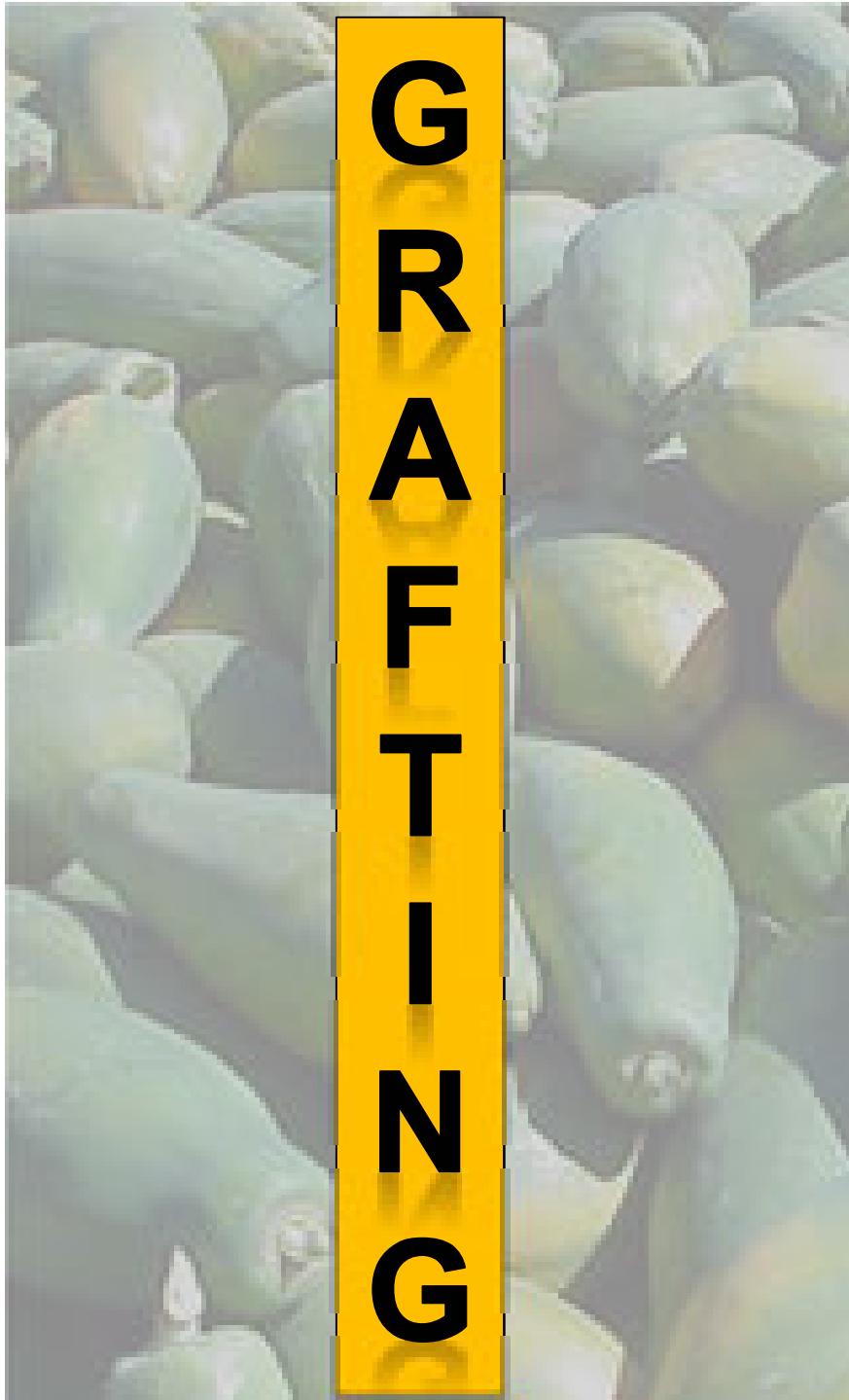


GRAFTING





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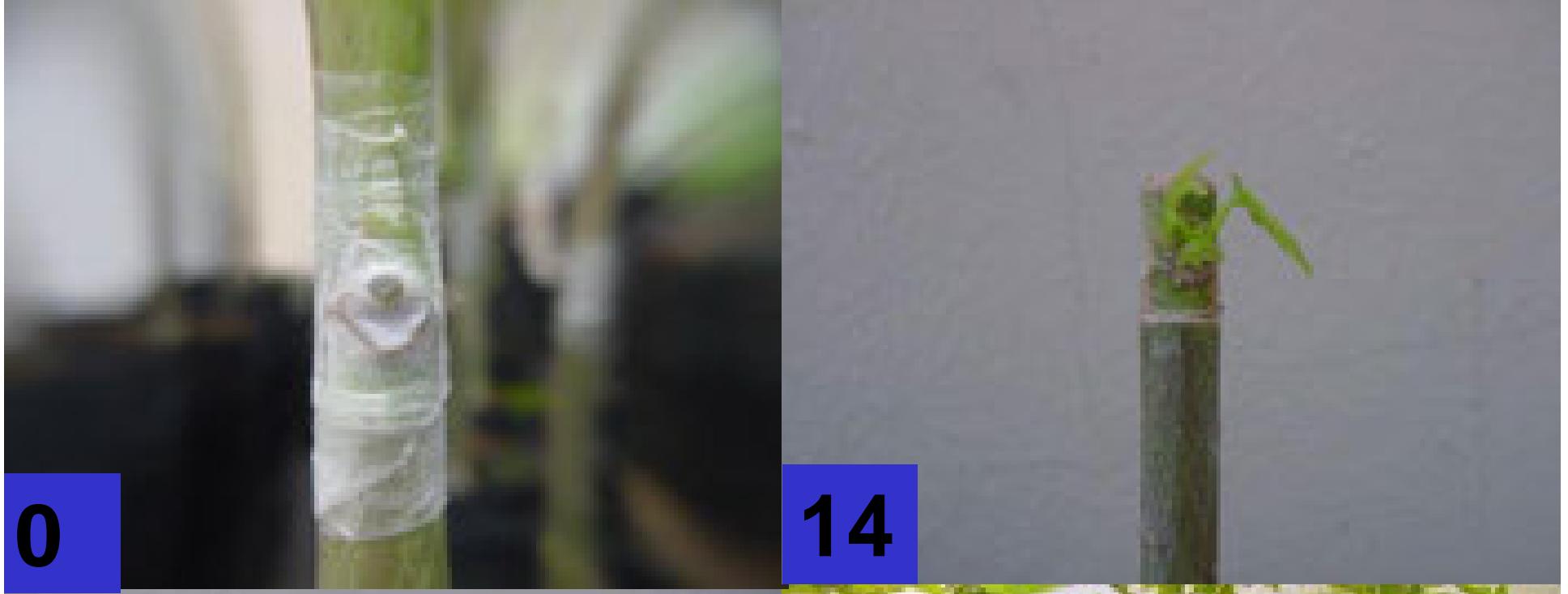
10



