84 - AVIGNON

Clause  
91 - BRETIGNY-SUR-ORGE

J.P. Gauthier et Fils  
13 - EYRAGUES

Graines Tezier Frères  
B.P. 223  
26 - VALENCE-SUR-RHONE

Georges Truffaut  
B.P. 120  
78 - VERSAILLES

Japan

- Fusita Seed Company Ltd.  
P.O. Box 211 Osaka C.  
98 UMEBACHO

Takii Seed Company Ltd.  
Kyoto Central  
P.O. Box 7  
KYOTO

New Zealand

- Arthur Yates  
Lower Albert Street  
G.P.O. Box 1109  
AUCKLAND

Philippines

- B.M. Domingo and Co. Inc.,  
414 Padre Rada St.  
Divisoria Area, MANILA

United Kingdom

- Sutton Seeds  
Reading, Berkshire

United States

- W. Atlee Burper Company  
P.O. Box 748  
RIVERSIDE, California 92502
- Dessert Seed Company  
EL CENTRO, California
- Ferry Morse Seed Company  
MOUNTAIN VIEW, California 94040
- Fukuda Seed Store  
1079 River Street  
HONOLULU, Hawaii
- Peto Seed Company  
P.O. Box 4206  
SATICOY, California 93003

Taiwan

- Known-you Nursery and Seed Production Co. Ltd.  
26 Chung-Cheng 2nd Road  
KAOHSIUNG  
Taiwan - Republic of China

## II - LIST OF VEGETABLE VARIETIES CURRENTLY RECOMMENDED FOR CULTIVATION IN CERTAIN TERRITORIES OF THE PACIFIC ISLANDS

American Samoa

- Beans : Topcrop (H)  
Hawaiian climbing
- Tomatoes : N. 11 Hybrid (H)  
Healani (H)  
Kalohi (H)  
Haes 7526m (H)

- Cucumbers : Lehua Hybrid
- Lettuce : Green Mignonnette  
Anuenue  
Imperial 847 (Y)
- Bell Peppers : Yolo Wonder
- Onions : Mullplying (local)
- Green Cabbage : KY Cross (T)  
KK Cross (T)
- White Radish : Chinese 45 D  
Summer Cross (T)
- Radishes : Cherry Belle
- Egg-plant : Black Torpedo (T)  
Waimanalo Long (H)

Note: : (H) = Hawaii  
(T) = Takii Seed

#### Cook Islands

- Dwarf Beans : Contender  
Golden Wax  
Top Crop
- Pole Beans : Mangere Pole  
Market Wonder  
Yard Long  
Empire State
- Peas : Manoa Sugar  
Earlycrop
- Green Cabbage : Golden Acre  
Jubilee Hybrid  
Drumhead  
Express Cross 60

- Chinese cabbage : Wong Bok  
Pak Choi
- Lettuce : Anuenue  
Mignonnette  
Imperial 847
- Carrots : Chantenay Red  
Yates Topweight
- Onions : Awahia  
Tropic Brown
- Green onions : Evergreen Bubching  
White Lisbon
- Bell Peppers : Yolo Wonder  
Ace  
New Ace
- Tomatoes : N. 69  
V.F. Hybrid  
Floradel  
Roma
- Cucumbers : Supermarket  
Southern Cross

### Fiji

- Dwarf beans : Contender  
Top Crop
- Pole beans : Mangere Pole  
Snake Bean, Green
- Beetroot : Early Wonder Tall Top
- Bell Peppers : Hybrid  
Ace Hybrid  
Yolo Wonder

