



evtqv UK dmtj i eZvb Ae`v

ISAAA Gi "dmj `Re chý i nek,Avb tk>`a KZK i pZ Dbqbkxj t`tki Km-%Re chý D`m`tbi nek,ciw`iZi mvi sk|

Gircj 20, 2007

GmsL`vi wktjvbg

Lei

Avtgvi Kv

- Avtgvi Kvq, evtqv UK tbyj i Ri Dci cigk Gj K`švi Kij uc, Abjv`bthm`Dbaq l KivWvi fivel`r A`bWZ cKvk Kti tQ

- emRj I hý ivtót mntwmZvgj K evtqvB_vbj MtelYv`i i`

Gukqv l ckvšgammMiq

- Kuc RivZxq mwâi gvW chfqq cix`vi Rb` wDwRj `v`Ui Avte`b

BDtvc

- wRbZwE`K fite ifcviš-Z Dm`q NPTII wRb avb Kti Zvmbvc`

- Mtel Kiv Q`TK cZt`vax UtgtUv`Zix KitiZ m`fjg

- wftqZbvg thš_fvte Rvg`bxi mstM MtelYvgj K Kvh`pug`i i` Kti tQ

- BDtvcxqib msm` `Re Lr` `f`e i Dci wKQybgq KibycUve-Kti tQ

- nvi wKDtj - BDtvcxqib BDmbqtbi Abjv` tbi Atc`fjvq

MtelYv

- dtUwci qW wRb Zj vq mbv`Kiti b Rb` AMb i

- wRbZwE`K fite ifcviš-Z Avj `y K>` wUwgb-B Drcv` b KitiZ m`fjg

- tj Utmi gva`tg mDg`v Bbuvitdi b Drcv` b

weÁvB

- weU KUB Gi bZb eB fvi tZ cKvkZ ntqtQ

- AwcKvq km` Kbcdv`y

`švi Ke`f`vj j

- Dm`c`cRbb Ges Rxechý i Dci mgy`fjv

- Rxechý i Dci GdGi wtkl`Át` i cigk`

evtqv UK Z` tk>`htZ

- Zwjg mšewi Kti` i `Rechý i Kgrjv vq AskMhý

- esj vt` tk` %Re chý i Dci Avtj vPbv

Lei

Avtgvi Kv

Avtgvi Kvq, CBAC evtqv UK tbyj i Ri Dci cigk Gj K`švi Kij uc, Abjv`bthm`Dbaq l KivWvi fivel`r A`bWZ cKvk Kti tQ

KivWvq cwi tetki Dci `Rechý i Ae`vb Ges Gi A`švWZK cZt`vaxZvi Dci GKwU e`vck cix`fjv Pj vtbvi ci Zv Poyš fite cix`fjvi Rb` KivWvi `Rechý i cigk`Kuguli (Canadian Biotechnology Advisory Committee-CBAC) KvQ n`vš- Kiv ntqQj | Dr. Anthur Hanson Gi tbZtZj MvB Kiv GKwU wtkl`Á Kuguli gva`tg GB wi tcvU`KQybgq` w`el tqi Dci ch`fjv tbi Rb` ej v ntqtQ hv Abjv`bthm`Dbaqbi Dci Zt` i wKQyRvZxq l tk>` fite tKŠktj i Afive itqtQ| Zviv h`r GB mxyvexZv` t KitiZ c`ti Zvntj Zviv bZb bZb chý Mhý l tkBx`fvte `Rechý i we`v`i m`fjg nte| we`Zwi Z: <http://cbac-cccb.ca/epic/site/cbac-cccb.nsf/en/ah00623e.html>