30



120

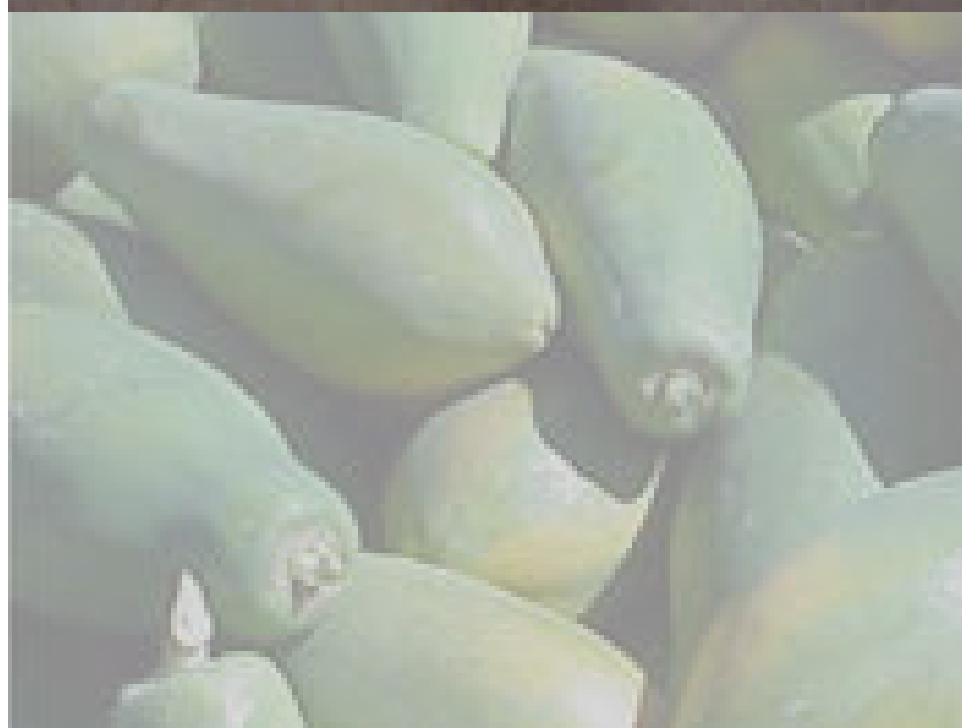




Prof. Masayuki Oda – Osaka Prefecture University















Tainung 01 x F₂ Tainung









Tainung 01 x *Carica califlora*



7 - 8 MONTHS
Chapada do Apodi
Ceará



PANCOTI VIVEIRO DE MUDAS – Hidrolândia - GO



PANCOTI VIVEIRO DE MUDAS – Hidrolândia - GO



PANCOTI VIVEIRO DE MUDAS – Hidrolândia - GO



PANCOTI VIVEIRO DE MUDAS – Hidrolândia - GO



PANCOTI VIVEIRO DE MUDAS – Hidrolândia - GO





PANCOTI VIVEIRO DE MUDAS – Hidrolândia - GO

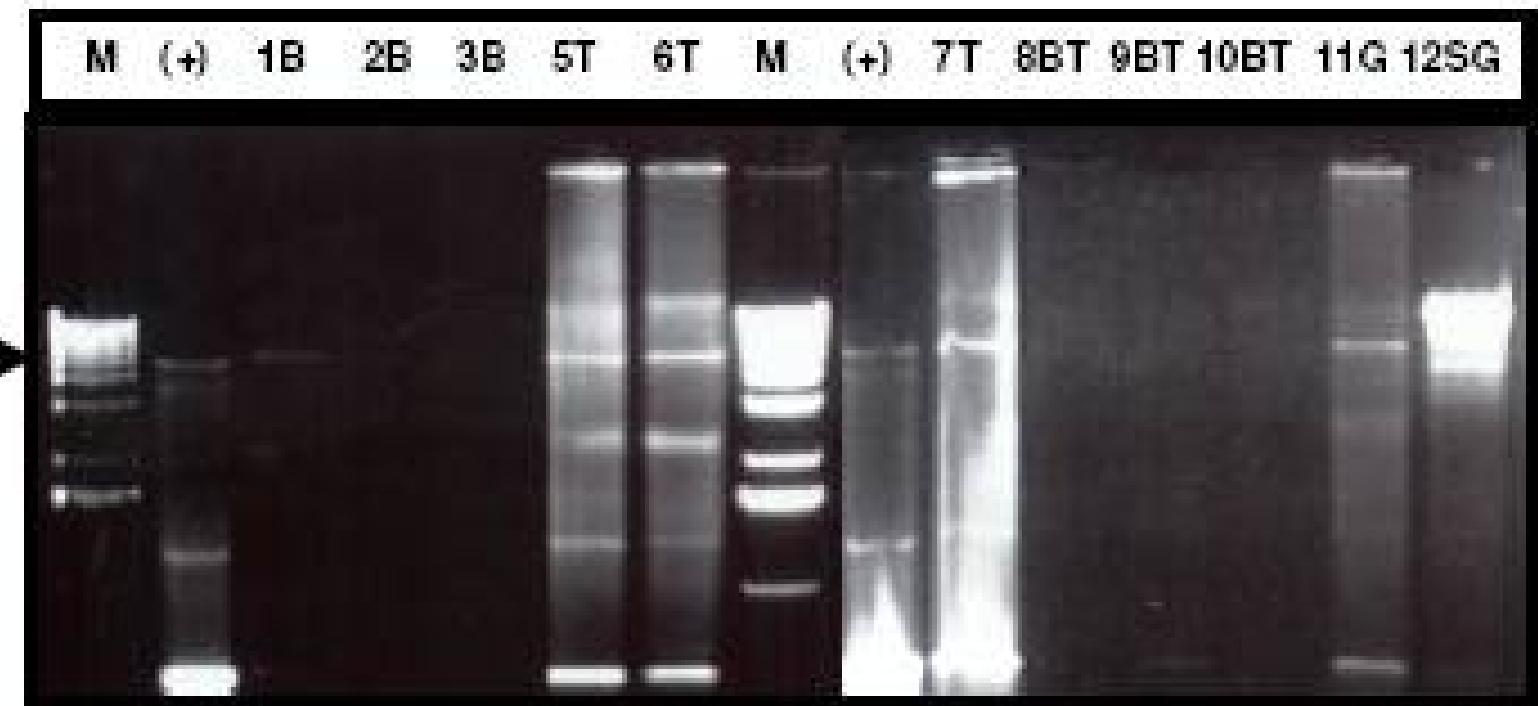


Figura 1. Detecção de molécula de dsRNA de melaleira segundo protocolo #1 descrito em Tavares et al. (2004). Seta indica posição aproximada do fragmento de dsRNA.

