



evtqvUK dmtj i eZgvb Ae v

ISAAA Gi "dmj Re chýp i nek Avb tk" a KZK i wPZ Dbqbkxj t tki Kul -Re chýp Dm etbi nek cwi wZi mvi vsk |

wkt i vbg		Amó 03, 2007
Lei	nek	- wRGg tj Um t tK cõB Bbmj b B tji i WvqvteUKm bwi vgtq e euZ - GBP. AvB. wF Ges GKB i Kg fvBi m cõZti vta Dm etbi fvBi m Awe etbi
	AwdKv	- AwdKvi e AvbK m acõvq Re chýp i Mtel YvK t VMZg RmbtqtQ - tKubqvq Re mbivcEvi vej cKmkZ
	Avtgwi Kv	- Maine Gi K.I.Kiv wRGg f fiv Pvl i AbgnZ - Awe R t k t j vZ wRGg Avj y Pvl i Dci m. AvB. uc. Gi wbt l av Av - ktm i dj b epx i Rb WgU Cold Spring Harbor Lab Kiv Kite - evtqv wRj Rj vbx Zixi Rb ucbi U wK bZb Dm?
		- eRtj i mi Kiv cõZõb t j vi gta Re mbivcEvi etq ci t ui ve t i av Avj vPv
	Gukqv I cõvS-gavm Mivq	- Atõj qv Re chýp i t t i Wv vix e en t i i Dci Rb Mbi mg_õ - Re chýp i gta t g Dm eZ km LiP cõZi vax
	BDi v	- wRGg Dm etbi S i S i K ubi f c t bi Dci Dci kgj v - bZb AvB i gta t g wRb chýp i AvB mskvab - t j t f i j s w b q q K v b y m s k v a b m g v t j w P Z
	Mtel Yv	- Utgt Uvi t f Ges m Ym U evotbv m ac - Dm etbi h w RNAI Z m n q Z te Z v i U bu t b g v U w cõZi vax K i t z m f l g - w e l Z j v i t e j G i g t a A b v K v i L Z c w i e Z t b i e v L v
	we AvB	- c j y m s k v a b P K Re chýp i t t e i Dci

we vmi Z

Leit nek

wRGg tj Um t tK cõB Bbmj b B tji i WvqvteUKm bwi vgtq e euZ

t m U t j t d w i W v w e k t e v j q t q i M t e l K i v t K S i j Z w i E j K f i t e i f c v s i t Z t j U m D m e t b i Z i x K t i t Q b h v B m j b w R b a v i b K t i w R G g t j U m t h B b m j b Z i x K t i Z v B m j b Z i x i q j z e v x K t i k i x t i G e s j q j q g v b y h i v B m j b w b f P W v q v t e U t i v t m f Y m O j Z v t i R b G K u l w e i v U m y m s e v w n t m t e G u v K v R K i t e | w e Z m i Z : <http://news.ucf.edu/UCFnews/index?page=article&id=0024004102c4c1d99011146fc1c3200521b>.

GBP. AvB. wF Ges GKB i Kg fvBi m cõZti vta Dm etbi fvBi m Awe etbi

Purdue nek t e v j q i M t e l K i v t K S i j Z w i E j K f i t e i f c v s i t K i t z m f l g n t q t Q b G K u l D m e t b i h v g v b y i k i x t i G B P . A v B . w F . G i b e s k i e v t i v a K i t z m f l g | Cauliflower mosaic virus (CaMV) h v d j K u c , t e f K u j , U v i w b K v , K v t b j v G e s A t b K c K v t i i m i v l v Z v cõ t i v a K i t z G B t K S i j Z w i E j K f i t e i f c v s i t Z D m e t b i m f l g | Reverse Transcription (RT) G i g t a t g g v b y l D m e t b i (K u c R v Z i q) t h t cõ U b Z m i n q Z v f v B i m G i e s k i e v t i v a G e s t i v m cõ Z t i v t a K v h K i w n t m t e cõ y m b Z n t q t Q | w e Z m i Z : <http://news.uns.purdue.edu/x/b/070730ChenMosaicvirus.html>.