- Chinese cabbage : Pak Choi Kwang Moon
- Green cabbage : Hybrid M.S. Cross  
Hybrid K.K. Cross  
Early Yoshi Summer  
Succession  
Green Stone Hybrid  
All Seasons  
Market Hybrid
- Carrots : Selection 198  
Chantenay Red Cored  
Western Red  
New World
- Cucumber : Hybrid Lehua  
Supermarket  
Hibiscus Hybrid
- Egg-plant : Kuruma Long Purple  
Kumamoto Long Purple  
Early Long Purple
- Lettuce : Anuenue  
Laupili  
Imperial 847
- Zucchini's : Black Zucchini
- Okra : Clemson Spineless  
Local Long White
- Onions : Awahia  
Early Grano Brown (Texas)
- Chilli : Long Red Cayenne  
Local A. Long Thin
- Turnips : Select Hollow Crown
- Pumpkins : Queensland Blue  
Hybrid Taichung

- Radishes : Japanese Wakayama Market  
Summer Cross  
Chinese White Tropical
- Melon : Yates Rock Hybrid  
Gulf Stream  
China Hybrid
- Spinach : New Zealand
- Sweet Corn : Hybrid Sweet Corn  
Golden Cross Bantam
- Tomatoes : Floradel  
Roma  
Bounty  
Wilt Resistant No 2, A.S.S.
- Water-Melons : Charleston Grey  
Sugar Baby

#### New Caledonia

Results obtained in 1972 in the Bourail-Nessadiou Centre de recherche et d'expérimentation agronomique.

The following varieties are listed in the order in which they are classified:-

- Tomatoes
  1. Fuluh Hybrid
  2. Persimon
  3. Hybrid no 69
  4. T.S.S. 160
  5. Farmer's Wonder No 4
  6. Horoky
  7. T.S.S. 158
  8. Shinfu Hybrid No 1
- Cucumber
  1. Northon Delight
  2. Tokowa Natsufushi
  3. Aonaga Jihrai
  4. House King
  5. Long Green
  6. Giant Climbing
  7. Southern Cross
  8. New Market No 2

- Cauliflowers
  1. Hahuko 45
  2. Nosaki Wase
  3. Snow King
  4. Early Autumn
  5. Green No 18
  6. Farmers Medium Early
  7. Snow Queen
  8. Snowball A.
  
- Onions
  1. Extra Early Kaizuka
  2. E.G.
  3. E. No 2
  4. Awahia
  
- Green cabbage
  1. K.K. Cross
  2. Shyachiou Hybrid
  3. Chuenchiou Hybrid
  4. Aozova
  5. Y.R. 33
  6. A.S. Cross
  7. Express Cross 60
  8. Sanjih Hybrid

Note: The 1972 report of the Centre de recherche et d'expérimentation agronomique stresses that "three varieties of onions: Extra Early Kaizuka, E.G. and E.No 2 gave exceptionally good results, while all attempts made hitherto with standard varieties had failed.

#### New Hebrides

The list covers various regions and contains many comments on the different varieties.

#### - Efate Island (Tagabe Station and School)

- Beans
 

: Pole bean Manoa Wonder (Hawaii)	Good
Dwarf Bean Contender (Yates)	Very good
  
- Tomatoes
 

: Healani (Hawaii)	Very good
Kalohi (Hawaii)	Good



- Cucumbers	: Hybrid Cucumber Lakua (Hawaii)	Good
	: Super Market (Yates N.Z.)	Very good
- Melons	: Cantaloup délice de la table (Vilmorin)	Good
- Water-melons	: Charleston Gray (Andersons Aust.)	Very good
- Chinese Cabbage	: Chi Hi Li (Andersons Aust.)	Good
	: Wong Buk (Andersons Aust.)	Very good
	: Pak Choi Kwang Moon (Hawaii)	Good
- Carrots	: Selection 198 (Yates)	Good
	: Early Nantes (Andersons Aust.)	Good
- Lettuce	: Anuenue (Hawaii)	Good
	: Manoa (Hawaii)	Good
	: Lachaume (Vilmorin)	Very good
	: Mignonnette Red (Andersons Aust.)	Very good
	: Great Lakes (Andersons Aust.)	Very good
	: Brown Mignonnette ( " " )	Very good
- Bell Peppers	: Yolo Wonder (Yates, N.Z.)	Very good
- Onions	: Crystal Rocket (Yates, N.Z.)	Good
- Green Cabbage	: Rouge Gros (Vilmorin)	Good
	: Early Drumhead (Yates, N.Z.)	Good
	: Succession (Andersons Aust.)	Very good
	: Market Hybrid (Yates, N.Z.)	Very good
- Leeks	: Long de Nice (Vilmorin)	Very good
	: Mussel Bourgh ?	Very good
- Egg-plant	: Monstrueuse de New York (Vilmorin)	Very good
	: Early Long Purple (Yates, N.Z.)	Good