Mass propagation of papaya by grafting in Hainan, China – January 2008
10 ha planted with grafted papaya





PANCOTI VIVEIRO DE MUDAS – Hidrolândia - GO



PANCOTI VIVEIRO DE MUDAS – Hidrolândia - GO



PANCOTI VIVEIRO DE MUDAS – Hidrolândia - GO



PANCOTI VIVEIRO DE MUDAS – Hidrolândia - GO

NOVEMBER 2007



UNIVERSIDADE FEDERAL DE GOIÁS – Goiânia - GO

NOVEMBER 2007



UNIVERSIDADE FEDERAL DE GOIÁS – Goiânia - GO

JANUARY 2008



UNIVERSIDADE FEDERAL DE GOIÁS – Goiânia - GO

JANUARY 2008



UNIVERSIDADE FEDERAL DE GOIÁS – Goiânia - GO



GOLDEN - MAY 2008

GRAFTED

SEEDLING

UNIVERSIDADE FEDERAL DE GOIÁS – Goiânia - GO



UNIVERSIDADE FEDERAL DE GOIÁS – Goiânia - GO



GRAFTED

SEEDLING

UNIVERSIDADE FEDERAL DE GOIÁS – Goiânia - GO



BARRETOS - SP





Papaya (*Carica papaya* L.) Crown Substitution of Female Plants for Hermafrodite Ones through Lateral Grafting under Field Condition.





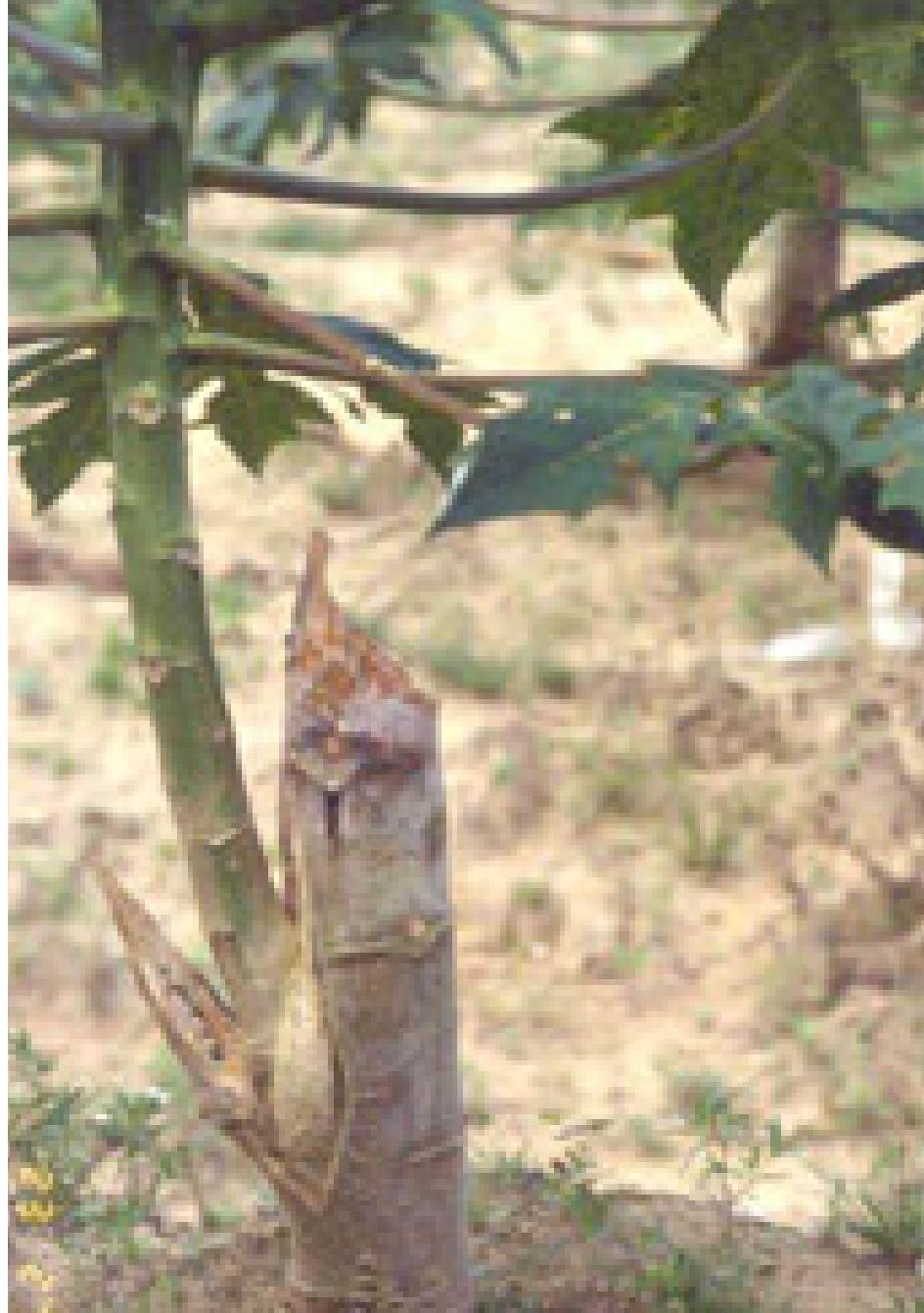
✓ In Malaysia growers side graft hermaphrodite scion material to female papaya trees to get 100% of hermaphrodite trees in a seed propagated block.



