



## evtqvUK dmtj i eZgvb Ae`v

ISAAA Gi "dmj `Re chv` i nek!Avb tk>` a KZK i wPZ Dbqbkxj t`tki Kml-%Re chv` D`m`v`bi nek!cwi w`zi mvi vsk|

ideqvix 09, 2007

### GmsL`vi wktivbvq

#### Lei

nek! evtqvWvBfvi vmiUtz DNA Bank Gi e`envi Aa`vqb -cvej K LvZ Kml evtqvUtki c`qvM

AwdKv - evtqvUK, evtqvdtqj Drcv`tb AwdKvtZ INODP gnicwi Pvj tKi `agb

Avtgvi Kv - emRtj evtqvUK t`tk A\_`v`wZK I cwi tekMZ mjev

Gukqv I ckvš`g`v`m`M`ixq - Mtg Liv m`v`v`Z`vq Aw` wRb

#### MteIYv

- avtbi Priv t`tk DNA Extraction Gi Quick and dirty c`v`zi Zj bv

- evtqvUK mvi Lv t`tk tgšgmQi MvU e`v`K`Uvi qvtZ nvi RbUvj wRb U`v`Y`dvi

#### ve`AvB

- t`Kšij ZvE`K`f`v`e`i`f`c`v`š`m`i`Z` Kml Drcv` i Dci GIGMAP WvUteR

- `w`v`v`b Avtgvi Kvq Av`Avj K evtqvtdiU t`Kv`m`

#### `š`i`K`e`f`i`v`j`j`

- evtqvUK t`bvj wRi Dci FAO Gi WKtg`U

## Lei

### nek!

#### evtqvWvBfvi vmiUtz DNA Bank Gi e`envi Aa`vqb

ve`Avbxi v evtqvWvBfvi vmiUtz ev`Re`v`v`P`f`i` i Dci DNA Gi c`f`ve` Aa`vqb Kti t`Qb| DNA Bank MvB Kiv nq c`q 1980 m`j` t`tk| ve`f`b`v`e` t`tki ve`Avbxi v DNA m`v`v`b, w`v`v`i`f`k`b, AvBt`m`v`j` kb ev`c`\_`K`i`b, msi`v`v`b BZ`v`i` i Dci c`K`v`k`b`v`l` Kti t`Qb| ve`Z`v`i`Z: <http://dx.doi.org/10.1007/s10265-006-0059-7>

#### cvej K LvZ Kml evtqvUtki c`qvM

cvej K LvZ Kml evtqvUtki c`f`ve` Acv`i`m`x`g`| me`v`vece (Green Revolution) Gi t`p`q`l` Kml evtqvUK t`bvj wR Lv` i` t`Mv`Lv` Drcv`tb Amva m`j`v`m`-m`jev` w`z` cvt`i`| A`b`k` ve`Avb` g`b` Kti`b` th, Kml evtqvUK t`K` `v`i` `v`et`g`v`P`b` e`envi` Kiv` t`h`z` cvt`i`| ve`Z`v`i`Z: <http://dx.doi.org/10.1016/sj.foodpol.2006-05-002>

### AwdKv

#### evtqvUK, evtqvdtqj Drcv`tb AwdKvtZ UNIDO gnicwi Pvj tKi `agb

Rv`v`Z`m`š`Ni` w`k`i` Dbq`b` m`v`i` (UNIDO) gnicwi Pvj K Dr. Kandeh Yumkellah AwdKvtZ evtqvdtqj Drcv`tbi Rb` tm` t`tki ve`Avb` i` t`b`Z`v`i` m`v`t`\_`m`v`v`v`r` Kti`b`| w`z`v`b` Z`v`i` m`v`t`\_`K`\_`v`ej`vi` mgq` etj` b` th, c`v`\_`ext`Z` evtqvdtqj` mi`ei`v`n` Kivi` g`t`Z`v` h`f`\_`o` v`g`Z`v` `v`v`v`b` AwdKvtZ` Av`Q`| ve`Z`v`i`Z: [Email: aatf@aatf-arfica.org](mailto:aatf@aatf-arfica.org)