Note - Cultivation of all the above varieties takes place from April/May to October/November. Out-of-season vegetable production problems were tackled by the Tagabe Station (sowing under shelter of plastic-boards between October and December). Although one year's experimentation work is insufficient to draw any conclusions it appears that carrots, leeks, French beans and melons could be cultivated in this way, although tomatoes and lettuce would present more difficulties.

- Malekula, Ambrym, Pentecote Islands

The following varieties gave good results in the Lakatoro Station, and in school gardens set up in this district under the control of the Department of Agriculture.

- French Beans : Dwarf Contender
- Green Cabbage : Succession  
Jubilee Hybrid
- Chinese Cabbage : Pak Choi Kwang
- Carrots : Topweight  
Chantenay
- Cucumbers : Super Market  
Polaris
- Egg-plant : New York Purple
- Lettuce : Red Mignonnette  
Aloha  
Yatesdale
- Zucchini's : Green Bush
- Water-Melons : Sugar Baby
- Melons : Hales Best
- Okra : Long Green (Bhindi)
- Onions : White Lisbon (Spring)  
Texas Early Grand  
Tropical Brown
- Parsley : Triple Curled  
Plain Leaf
- Bell Peppers : Yolo Wonder
- Chilli : Long Red Cayenne
- Radishes : Chinese - Long White  
European - Stoplight

- Tomatoes : Red Cloud  
Healani  
Fire Ball

- Tanna and Southern Islands (Ysangel Station)

- Beans
  - Contender (Yates) : Good quality, rapidly growing, high yielding, resistant variety.
  - Golden Wax (Yates) : Very popular, fine quality, high yielding, stringless butter beans.
  - Roi des Beurres (?) : Very good, high yielding, very resistant early variety.
  - Gold Finger (Yates) : Very high yielding climbing variety; gains in strength and grows very rapidly. Commercially of little interest.
- Tomatoes
  - Grosses Lisses (Yates) : Good variety. Yield is fairly good, fruits are well graded and fructification is rapid. Liable to alternaria and anthracnose.
  - Red Cloud (Yates) : Very good, high yielding variety.
  - Hybrid FR No. 1 : Low average results.
- Cucumbers
  - Supermarket (Yates) : Good yielding, well graded variety.
  - Moneymaker (Yates) : Good quality variety with acceptable yield.
  - Hybrid Lehua No. 1 (Hawaii) : Good variety.
  - Kyoto Three Feet (Takii's Seed) : Good variety large size vegetable.
- Melon
  - Hales PMR 45 (Yates) : Very good, very high yielding variety (large size (2 kg) vegetables).
- Chinese Cabbage
  - Wong Bok (Yates) : Excellent high yielding variety.
- Carrots
  - Topweight (Yates) : Very good high yielding variety.

- Lettuce
  - Longue de Chantenay (Yates) : Well graded high yielding variety.
  - Mignonnette Green (Yates) : Very resistant small-sized lettuce; cabbages easily; liable to heavy rain.
  - Reine des Glaces (Vilmorin) : Excellent, early growing variety with a very fine head. Stands transportation well (crisp lettuce). One of the best varieties.
  - Laitue du Bon Jardinier (Le Paysan) : Very high quality, very tender high yielding lettuce; liable to transportation.
  - Anuenue (Hawaii) : Bad results. Easily runs to seed and has difficulty cabbaging.
  - Tom Thumb (Yates) : Low average results.
  - Green Curled (Yates) : Very good quality high yielding rather slow-growing endive.
- Bell Peppers
  - Large Bell (Yates) : Very good high yielding, very resistant variety.
  - Hybrid Pepper Ace (Takii) : Good variety; gives rather small peppers.
- Onions
  - Tropic Brown (Yates) : Excellent high yielding variety; bulbs easily; good resistance to storage.
  - Violet de Californie (Yates) : Good variety; not as early as Tropic Brown; good appearance; acceptable yield.
- Cabbages
  - Succession (Yates) : Very high yielding; cabbages easily; one of the best varieties.
  - Express (Le Paysan) : Excellent medium-sized head variety; fine appearance; very early growth; excellent marketing value.