**Side-grafting after sexing
to change female plant to
hermafrodite one**



**Two months after grafting
remove the top of female
plant above the graft union**



Four months after grafting



Topworked female trees
bearing hermafrodite fruits



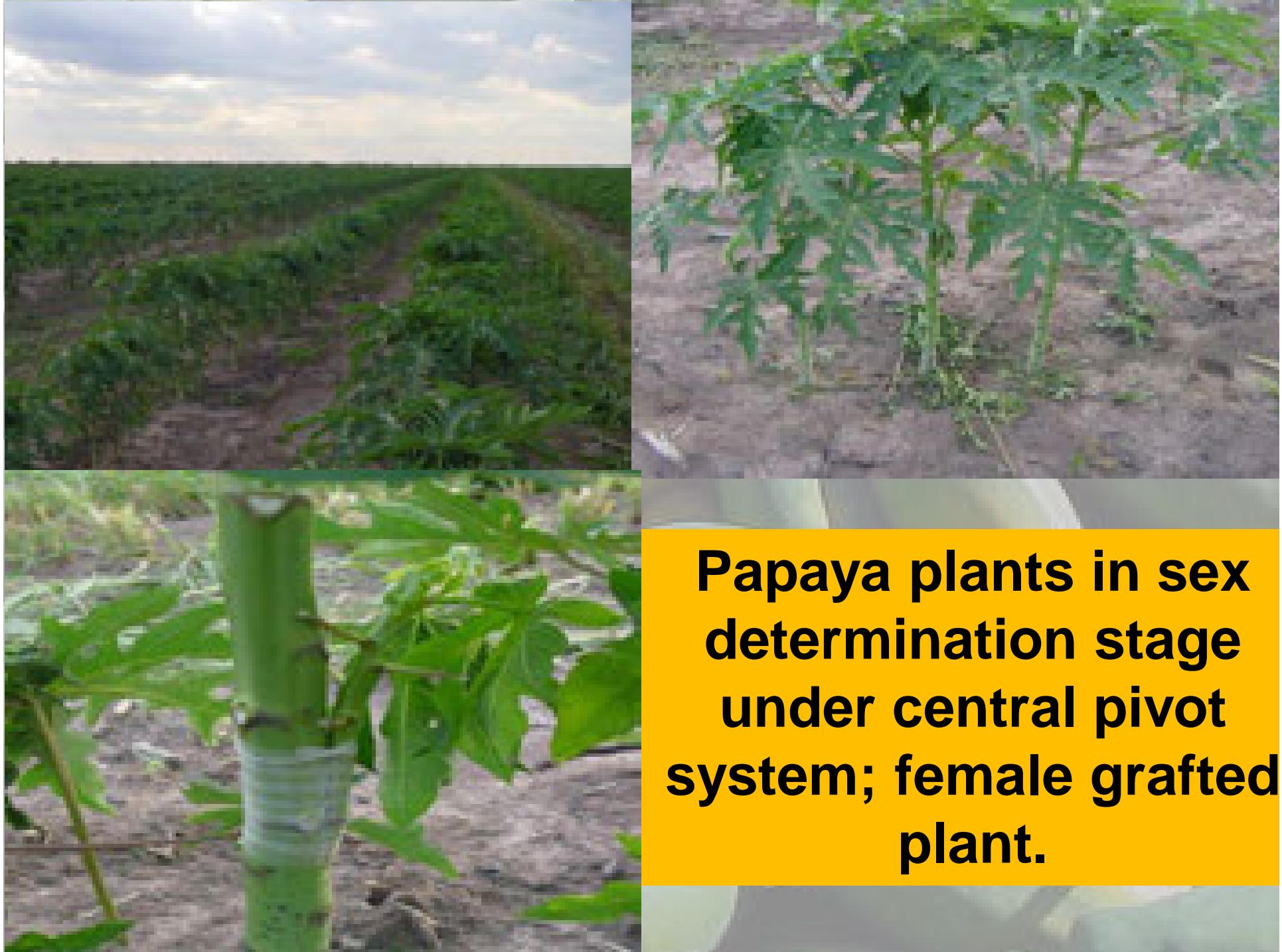
AGRONOL - Luis Eduardo Magalhães - BA



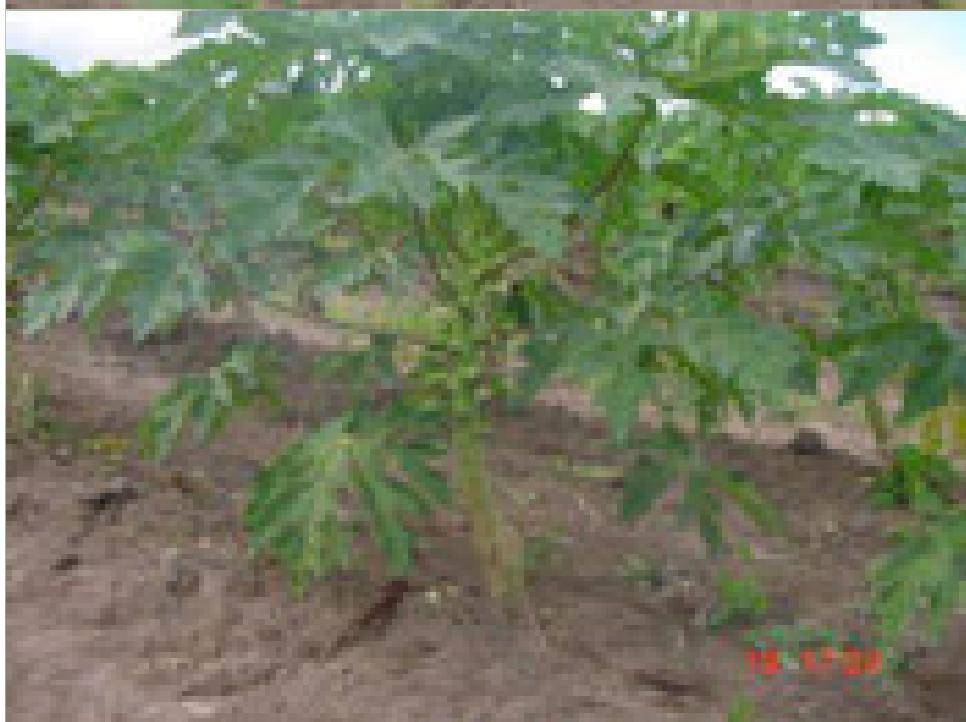
**Gathering of lateral
sprouts in
hermaphrodite plants
for grafting**



**Lateral cleft
grafting technique.**



Papaya plants in sex determination stage under central pivot system; female grafted plant.