Leit AwdKv

AwdKvi e AvbK m acõvq Re chýp i Mtel YvK t VMZg RmbtqtQ

Alliance for a Green Revolution in Africa (AGRA) G K U v m i s e w K m t e s j t b i g t a t g c K v k K t i t Q t h , Z v t i m s M v b w e Avb l cõ h ý p t K m g _ õ K t i w e t k l K t i t K S i j Z w i E j K f i t e i f c v s i t Z cõ h ý p t K | G B cõ h ý p A w d K v i q j z e K i t K i R b A _ x e R i w i K v i b w i Z v G e s q j a v t i v a K i v i R b G B cõ h ý p w e t k l f i t e K v h K i | w e Z m i Z : <http://www.absfafrica.org/Africa%20welcomes%20AGRA%20clarification.pdf> or Email: hanspro@iafrica.com

tKubqvq Re mbivcEvi vej cKmkZ

% R e m b i v c E v i K v W t g v G e s A v B b K v b y Z i x w e r f b e a i t b i D b q b k x j t t k i R b w e t k l K t i G u k q v G e s A w d K v i R b G K u l c w i k g x K v R | h w G B a i t b i R e m b i v c E v i K v W t g v G e s A v B b K v b y G B m e t t k b v t K Z v n t j cõ h ý t v b i s t b w e i n Z n t e | t h S M t e l Y v G e s e w Y i R w K K i t b i D c v v b w K f i t e c w i P w j Z n t e b v | R j v B , 2 0 0 7 m v t j G B % R e m b i v c E v i w e t j i D c i t L v j v A v j v P b v G e s w e Z K A b y o Z n t q v O j | w e Z m i Z : http://www.absfafrica.org/new/index.php?option=com_content&task=view&id=32&Itemid=2

Leit Avtgwi Kv

Maine Gi K.I.Kiv wRGg f fiv Pvl i AbgnZ

e v j v B b i k w b q s b K Z e q | M a i n e G i K . I . K t i A b g n Z w t q t Q t h Z i v Z v t i G j v K v q w e i U f f i v P v l K i t z c v t e | M a i n e n j h y i v t R i t k l i v R t h L v t b w e i U f f i v P v l i A b g n Z t q v n t q t Q | G B w e i U f f i v i a y M e w c i i L v w n t m t e R b v t b v n t e | K Z e q e t j t Q t h , w e i U f f i v e v j v B g t b K v h K i G e s G i M a i n e K . I . K i v Z j b v g j K m e a v c v t e G B cõ h ý i g t a t g | w e Z m i Z : http://www.boston.com/news/local/maine/articles/07/28/maine_becomes_last_state_to_allow_genetically_altered_corn/

Amo`R t`k`_tj vZ wRGg Avj yPvli Dci m.AvB.wc. Gi vbtlavAv

Amo`R t`kmgv thgb- tci", ewj wfvq, BKtqWi, Kj wqv, tfrbRtj v, AvtR@Ubr Ges wPvj tZ tKšjy ZmEjKfvte ifcvšw-Z Avj y Pvl bv Kivi Rb` AvšR@ZK Avj yK` (CIP) Gi Avnerb| GB tK` Abgweb Kti tQ th, tKšjy ZmEjKfvte ifcvšw-Z Avj y Pvl th, cwj gvb m` cwi tetki SmK Ges Gi Pvl i Rb` th cwi tetki` i Kvi Zv chfB bq H mg` k`_tj vZ| GB tK` @ Ggb GKw ifcvšw-Z Avj y RvZ` Zix Kti tQ hv tci`i gv chfG GgbwK c`_exi tKvb RvqMvq ZLb chS`Pvl Kiv nqub| GB tK` @ th ifcvšw-Z Avj y RvZ` Zix Kti tQ Zv mjbw` fVte Potato Tuber Moth c@Ziva KitZ m`g | w` Zwi Z: http://www.cipotato.org/pressroom/press_releases_detail.asp?cod=41.