- Leeks : Musselburgh (Yates): High yielding,  
very good large-size variety

- Middlebush Station

- Beans : Longjohn (Yates)  
Topcrop (Yates)
- Tomatoes : Montfavet H 63/5 (Vilmorin)  
Marglobe (Vilmorin)  
Hybrid Fukujyu Large Type  
Saint-Pierre (Vilmorin)
- Lettuce : Tropical Butter (Yates)  
Great Lakes (Yates)  
Yates Dale (Yates)
- Cabbages : Chou de Milan gros des Vertus (Vilmorin)  
Gloire d'Automne (Vilmorin)  
Early Drumhead (Yates)  
Jubilée Hybrid F.1 (Yates)  
Succession (Yates)
- Onions : Tropic Brown (Yates)  
Californian Red (Yates)
- Carrots : Longue de Chantenay (Yates)  
Topweight (Yates)

Niue

- Beans : Market Wonder
- Tomatoes : Crosse Lisse  
Master No 2  
Master No 5  
Takii F.R. No 1  
Tatura Dwarf
- Cucumbers : Northern Delight  
Crystal Apple
- Carrots : Topweight

- Water-melons : Candy Red
- Lettuce : Great Lakes) (Cool season)  
Pen Lake )  
Mignonnette (Warm season)
- Green cabbage : Early Drumhead  
Express Cross 60  
K.K. Cross  
R.A. Cross  
K.Y. Cross
- Chinese cabbage : Wongbok

### Tonga

- Cucumbers : Fi Hybrid Gemini 7
- Water-melons : Candy Red  
Sugar Baby  
Congo
- Beans : Cherokee Wax  
Pencil Pod Black  
Contender  
Seminole  
Wondergreen
- Lettuce : Green Mignonnette  
Anuenue  
Great Lakes
- Onions : Texas Early Grano 502  
Early Lockeyer Brown  
Red delight  
Texas Yellow Grano 502
- Bell peppers : Yolo Wonder  
California Wonder  
Wonder Giant
- Chinese cabbage : Wong Bock  
Tropicana

- Carrots : Scarlet Nantes  
Danvers 126  
Chantenay Red core  
Topweight  
Manchester Table  
Imperator
- Green cabbage : K.Y. Cross  
K.K. Cross  
N.S. Cross  
Express Cross  
G.O. Cross  
R.I. Cross
- Tomatoes : Indian River  
Grosse Lisse  
Money Maker  
Floradel  
Kalohi  
N - 11  
N - 65

Trust Territory of the Pacific Islands -  
Mariana Islands

- Chinese cabbage : Saladeer  
Tropicana
- Green cabbage : Summer Stride  
Express 60
- Egg-plant : Long Beauty ) (Long type)  
Waimanalo )  
Round Black Beauty
- Bell peppers : Emerald Giant  
World Beater
- Okra : Clemson Spineless
- Tomatoes : N-Variety  
Floradel
- Radishes : Comet (red)

- Cucumbers : Gemini  
Palomar D.M.R.  
Poinset  
Tex-Long
  - Melon : Gulfstream
  - Water-melons : Sugar Baby  
Black Diamond (yellowbelly)  
Charleston Gray 133
  - Sweet Corn : Silver Queen  
H.68
  - Beans : Kentucky Wonder
  - Onions : Nebuka  
Ishikura Long White
-