**Development of
grafted plants
30, 60 and 90 days
after grafting.**



**Bello Fruit
Mucuri - BA**



Bello Fruit – Mucuri - BA



Bello Fruit – Mucuri - BA

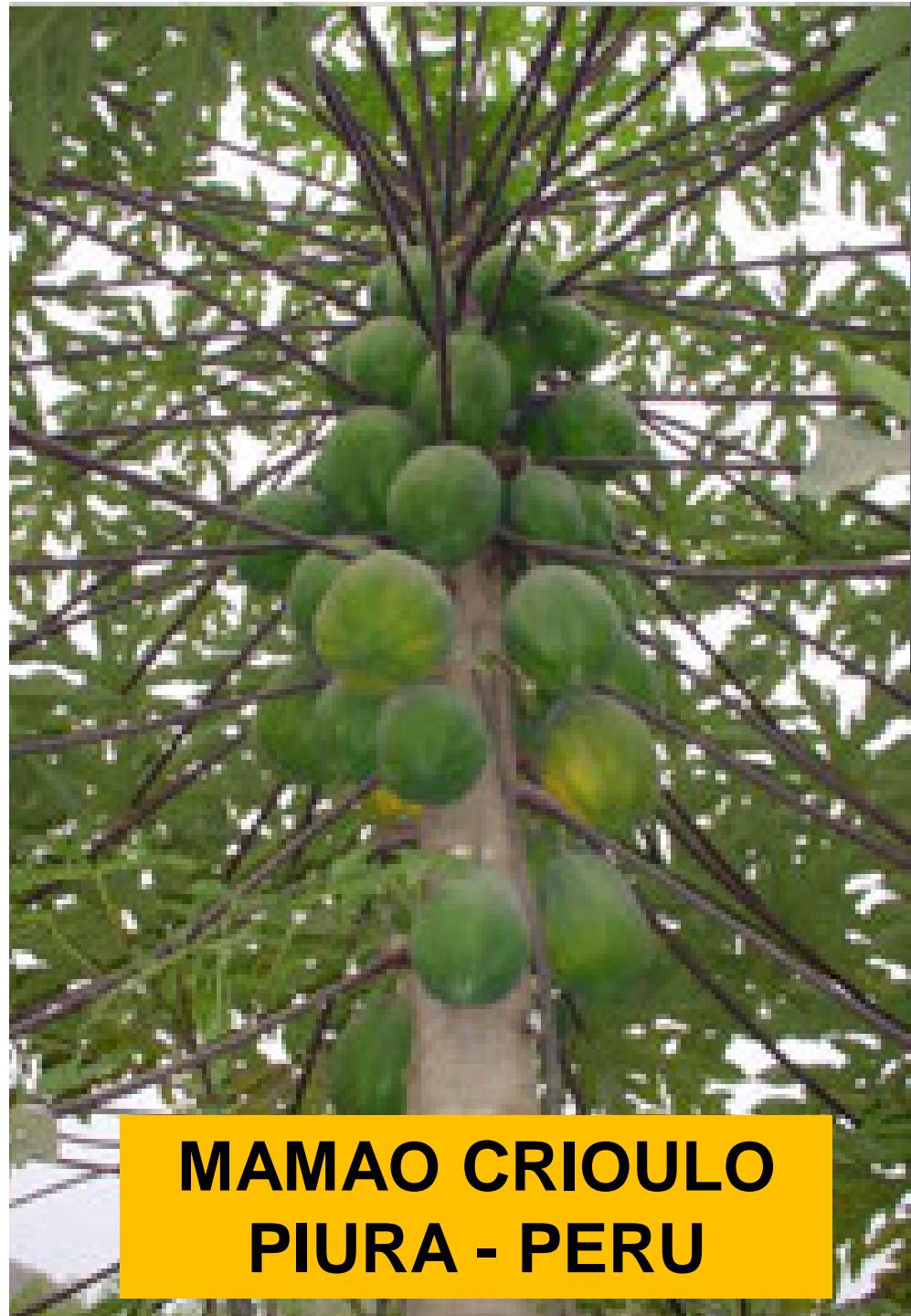


Bello Fruit – Mucuri - BA



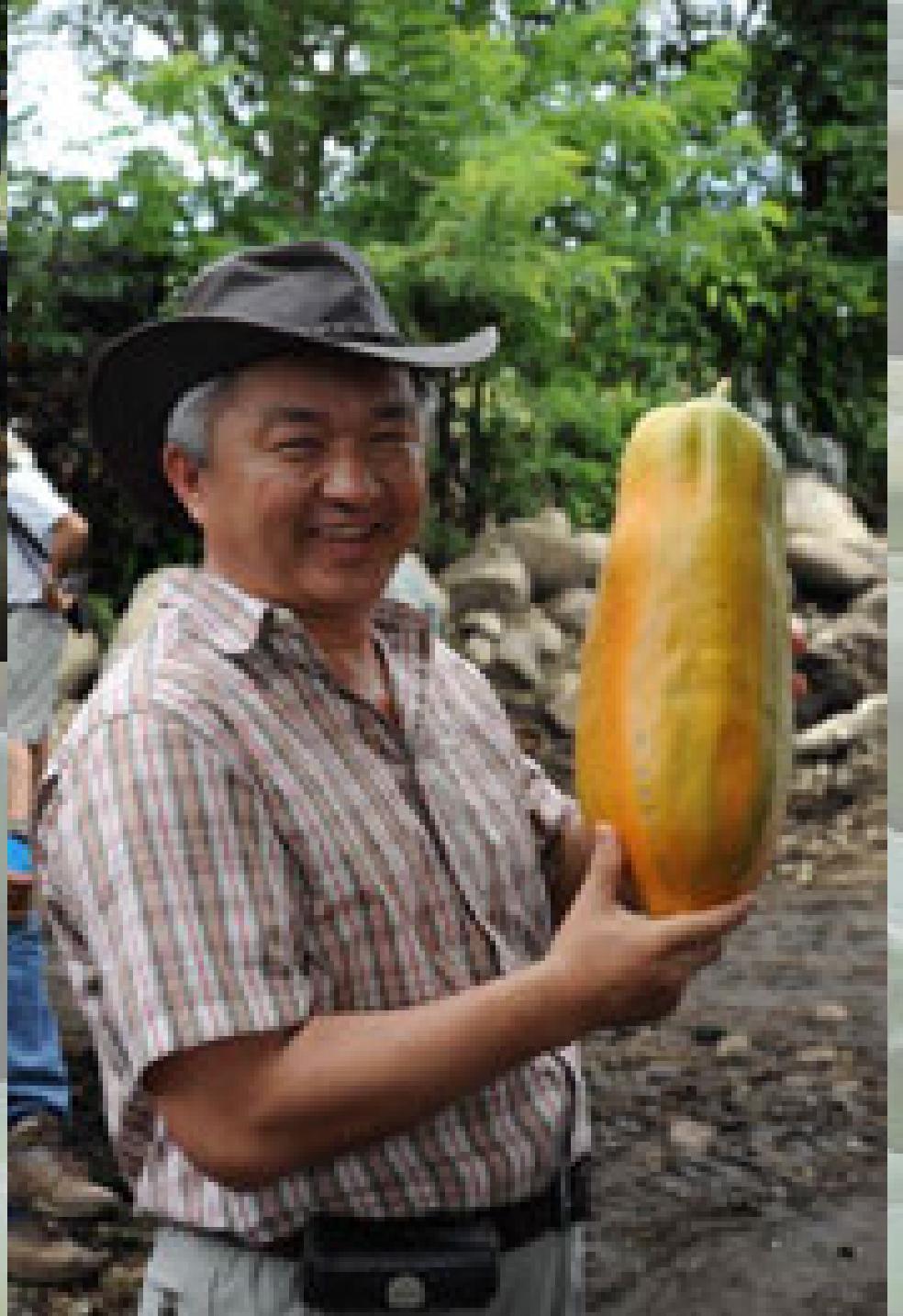
Bello Fruit – Mucuri - BA





**MAMAO CRIOULO
PIURA - PERU**





**MAMÃO CRIOULO
COSTA RICA**

PAPAYA VARIETY GUIDE

Variety name: 18

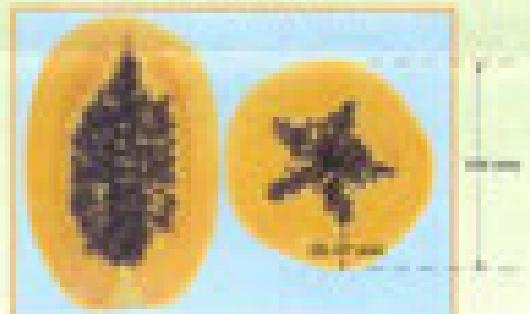
Fruit, leaves & flowers



Fruit, leaves & flowers



Anatomical features



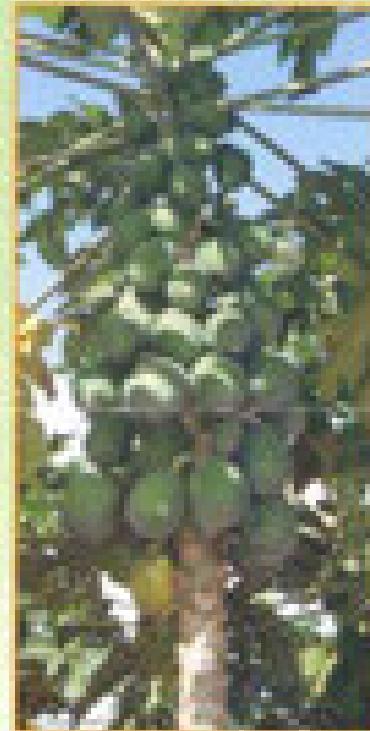
Source:
DPI

For more information on papaya varieties contact:
Queensland Department of Primary Industries
GPO Box 12300, Brisbane Qld 4000. Telephone (07) 3212 2000.