emRi I hý ivtót mntwmZvgj K evtqvB_vbj MtelYv`i i`

emRj i Agricultural Research Corporation l hý ivtót National Renewable Energy Laboratory (NREL) Gi thš` Df`v`M EMBRAPA bvtg GKwU cZt`vax evtqvB_vbj i Dci MtelYv`i i` Kti tQ| EMBRAPA`i evtqvdtqj wtkl`Át` i GKwU`j GB cKt`i i fivel`r Kvh`ewa`Zix Kiti tQ hv cieZ`PZ Alexander Karsner Gi KvQ n`vš- Kiv ntqQj whwb Energy Efficiency and Renewable Energy Network (EREN) Gi Gm`o`v`U tmt`pUvix| we`Zwi Z: http://www.embrapa.br/noticias/banco_de_noticias/2007/abril/foldernoticia.2007-04-16.3340790016/noticia.2007-04-19.3116424979/mostra_noticia

Gukqv l ckvšgammMiq

Kuc RivZxq mwâi gvW chfqq cix`vi Rb` wDwRj `v`Ui Avte`b

cwi tetki SmK e`e`vcv cZt`vax (Environmental Risk Management Authority-ERMA) Gi KvQ wDwRj `v`Ui km` l Lv` MtelYv cZt`vax Kuc RivZxq mwâi gvW chfqq cix`vi Rb` Avte`b Kiti tQj | wRbZwE`K fite ifcviš-Z evav Kuc, wtkl` Kti dj Kuc (tef`Kuj), dj Kuc Ges Kivj`i KivUv`icj vi RivZxq tcvKv cZt`vax thgb- mv`v cRvcwZ Ges Wvqg`U e`vK g_ BZ`w` | wbtRt`i l emwefk`i Bvmbi Rb` Kuc RivZxq mwâ e`vck fite Rb`v`v`v nq| GB RivZxq dmtj i Rb` mv`v cRvcwZ l Wvqg`U e`vK g_ GKwU wv`vU mgm`v ntq` t`Lv w` tqtQ| GB Rb` w`K`i w`qšb c`x`zi K_v wetePbv Kiv nt`Q, KviY AvZwi`³ KxUv`v`K Avgt`i Rb` 1mU wv`vU Dt`tMi KviY Ges Gi `fjvZKi c`fve cwi tetk eQ`i i ci eQ`i we`v`vgb`v`fK| km` l Lv` MtelYv cZt`vax GK`j MtelK etj tQb th, KivUv`icj vi w`qšb`i Rb` KxUv`v`K wRb h`r Kuc RivZxq dmtj `v`vš- Kiv hvq Zvntj AvZwi`³ KxUv`v`K e`env`i i SmK t`tK cwi tetk i`fjv Kiv m`c` hv *Bacillus thuringiensis* bvgK e`vU`v`v`v qv t`tK tbqv ntqtQ| we`Zwi Z: <http://www.ermanz.govt.nz/appfiles/execsumm/word/GMF06001-002.doc>

wftqZbvg thš_fvte Rvg`bxi mstM MtelYvgj K Kvh`pug`i i` Kti tQ

wftqZbvtgi weÁvB l chý gš`y`j q Ges Rvg`b MtelYv cZt`vax (German Research Foundation-DFG) w`f`v`w`el tqi Dci thš_fvte MtelYv Rb` 1mU `švi Kij w`f`Z` `fjvi Kiti tQj | GB`w`v`v`v w`f`v`w`el kv`Ri Dci thgb- %Rechý, Z` chý, c`v` weÁvB, hš`v`v`v Z`gnkb, chý `v`v`v`v, `eÁv`v`vB MtelYv e`e`vcv Ges MtelK l %Áv`v`vB g`v`v`v`v`v i w`f`v`w`el tqi Dci nv`Z Kj tg w`f`v`v`v`v i qvi Rb` GKwU w`c`w`f`K mntwmZv Pm`³ MvB Kiti tQj | we`Zwi Z: Email: hienttm@yahoo.com