k`m`i dj b eix i Rb` WgU Cold Spring Harbor Lab KvR Ki te

Dupont & Cold Spring Harbor Laboratory eU eQi ati thS` MtelYv cwi Pvj bv Ki te hvZ k`m`i wRbZmEjK MtelYvi Dci tRvi t`qv hvq| GtZ Kti Giv k`m`i dj b eix Ges f`v, mqweb l Ab`v`_i`ZcYKw k`m`i chv` Dba`b m`g nte| Dfq c@Zovb t`_tK weifb@MelK` j wRbZmEjK WwUv, `enkto`i Z` Ges Rvge`vRg m`u` e`en`i`i gva`g Zv`i Kv`f`g cwi Pvj bv Ki te| w` Zwi Z: <http://www.pioneer.com/web/site/portal/menuitem.c6237cfa964bbac194ab2095d10093a0/>.

evtqmwRj Rjy vbx`Zixi Rb` wcbw`K bZb Drm?

Peanut Avt` AvtmZ evtqmwRj mvg` wntmte wetePbv Kiv n`Q| h`y i vto` Mtel Kiv Peanut Gi Dci cix`v Pj v`vi ci Ggb GKw RvZ mbv` Kti tQb hvK Zviv Georganic wntmte wetePbv Kti tQb| Guv Lvl qvi DcthwMx bq wK`S`Tzj i cwi gvb tenk`_Kvq Ges Drcv` tbi Rb` Kg cwi gvb LiP nI qvi Kvi tB GuU eZ`v`b Mtel Kti i bRi tKti tQ| Mtel bvi dtj Guv cvl qv wltq tQ th, Peanut G D`P gvT vi Zwj Kv GmW cvl qv hvq hv Lvt` i RxbKij evovq Ges D`P gvtbi evtqmwRj Rjy vbx`Zix Kiv hvq| w` Zwi Z: <http://www.ars.usda.gov/is/pr/2007/070730.htm>.

emRtj i mi Kvix c@Zovb`_tj vi gta` RembivcEv wltq ci`_uivetivax Avtj vPbv

Brazilian National Health Surveillance Agency, Anvisa gvb`i`_` Ges cwi tetki Dci tKšjy ZmEjKfvte ifcvbZiZ k`m`i m`e` SmK wbfctbi Rb` RbmYi civgk` Avnerb Kti tQ| GB civgk`_tj v Pvi wU wltq i Dci t`qv nte thgb wRbZmEjK ifcvšw-Z`_`MwZK RweZ e`_` Lv` w`bivcEv BZw` | GB civgk`_tj v tm`P` 10, 2007 chS`-hqv nte hv 119w c@k` mgšq MvZ| Anvisa GKw Kvgkb MvB Kti tQ hvv wRGg k`m`i w`bivcEv gj`vqY Ki te| GB Kvgkb Auvisa Gi m`m`i wbtq MvZ| w` Zwi Z: http://agenciact.mct.gov.br/index.php?action=/content/view&cod_objeto=45124 or <http://www.anvisa.gov.br/divulga/noticias/2007/240707.htm> <http://www.agenciabrasil.gov.br/noticias/2007/07/23/materia.2007-07-23.6723525370/view>

Leit Gwkqv I c`všgavmMiq

At@j qv`Rechv`i`_` I Wv`vix e`en`i`i Dci RbmYi mg`_B

%Rechv` At@j qv, GKw At@j qv mi Kvix c@Zovb hvv` Rechv`i` Dci MtelYv Kti t`Lz tctqtQb th, wRb chv` e`en`i`i dtj gvbY DcKZ nq| dtj`_` I Wv`vix c@v`Mi t`j` GB chv` gvb`i` Av`v AR`B m`g| hvBtvK, At@j xq RbmYi gta` GB wltq i Dci w`k` c@Zw`qv i tqtQb RbmYi Dci 2005 mvtj Rwi tci gva`g t` Lv wltq tQ th, Zv`i` gta` RembivcEv wltq Avj` cwi eZ` NtUtQ- hv ntj v -