PAPAYA VARIETY GUIDE

Variety name: 18

Type:	Flower
Flowers:	Male & female
Flower colour:	White/yellow
Flower odour:	Strong
Flower colour characteristics:	Orange/red
Flowers:	Individual
Flowering:	Year-round
Flower density:	High
Flower density:	Low
Flower density:	Moderate
Flowering period:	0-12 months
Flower weight (large):	100-200 grams
Flower weight (small):	100 grams
Flower colour (male):	White
Flower colour (female):	Yellow

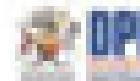
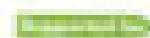


Characteristics

Smooth-skinned and sweet-tasting Papaya variety, often eaten raw.
Smooth skin of ripe fruit can be peeled.

Other notes

This variety can self-fertilise and is suitable for dryland production.
However, it requires pollination. Bees or flying insects bring pollen from other trees to assist with pollination. Commercial beekeepers are available to rent hives for pollination.



PAPAYA VARIETY GUIDE

Variety name: 11B

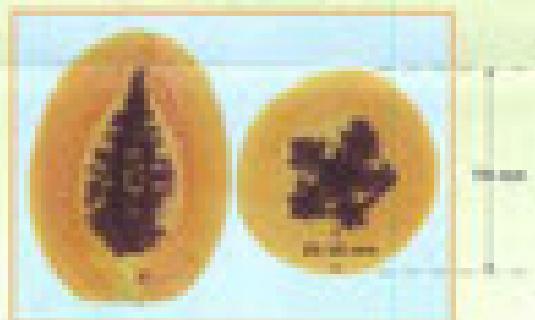
Fruit colour at harvest time:



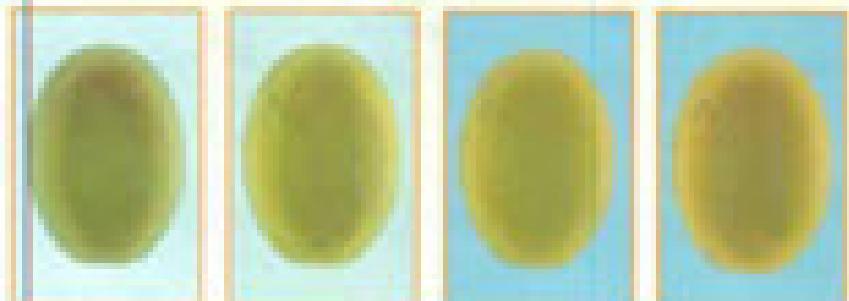
Fruit colour at harvest:



Harvest time period:



Season:



The main information about this variety comes from:
Department of Primary Industries, Tasmania, Australia
Tasmania's State Government department for agriculture, fisheries and mining.

PAPAYA VARIETY GUIDE

Variety name: 11B



Type:

Floral

Variety
name & code:

11B (11B)

Site type:

Shade

Plant colour:

Orange-yellow

Flower shape:

Large

Flower colour/pattern:

White

Flowers:

Flowering continuous

Bloom time:

10 AM

Bloom:

10 AM

—

10 AM

Flowering year:

2002

Last flowering 10 AM season:

2002

Plant height range:

100-150 cm

Average fruit weight:

100 gms

Culture needs:

Medium

Plant authority:

Department of Primary Industries and Energy

Characteristics/Features

Autumn fruiting, can withstand temperatures down to -10°C.
Sensitivity to frost varies considerably, requires some frost-free location.
Fruit has very good taste, sweet, juicy, slightly tart, slightly bitter.
Fruit has good shelf life, can be stored for up to 1 month, compared to other flowering varieties.

Other notes

Only fruiting in autumn makes it easy grafting and grafting.

High crop production.

Good resistance to common papaya diseases such as papaya ringspot virus.

11B is a self-pollinating variety with other flowering later varieties.

Flower 10 AM, blossom open by 10 AM.





MAMAO CHILENO
SERENA - CHILE



Mrs. Michika Tamashiro

Ishigaki Papaya Research Center





Prof. Tetsushi Hidaka
Kagoshima University

Mass-production of papaya saplings using shoot-tip culture for commercial use
South Pacific Studies
Vol. 28, No. 2, 2008





**Dr. Kiyoshi Ozawa – JIRCAS
Ishigaki – Okinawa - Japan**













試食に使われた石垣島産
野菜パセイアの商品

野菜炒め用 サラダ用
千切り 平切り

石垣島のパセイア生産技術は、他の
各島で採用された。この技術により、石垣島
のパセイアは毎年輸出額が増加する事になっ
た。











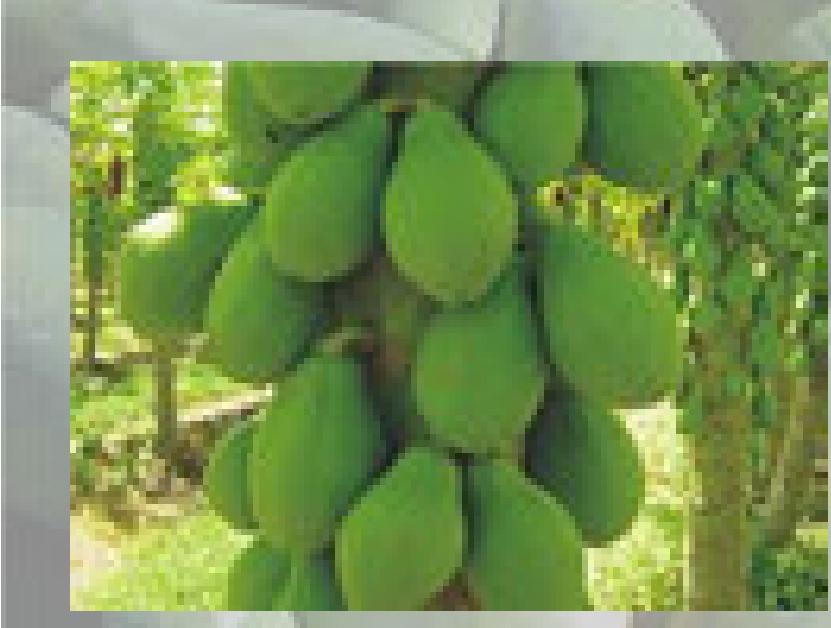






VARIEDADES

CULTIVARES DO GRUPO ‘SOLO’





