



# evtqvttUK dmtj i eZgvb Ae-v

"ISAAA Gi dmj Re chj<sup>3</sup> i nek; Avb tK; KZR i wPZ Dbqbkxj  
t tki Kwl -%Re chj<sup>3</sup> D<sup>TM</sup>tebi nek; cwi w-wzi mvisk"



[www.isaaa.org](http://www.isaaa.org); [www.bdbic.org](http://www.bdbic.org); [bdbic@googlegroups.com](mailto:bdbic@googlegroups.com); [info@isaaa.org](mailto:info@isaaa.org)

tmtpat 26, 2012 Bs

wktj vbrg	
Lei	Avtgi Kv  Mtel Kiv tctqtQb th, Dw <sup>TM</sup> i g <sup>tj</sup> i KKovtbn cZeUKZv Oviv ZjwSZ nq weAvbxi v DtbwPb Kti tQb wKfvte Dw <sup>TM</sup> tebRiqK GimW Zix Kti
	BDti vc  weAvbxi v gwUi wWGbG (DNA) wmtKvtqY I wekH Kti tQ Dbiesk kZraxi Avj tZ AvajbK wWGbG (DNA) chj <sup>3</sup> tK KvR j wvvtbn ntqtQ
	Mtel Yv <i>Nicotina benthamiana</i> GKw Lmov wRtbrtgi b- v AvbjeftubK Dw <sup>TM</sup> Rxeby weAvtbi Mtel YvtK ZjwSZ Kti

## we-wi Z

### Avtgi Kv

Mtel Kiv tctqtQb th, Dw<sup>TM</sup> i g<sup>tj</sup> i KKovtbn cZeUKZv Oviv ZjwSZ nq  
Ktbp wekte<sup>3</sup> vj tqi c-v\_e I Dw<sup>TM</sup> Rxe weAvbxi v GKw w gw<sup>TM</sup> K i Ab epk<sup>3</sup> Zi tzi gra<sup>3</sup>g Aw<sup>TM</sup>vi Kti tQb wK Kv t<sup>3</sup>  
Dw<sup>TM</sup> i g<sup>tj</sup> i KKovtbnv nq | GB djvdj e<sup>3</sup>lv Kti th, hLb gj cZeUKZvi w tK ameZ nq Zvt i ep<sup>3</sup> nq Ges  
ZLbB boeto five mjo nq | gj GB evav AYfe Kti Ges gj KKto hvq | gwi qv n<sup>3</sup>wimb (Maria Harrison) e<sup>3</sup>lv t<sup>3</sup>  
th, GB djvdj NUBvmtg dmj x cRbb Dw<sup>TM</sup> i ep<sup>3</sup>tK mnbxq Kite thLv<sup>3</sup> Rj evqj cwi eZ<sup>3</sup> A<sup>3</sup>ev gwUi Ae<sup>3</sup>v tenk  
Pvlv<sup>3</sup> i dtj Lvvc\_vtK |

See Cornell University's news release at <http://www.news.cornell.edu/stories/Sept12/plantRoots.html>. For more information, visit <http://cohengroup.ccmr.cornell.edu/research.php?project=10015>

### weAvbxi v DtbwPb Kti tQb wKfvte Dw<sup>TM</sup> tebRiqK GimW Zix Kti

cv<sup>3</sup> Pwekte<sup>3</sup> vj tqi weAvbxi v Dw<sup>TM</sup> i tebRiqK GimW Zixi c<sup>3</sup>vi c<sup>3</sup>wZ b- v Kti tQb | Aa<sup>3</sup>vcK<sup>3</sup> p<sup>3</sup>wi fv (Professor  
Dudareva) etj tQb th, Dw<sup>TM</sup> tebRiqK GimW e<sup>3</sup>envi Kti DcKvix<sup>3</sup> e<sup>3</sup> Zix Kti hv c<sup>3</sup>Zi<sup>3</sup> v e<sup>3</sup> I ep<sup>3</sup>ea<sup>3</sup> wntmte  
KvR Kti | Dw<sup>TM</sup> tebRiqK GimW Zix Kti wmbbwgK Gim<sup>3</sup>Wi i vmvqubK MVbtK cwi eZ<sup>3</sup> Kti | weAvbxi v g<sup>3</sup>Z, GB  
djvdj fivel tZ weAvbxi v AwaK tebRiqK GimW Drcv<sup>3</sup> b<sup>3</sup>g km<sup>3</sup> cRbtb mrvh<sup>3</sup> Kite |

Read the results of this study at the *Proceedings of the National Academy of Sciences* (doi:10.1073/pnas.1211001109). The news release is available at <http://www.purdue.edu/newsroom/releases/2012/Q3/scientists-uncover-last-steps-for-benzoic-acid-creation-in-plants.html>

### BDti vc

#### weAvbxi v gwUi wWGbG (DNA) wmtKvtqY I wekH Kti tQ

wRtbrg wekH ms<sup>3</sup>vi weAvbxi v gwUi i nm<sup>3</sup> DtbwP<sup>3</sup>bi tPov Kite, Bnvi tRt<sup>3</sup>wUK wdsMvi w<sup>3</sup>U<sup>3</sup> gra<sup>3</sup>g weAvbxi v e<sup>3</sup>lv  
t<sup>3</sup> th, gwUi Dcv<sup>3</sup>vb wekH<sup>3</sup>bi gra<sup>3</sup>g Ziv gwUtZ emevmKvix AYR<sup>3</sup>xtei DNA wmtKvtqY Kti Z cvite | GB  
wmtKvtqYs Gi gra<sup>3</sup>g e<sup>3</sup>sv h<sup>3</sup>te tKvb AYR<sup>3</sup>xte gwUtZ AvtQ Ges Ziv wK KvR Kti |

For more information, visit <http://www.tgac.ac.uk/news/34/68/Chris-Packham-helps-scientists-unearth-soil-s-secret-DNA-to-mark-Biology-Week/>