- wRb chv` e`en`i`i Dci mg`_B 65 kZvsk t`_tK teto 89 kZvsk eix` tctqtQ|
- t@g tmj Gi Dci mg`_B 80 kZvsg t`_tK teto 92 kZvsk ntqtQ|

w` Zwi Z: <http://www.biotechnology.gov.au/index.cfm?event=object.showContent&objectID=1AFA27DB-95B2-7E61-52937F1D1CE1C972>.

%Rechv`i` gva`g D`M`eZ km` LiP c@Zivax

wRGg k`m`i A`_BwZ Avtj vPbv bvgK GKw tmvgv`i` wchj wctbi Biotechnology Coalition of the Philippines (BCP) Gi mfvicwZ etj tQb th, wRGg km` thgb avb Pvl Ges t`wi tZ cwi c` tctc Pvl`_` w`f`qv` x gbjdv AR` Ki v m`e` Ges GB me k`m`i Sgk wbfctbi Rb` Lg Kg cwi gvb A`_fqb` i Kvi nq| BCP etj tQ th, weU f`v` Zwi tZ thLvB 33 kZvsk A`_g vtm tmLvB Gi wbggZwšK cwi cvj tbi Rb` tgvU DbqB Li tPi 67 kZvsk A`_g vtm | w` Zwi Z: http://www.da.gov.ph/News_events/news2.html.

Leit BD`ivc

wRGg D`M`eZ i SmK wbfctbi Dci Dct` kgj v

BD`ivci Lv` w`bivcEv c@Zovb (EFSA) tKšjy ZmEjKfvte ifcvšw-Z D`M`eZ ev c@vri Dci Gi SmK wbfctbi Rb`GKw Dct` kgj v cKvk Kti tQ| thgb weifb@RvtZi gta``_B ev ZtZwaK wRbZmEjK c@mwK A`_ev Ac@mwK `enk` Xjv`bv ntqtQ hv `enkto`i w`wZkxj Zv Zj wšZ ev H RvtZi evRvi gj` eix` Kti| GB bwxZg`v`_tj v GKw wbt`_Kv wntmte KvR Ki te tKšjy ZmEjKfvte ifcvšw-Z D`M`eZ i SmK wbfctb| w` Zwi Z: http://www.efsa.europa.eu/etc/medialib/efsa/science/gmo/gmo_guidance/gmo_guidance_ej512.Par.0001.File.tmp/gmo_guidance_ej512_GM_stacked_events_en.pdf

bZb AvBtbi gva'ig wRbcny i AvBb mstkrab

Rvgf Kwl gSg Horst Seehofer, Christian Democratic Union (CDU) and Social Democratic Party (SPD) eZgvtb wRb cny i AvBb mstkrab m sZ nqtQb | GB m sZcT Zv v Dtg L Kti tQb th, cPnj Z fxyvi gv Ges wRbZwEjK ifcvsh-Z fxyvi gvVi gta KgcT 150 wUvi y ts cvtki AMwK gvVi gta 300 wUvi tZj v LtZ nte | GB m sZcT tKsj ZwEjK fite ifcvsh-Z DwTC Pfti wbggbwZi Dci tenk Kti tRvi t'qv nqtQ | GB wbggbwZj v wRGg ktm i mvt_ cPnj Z A_ev RneK Pfti mswgkb tvtai j t'q Zix Kiv nqtQ | we-Zvi Z: http://www.coextra.eu/country_reports/news883.html.