'SUNRISE SOLO'



'SUNRISE SOLO BS'

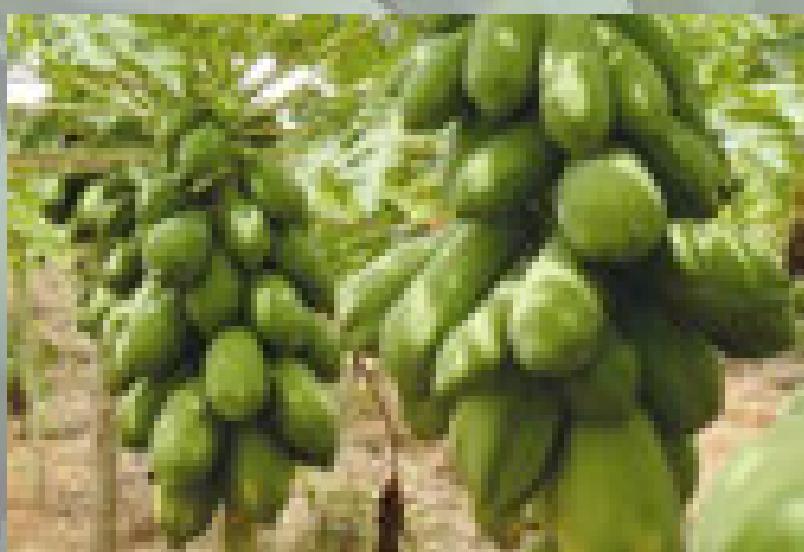


A collage of images illustrating the growth and packaging of 'GOLDEN THB' mangoes. The top image shows a dense cluster of green mangoes on a tree. The bottom-left image shows a bunch of green mangoes hanging from a branch. The bottom-right image shows ripe mangoes in a wooden shipping box, some with red stickers.

**'GOLDEN
THB'**



HIBRIDOS DO GRUPO 'FORMOSA'





TAINUNG 01













A collage of images related to papaya production and processing:

- Top left: A person working at a circular metal detector machine.
- Top right: A stack of blue shipping containers.
- Middle left: A box of "Papaya Fresh" fruit.
- Middle right: A whole papaya and a halved papaya showing its red flesh and black seeds.
- Bottom left: Two whole papayas.
- Bottom right: Two halved papayas showing their internal structure.

AS VANTAGENS

O IC芙蓉果 apresenta as seguintes vantagens:

- Qualificação da frutificação;
- Fruta com massa de 1,0, 1,5;
- Maior aproveitamento da fruta para o mercado interno;
- Peso mínimo de 1,0 kg;
- Ecológico.











Linhagen 6



Linhagen 14



Linhagen 9



UENF

Universidade Estadual do Norte Fluminense Darcy Ribeiro



agrocinco

seeds of value



sementos
seeds
semillas
frutas ecológicas
fruits







MÉXICO



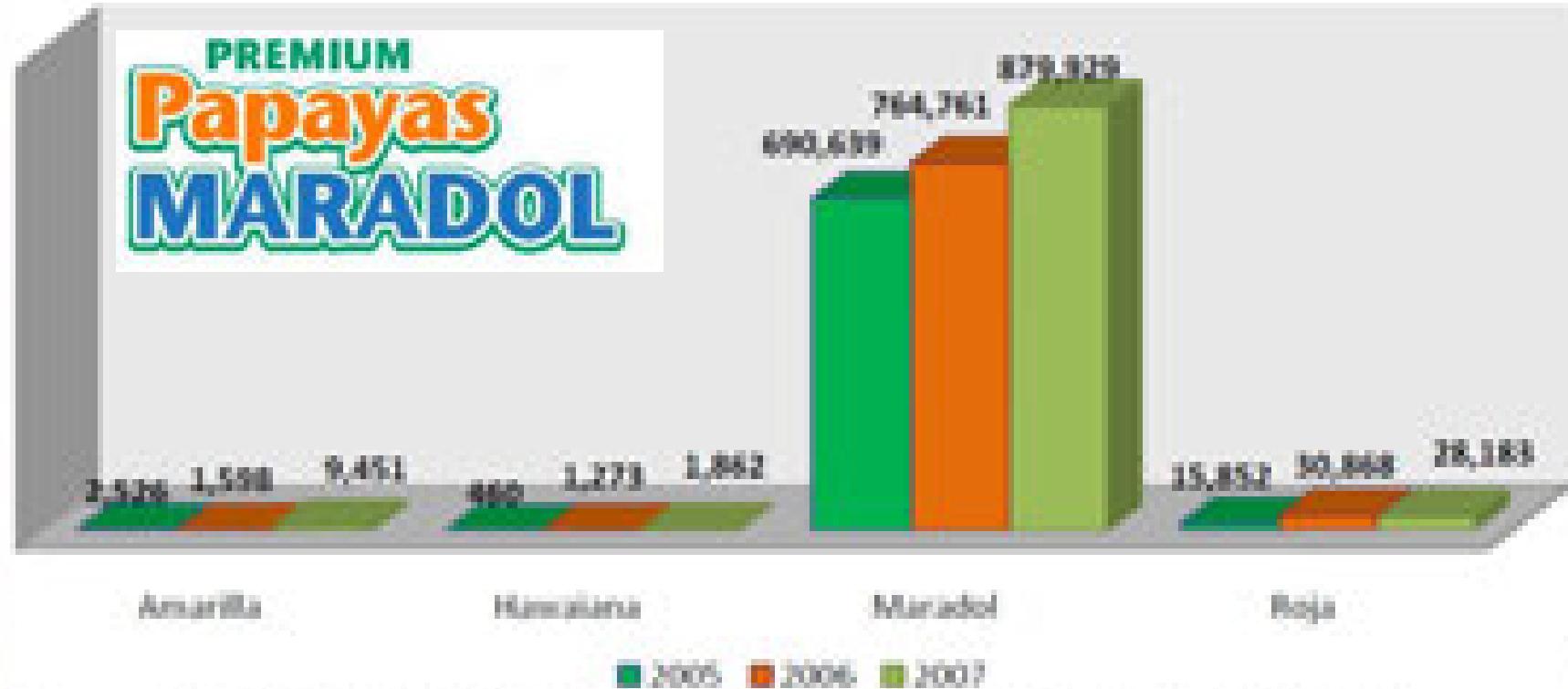
Grupo Solo



MARADOL



Variedades cultivadas en México (toneladas)