BDtīvc

WRbZwĒĶfvte ifcvšwī-Z DīwĪĊh nptII WRb avib Ktī Zvībīvc`

The European Food Safety Authority (EFSA) WRbZwĒĶfvte ifcvšwī-Z DīwĪĊh I weifbūlvf`i gta` th, nptII WRb_vtK Zvi vībīvcĒv wīōīš-mġg ntqūj | GB nptII WRb th gvbly ev cī`v`i ev cwi tētki Rb` ħwZKi bq Zv EFSA Gi KgĶZĦv weenz w`tqūj | GB mg`-WRb WKQyGūUevtqūUK Gi wei`f× cōZtīvax thgb- G`vgyBtīvMvBtīKvgyBWm, K`vbgvBimb, wĒĒgBimb BZ`w | we`Zwī Z: http://www.efsa.europa.eu/en/press_room/news/ns_gmo_npt2.html

BDtīvcxqvb msm` `Re Lv` `fē`i Dci wKQybgqKvbly cōve-Ktī tō

BDtīvcxqvb msm` i m`m`iv etj tō th, WRbZwĒĶfvte ifcvšwī-Z e`i ōvīv th `ReLv` `w Z nq Zv GKUv Abtjv` bthwM` KūvtgrvZ (0.1%) wbtq Avmvi Rb`| hw` tKD WRbZwĒĶfvte ifcvšwī-Z Lv`i SūK tīva Kīz mġg nq Zvntj msm` iv cī`v`i cōve-Ktī tō | `Rwe Lvgyvqtb WRbZwĒĶfvte ifcvšwī-Z Lv`i e`envtī i Dci Ges cī` wPwKrmvī Rb` Drcw` Z Jī tī Dci msm` m`m`iv wKQy wbtī avĀv Avtīvc Ktī tō | we`Zwī Z: http://www.europarl.europa.eu/news/expert/infopress_page/032-4693-087-03-13-904-2007036IPR04618-28-03-2007-2007-false/default_en.htm

Mtēl Kiv QĪ vK cōZtīvax Utgtūv `Zix Kīz mġg

Wagenin wekte`vj tqi GKRB wC-GBP.wW. QĪ Richard Finkers Utgtūvi GKw bZb RvZ Awē`vi Kīz mġg ntqtō hv QĪ vK (*Botrytis cinerea*) cōZtīvax | GB QĪ vK wevīvax Utgtūvi RvZ AwZ kxNB evRvī Avmte | Finkers cōtg *Solanum habrochaites* LYC4 Gi mvt`_`ūkRvZi RvZ *S. lycopersicum* cv. *MoneyMaker* Gi μms Ktī wj Ges cīeZĶZ wW.Gb.G. Gi 2 RvqMvq QĪ vK cōZtīvax WRb mbv³ Kīz mġg ntqūj | De Ruiter exR tKv`ūvbx BwZgta` Zv`i cĪRb tōvMtg GB c`wZ cōqM Ktī tō | we`Zwī Z: http://www.nwo.nl/nwohome.nsf/pages/NWOA_6ZPA4C_Eng

nvi wKDtj .[®] BDtīvcxqvb BDwbtī Abtjv` tbi Atcġlvq

The European Food Safety Authority (EFSA) WRbZwĒĶfvte ifcvšwī-Z fĀvi vīvct`i e`vctī ej vi cī, nvi wKDtj .[®] fīj `enkō` t`Lvīvī dtj Zv fīel`tī Rb` evRvī Ōvīvī Abtjv` b w`tqūj | nvi wKDtj .[®] Abtjv` b t` qvī Rb` BDtīvcxqvb BDwbtī Kūgkb Zīf`i m`m`i gā tīU MōY Ktī wj | Dow Agro-science Ges Pioneer Gi th`_`cĪPōvq Hercules[®] Rw (Rootworm) %Zīx ntqūj | Bnv Western Northern, and Mexican j vffī fĀvi root worm cōZtīvax | we`Zwī Z: <http://www.dowagro.com/newsroom/corporatenews/2007ahm>