tj t'fij s wbggKvby mstkrab mgvtj wPZ

Rvgf Kwl ms-v eZgvtb Zxfite tj teij s wbggKvby mstkrab Kivi Rb Gi mgvtj vPbv Kti tQb | GB tj teij s wbgg mstkrab ej v nqtQ th , tKsj ZwEjK ifcvsh-Z bv Ggb `fe i Mtq wRGg wkvj LtZ nte | cOYxi Lt' h' tKv tKsj ZwEjK fite ifcvsh-Z DwTC Dcv vb bv vtK Zte Zv Dtg L Kitz nte | Rvgf Kwl ms-vi gZ GZ gvby i gta fytvSvys i mpo nte wtkl Kti JI a, GbRvBg ZixZ Kvi b Gi Ktv meK cPnj Z Dcvq tbB | we-Zvi Z: <http://www.gmo-compass.org/eng/home/>

Mtel Yv

UtgtUvi -f Ges mYU evovbv m s

Geranial syntheses wRb UtgtUvZ cKvki gva'ig Gi -f Ges mYU evovbv m s | Monoterpernes nj Gi gj Dcv vb hv -f Ges mYU evovq | Gi dtj wUwgb-G Zixi Rb th weUv-Kv i wUv i Kvi Zv cifweZ nq bv Ges bol nq bv | Gi dtj UtgtUvZ Ges Avvb Kwl Ges D-vb ZwEjK RvZi gta -f Ges mYU evovbv m s v RbK | we-Zvi Z: <http://www.nature.com/nbt/journal/vaop/ncurrent/abs/nbt1312.html>

DwTC hv RNAI Zvi nq Zte Zv i U bu tbgvUw cOZt vax Kitz m qg

i U bu (Root Knot) tbgvUw nj Av wZK fite wZKvi K DwTC c'vi v mBU hv wvfbai tbi dmtj i dj b gv vZK fite Kwgtq t'q | GB Rb Atofj qv KBYj vU wvfb' Aj tqi Mtel Kiv RNA interference (RANI) c'wZ e'envi Kti tQb GB c'vi v mBU wbgg | RNA interference (RANI) nj GKw tKsj th Lvth Double Stranded RNA (dsRNA) e'envi Kiv nq ifcvsh-Z DwTC i gta hvZ H tbgvUw mg -wRb Gi cKv evovbv nq | we-Zvi Z: <http://www.springerlink.com/content/d5714j54572t34u6/>.

wvU Zj vi teij Gi gta AvKvLZ cwi eZbi e'vL'v

PvBwR Mtel Kiv wZbiU wvU Zj vi RvZi teij i wvkt' i gta th wvfb' t' LtZ tctqQb Zvi gj Kvi tbi t'q wU DwTC ni tgvb: Gibberellic Acid 3 (GA3) Ges Zeatin (ZR) | Mtel Kiv GKw Mtel Yv cwi Pj bv Kti tQb hvZ Zvi wvU wRb GKw t' kv RvZi Zj vi gta c'ek Kvi tq Gi teij Gi gta wK cwi gv Zvrch'j K cwi eZB wU Zv c'v'v Kti tQb | we-Zvi Z: <http://dx.doi.org/10.1016/j.fcr.04.003>

weAvB

cl' mstkrab PK Recny i fe i Dci

Recny i gva'ig DwTC wvfbai tbi DwTC e'w i Dci ctKU Avb eZgvtb mstkrab AvKv <http://www.isaaa.org/kc/> GB l tqemvBtU cvl qv hv'Q | Gi gj wvkt' n'Q th, mg tKsj ZwEjK fite ifcvsh-Z km Lvl qv Rb Avytg' b t' qv nqtQ thgb ti vM cOZt vva, wvovkK cOZt vax Zvt i Dci GKw , "Q cOZte b |

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

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www.bdbic.org: esj v' k'etqUKt'vj wRZ_ tKs' KZR mKtj i e'envi i Rb l tge
www.isaaa.org: ISAAA m'v'K' mKj Z_ , Crop Biotech Update: etqUK dmtj i wv'v' wZi l tge
www.agbios.com: Kal etqUKt'vj wRi l tge, wDRtj Uv' esj v' tki Rb c_ KtmKkb i tqtQ
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