### Avtgvi Kv

#### emRtj evtqvUK t`tk A\_`v`w`Z`K` I` cwi` tekMZ

emRtj i Council for Biotechnology Information (CIB) Gi Abtj`v`ta` emRtj` m`q`web, Zj`v` i` f`v`i` Av`\_`m`v`g`w`R`K` Dc`Kiv`x`Z`v` w`b`t`q` GK` Rv`i`c` Pj` v`b`v`n`q`| Gt`z` t` Lv` hvq` th, K.I.t`Kiv` eZ`v`v`b` evtqvUK` km` Drcv`tbi` Kvi`tb` th`f`v`e` Dc`Kiv` cvt`i`Q` Ges`j` v`f`ev`b` n`v`Q` Zv` K`i` bvi` i` ev`B`ti`| Gme` evtqvUK` km` P`v`l` Kivi` dtj` , Z`v`i` i`t`K` K`v`U`b`v`k`K` Kg` e`envi` Ki`t`z` n`v`Q` Ges`c`P`i` cwi` g`v`b` evow`Z` dmj` ev`B`ti` i` B`v`v`b` Ki`t`z` cvi`t`Q`| ve`Z`v`i`Z: [http://www.cib.org.br/em\\_dia.php?id=822](http://www.cib.org.br/em_dia.php?id=822)

### Gukqv I ckvš`g`v`m`M`ixq

#### Mtg Liv m`v`v`v`Z`v`q` Aw` wRb

Mg` dmj` t`K` Liv` veiv`R`g`v`b` Ae`v`q` Gi` Drcv`tbi` m`v`v`h`i` Ki`t`z` cvt`i` Ggb` `v`v`U` Ancient Gene w`b`t`q` Commonwealth Scientific and Industrial Research Organization (CSIRO) Gi ve`Avbxi v` Kiv`R` Ki`t`Qb`| G` `v`v`b` wRb` nj` Nax1` i` Nax2. Zvi`v`D`P` di` b`k`i` Rv`f`Z` G` wRb` UK`v`t`bvi` t`P`v`n` Ki`t`z`t`Qb`| ve`Z`v`i`Z: <http://www.csiro.au/csiro/content/standard/bs2bv.html>

## Mtel Yv

### avtbi Priv t\_ tK DNA Extraction Gi Quick and Dirty c\_xwZi Zj vb

AvSRK avb Mtel Yv cZovb (IRRI) Gi Mtel Kiv avtbi Priv ntZ DNA Extraction Kivi Rb 6w c\_xwZi gj vqb Kti tQb| Dbqbkxj t\_ tK avtbi Priv I DNA Extraction Gi Rb Zviv mnR c\_xwZi t\_Pov Pj vt\_Qb| G OqU c\_xwZ nj 1) IRRI c\_xwZ; 2) Avj U mnR c\_xwZ; 3) tmwWqvg nvBtWp vBW wJh c\_xwZ; 4) cwlb c\_xwZ; 5) tcwUtbR tK c\_xwZ Ges 6) TE evdvi c\_xwZ | we Zwi Z: <http://www.blackwell-synergy.com/doi/abs/10.1111/j.1439-0523.2006.01272.x>

### evtqvUK mwi qv t\_ tK tgsqwQi MvU e\_vKtUwi qvtZ nwi RbUvj wRb UvYdvi

evtqvUK mwi qvtK ci vMvqb NUvtZ mrvh Kti Ggb wZbU tgsqwQiK wetkY Kti t Lv hvq th, Gti i Oviv wRb vvbstnq wK bv| G t\_ tK cOB dj vdj AtbK weAvbxi mvt\_ wgtj hvq| we Zwi Z: <http://www.springerlink.com/content/ru6q274571711>

## tNvI Yv

### tKsjj ZwiEKfvte ifcvni-Z Kwil Drctv i Dci BIGMAP WwvteR

Iowa State wekte vj q Biosafety Institute for Genetically Modified Agricultural Products (BIGMAP) vcb Kti tQ| Gi cAvb Dti k nj wRgG ktm i Stk I DcKvixZv wbi fcb| G evcti GK Kbdvti tY Gi AvtqvRb Kiv nte 2007 mvtj i 19-20 GwCj S Iowa State wekte vj tq| we Zwi Z: Email: [p.scott@cabi.org](mailto:p.scott@cabi.org)

### wvjb Avtqwi KvZ AvAj K evtqvmdwU tKvm

bi l tqwRqv wRb Btkvj wR cZovb Ges Asociatci?n Desarrollo Medio Ambiental Sustentable (ASDMAS) tS fvte evtqvmdwU tKvm e\_v Ki tQ| Gu 2007 mvtj i gv gvtmi 13-24 ZwiL chS AbvZ nte| we Zwi Z: <http://asdmass.com/workshop>

## svi Ke f vj j

### evtqvUKtbyj wRi Dci FAO Gi WKtgU

evtqvUKtbyj wR tdivtgi Dci "Background and Dialogue on Selected Issues" Gi Dci J. Ruane Ges A. Sonniro Gi Lv I Kwil ms vi (FAO) WKtgU GLb Abj vBtb cvl qv hvvQ| we Zwi Z: <http://www.fao.org/biotech/C14doc.htm>

### ISAAA ( International Service for the Acquisition of Agri-biotech Applications)

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