Mtēl Yv

dġUwci qW WRb Zj vi mbv³ Kīzī Rb` AMġhī

eZgvtb wgdġUkb Avtīvctī gva`tg Zj vi dġUwci qW mstē`bkxj RvZ `Zix Kiv nt`Q | Gi Dbqtbī Rb` eb` Ges t` kxq Zj vi RvZī gta` cōqM Kiv nt`Q | tewkī fW wev`kx Zj vi RvZ Avtj vKw em mstē`bkxj hv Mō`Kvġj AwāK Avtj vKw etm dj w`z cvtī bv | Avtīvī Kv Ges DRtēwK`-fēbī G`Kj Mtēl K 32w cōqM Kivi gva`tg eZgvtb Avtj vK Amstē`bkxj RvZ %Zix Ktī tō | th mg`-RvZ GB i wKf cōqM Kiv ntqūj Zv 250wī tewk SSR Primer w`tq mbv³ Kiv ntqūj | Mtēl Kiv GKUv Zvrchġj K cīeZĶ t`LtZ tctī wj Hme wgdU`vU eb` RvZī gta` Ges Hme wgdU`vU RvZ ,tj v Dbz Kūl ZwĒĶ `enkō` avī Y Ktī tō | we`Zwī Z: <http://jhered.oxfordjournals.org/cgi/content/abstract/esm007v1>

tj Uzmi gva`tg wDg`vb B>Uvī tdi b Drcv` b

wDg`vb B>Uvī tdi b weUv GKw thSM hv fivBīm cōZtīvax Ges wPwKrmv tġtĪ Gi e`cūea e`envī i tqtō | weifbreaitī Abtjxe e`envtī i gva`tg ewYWR`Kfvte wDg`vb B>Uvī tdi b weUv `Zix Kiv nt`Q Ges thtnZī GB thŠMi Pwv` v w`bw` b ewx` cvt`Q ZvB Gi weKī Drcv` tbi wPšv`-Kiv nt`Q | Pxtībī GK`j Mtēl K Gūl cĪKvkvq etj tō th, ifcvšwī-Z RvcvbxR Mvm tj Um wDg`vb B>Uvī tdi b weUv `Zix Kīz mġg | Mtēl Kiv cīxġvī gva`tg GB wv`v`š-ĒcbxZ ntqtō th, tj Uzmi cvZvq th wDg`vb B>Uvī tdi b weUv Xġvġv ntqtō Zvī D`P` RweK Kvhġj x i tqtō | we`Zwī Z: <http://dx.doi.org/10.1016/j.scienta.2006.12.047>

WRbZwĒĶfvte ifcvšwī-Z Avj jK` wFūwgb-B Drcv` b Kīz mġg

wFūwgb-B A_ev tūvtKvtdīj gvbjī v`v`i Rb` GKw , i`Zc`YDcī v | i agvī mtj vKmstktīx DīwĪĊ GB thSM Drcv` b Kīz mġg | Avj yGKūl Amvtj vKmstktīx DīwĪĊ, hġ i vōf` GK`j Mtēl K Avj jK` wFūwgb-B Gi cīvī gvb evovtZ mġg ntqtō | Elizabeth Crowell Ges Zwī m/āiv *Agrobacterium* c`wZ e`envtī i gva`tg `Bw i fcvšwī-Z Avj jRvZ DīwĪĊ Kīz mġg ntqūj , tm ,tj v ntj v Sputa and MSE149-5Y Crowell Ges Zwī m/āiv t`Lūj th, hw` At HPPD Ges AtHPT WRb tewk cīvī gvb cĪKv cvq Zvntj Avj dv` tūvtKvtdīj i cūgvb h`v`v`tg 266% Ges 106% ewx` cvq | Avj jcvZvq 10`_b Ges extR 100`_b Kg tūvtKvtdīj Avtō | kvī xī ZwĒĶ Ges wbgqZwīšĶ evāv Avj jK` tūvtKvtdīj Rgvnl qvī cāvb Ašīvġ | we`Zwī Z: <http://www.springerlink.com/content/g0515325830j8m74>