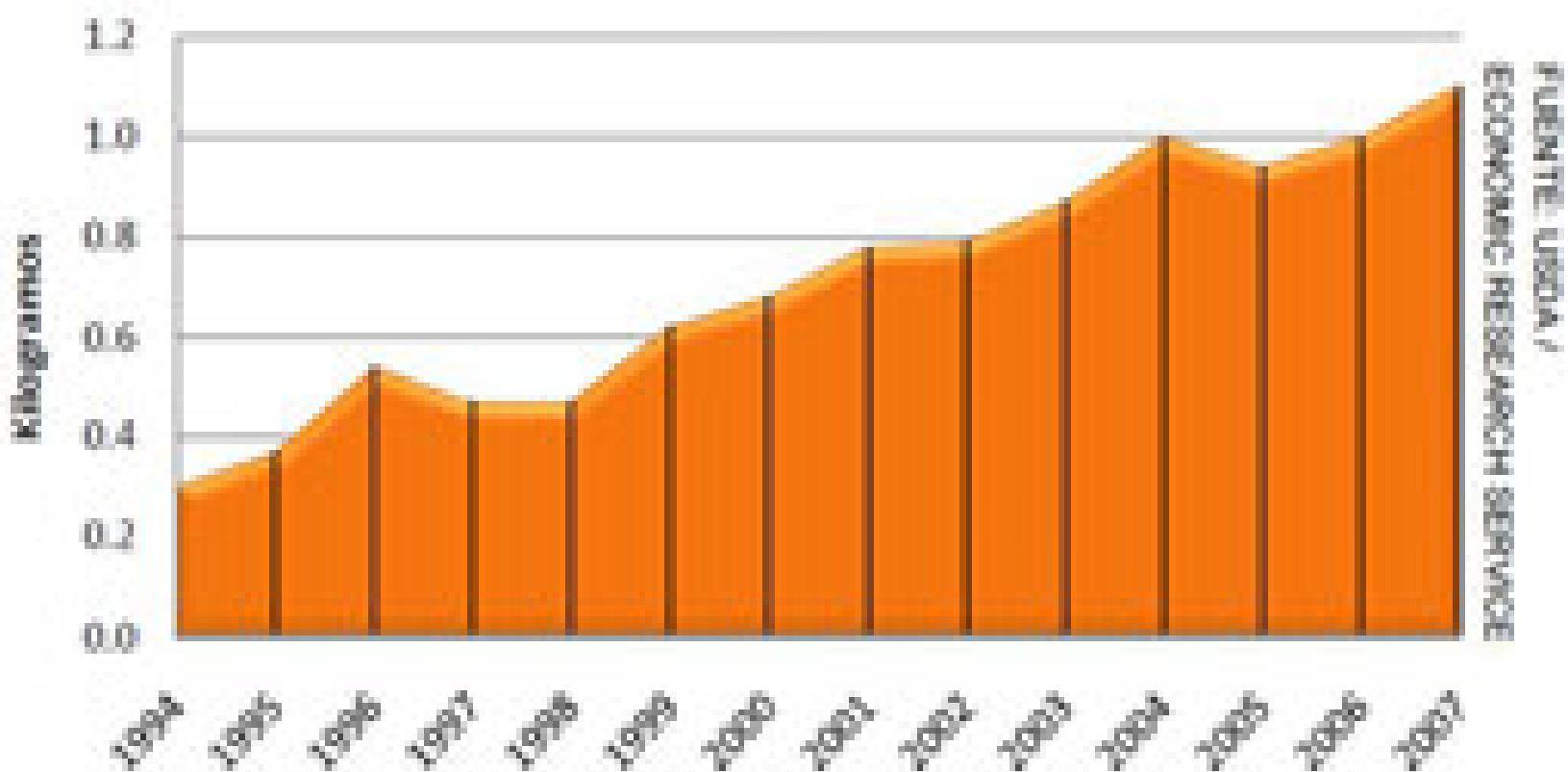
FUENTE: Servicio de Información Agroalimentaria y Pesquera (SIAP) con datos del SAGCOfi

Principal variedade cultivada 2005-2007: Maradol com 96% do mercado de fruta fresca no México.



- Estados Unidos es el principal importador de papaya fresca en el mundo.
- México le destina el 90% de sus exportaciones, por lo que es el mercado meta natural.
- Una de las principales características de Estados Unidos es su multiplicidad étnica.
- El componente de habitantes de origen hispano representa el 14.7% de la población de los Estados Unidos.
- El 63.98% de la población hispana es de origen mexicano.

Consumo aparente per capita de papaya fresca en los Estados Unidos





Se requiere información de mercados precisas para localizar oportunidades de mercado

La papaya mexicana no cuenta con barreras comerciales para su exportación a los principales países importadores



AGROMOD, S.A. DE C.V.

R.F.C. AGR 970228 2M9
15A CALLE ORIENTE No. 19
COLONIA CENTRO
TAPACHULA, CHIAPAS
C.P. 30700

















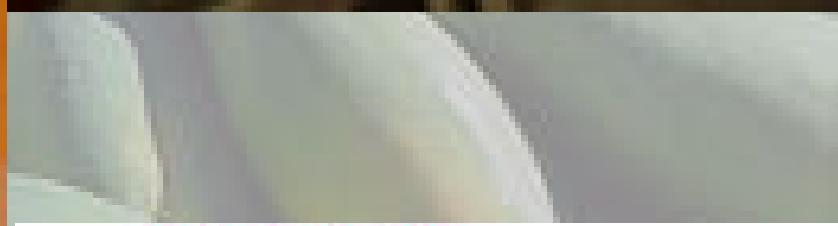
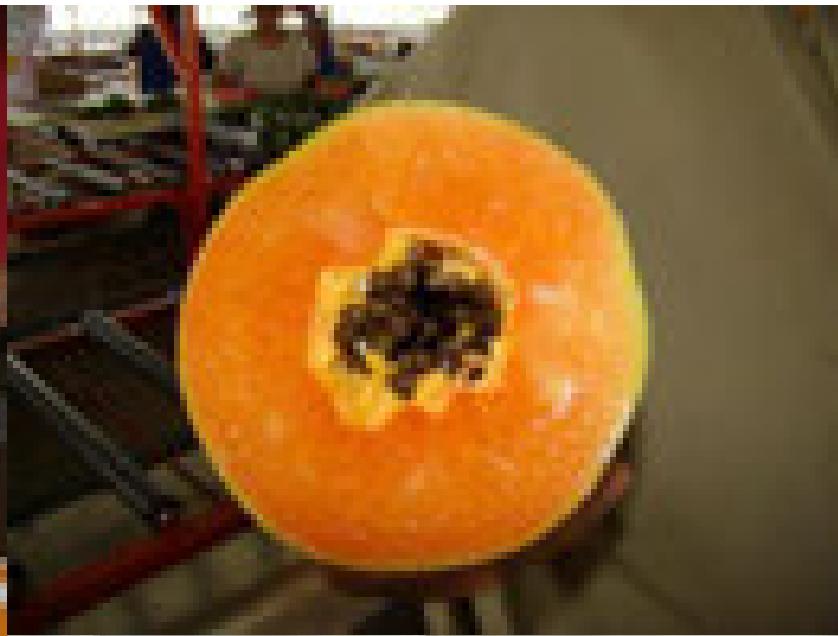












PREMIUM
Papayas
MARADOL