



# veſk I ms̄ i Yt evſqvtUK dntj i eZḡb Aē v

ewYwR̄K evſqvtUK wRGg ktm̄i veſk|cwi w̄wZ 2006

## Wt K̄Bf̄tRgm̄ (gj )

ſPqi, ISAAA cwi Pj briteW̄

Ktb̄P̄ veſk̄ē v̄j q, B\_vKv, wDBqK̄, h̄ſ̄ i v̄ō

## c̄ſdmi Wt tK Gg bwm̄iDwī b (Fvlv̄ſi)-

c̄ſ̄ bcb̄ab, D̄v̄bZĒ, evſqvtUK t̄bj w̄R̄ef̄w̄, evsj v̄t̄ k̄ K̄ul̄ veſk̄ē v̄j q, gqgbmsn

RiZ̄xq mgſ̄q̄K, ISAAA

evsj v̄t̄ k̄ evſqvtUK t̄bj w̄R̄ Bbd̄ i t̄gkb̄ t̄m̄Uvi (Bd̄BIC)

2006-2015 Gi ḡtā 2006 nj evſqvtUK km̄ ewYwR̄w̄K̄i t̄bi c̄ſḡ ēſi | 2006 mt̄j 22w̄ t̄tk̄ 10.3 w̄ḡj qb K.I.K 102 w̄ḡj qb t̄n̄i Riġt̄Z evſqvtUK km̄ P̄l̄ K̄ti | 2005 mt̄j 21w̄ t̄tk̄ 8.5 w̄ḡj qb K.I.K 90 w̄ḡj qb t̄n̄i evſqvtUK km̄ P̄l̄ K̄ti |

w̄eM̄Z 11 ēſi (1996-2006) K̄i t̄ki v̄c̄ſq̄w̄, b̄n̄ti evſqvtUK k̄tm̄i P̄l̄ ev̄x̄ K̄ti t̄ſi | evſqvtUK k̄tm̄i ewYwR̄w̄K̄i t̄bi 11 ēſi 1996 t̄t̄K̄ 2006 ch̄ſ̄-veſk̄ evſqvtUK k̄tm̄i Riġ c̄ſq̄ 16 , b̄ ev̄x̄ t̄ct̄q̄ſi | 2005 l̄ 2006 mt̄j i ḡtā veſk̄ | evſqvtUK k̄tm̄i Riġi c̄wi ḡb 12 w̄ḡj qb t̄n̄i ev̄x̄ t̄ct̄q̄ſi hv̄ w̄eM̄Z 5 ēſi i ḡtā w̄Z̄xq̄ ev̄Ēḡ | D̄j L̄ th, veſk̄ | 6.5 w̄ḡj qb R̄bmsL̄ v̄i Āt̄aR̄ 22 w̄ t̄tk̄ Aēv̄b̄ K̄i t̄ſi t̄hL̄v̄b̄ 2006 evſqvtUK km̄ P̄l̄ v̄er̄ K̄i v̄nq̄ Ges Ḡ w̄ec̄j msL̄ b̄mb̄ evſqvtUK km̄ t̄t̄K̄ ēſv̄ck̄ D̄c̄K̄Z nq̄ | Z̄i v̄ov̄ veſk̄ | t̄ḡw̄ d̄mj D̄rc̄v̄ b̄k̄j Riġi Āt̄aR̄ 22w̄ t̄tk̄ w̄ē ḡrb, Av̄i Ḡmē t̄tk̄B̄ evſqvtUK km̄ t̄K̄ P̄l̄ v̄er̄ i R̄b̄ Āb̄jḡr̄ b̄ K̄i v̄n̄q̄ſi |

2006 mt̄j BD̄t̄v̄c̄xq̄ BD̄b̄q̄b̄ t̄t̄K̄ t̄v̄f̄w̄K̄q̄v̄ t̄k̄w̄ Āb̄ 5w̄ evſqvtUK km̄ Avēv̄ K̄i v̄ t̄tk̄ i mt̄\_ h̄ſ̄ nq̄ | Ā\_ſ̄ BD̄t̄v̄c̄xq̄ BD̄b̄q̄b̄ f̄ſ̄ 25w̄ t̄tk̄ i ḡtā 6w̄ t̄tk̄ GL̄b̄ evſqvtUK km̄ P̄l̄ v̄er̄ K̄ti | 2006 mt̄j BD̄t̄v̄c̄xq̄ BD̄b̄q̄b̄ f̄ſ̄ evſqvtUK Avēv̄ K̄i v̄ 6w̄ t̄tk̄ i ḡtā t̄v̄b̄w̄j̄ c̄v̄b̄ t̄k̄ (Leading Country) hv̄ 2006 mt̄j 60,000 t̄n̄i Riġt̄Z evſqvtUK km̄ P̄l̄ K̄ti | evſqvtUK km̄ D̄rc̄v̄ b̄K̄i v̄ BD̄t̄v̄c̄xq̄ BD̄b̄q̄b̄ Ab̄ 5w̄ t̄tk̄ nj d̄v̄ſ̄, t̄PK̄ c̄R̄iZ̄ſ̄ c̄Z̄ſ̄w̄j̄, Riġi b̄ Ges t̄v̄f̄w̄K̄q̄v̄ | Ḡmē t̄tk̄ evſqvtUK km̄ D̄rc̄v̄ b̄k̄j Riġi c̄wi ḡb 2005 l̄ 2006 Gi ḡtā c̄ſq̄ c̄w̄P̄, b̄ ev̄x̄ t̄ct̄q̄ſi |

2006 mt̄j th̄ 22w̄ t̄tk̄ evſqvtUK km̄ D̄rc̄v̄ b̄ K̄i v̄nq̄ Z̄i 11w̄ nj D̄b̄q̄b̄k̄j t̄k̄ Ges 11w̄ nj v̄k̄i c̄v̄b̄ t̄k̄ | Riġi c̄wi ḡt̄bi w̄f̄Ēt̄Z̄ ſ̄ḡb̄jv̄t̄i Ḡ t̄k̄\_ t̄j v̄n̄t̄ſi Av̄t̄ḡi K̄v̄, Av̄t̄R̄ſ̄Ūb̄v̄, ev̄R̄j̄, K̄i v̄w̄v̄, F̄v̄i Z̄, P̄b̄, c̄v̄i v̄\_ t̄q̄, v̄w̄ſ̄ | b̄ Āw̄d̄K̄v̄, D̄i\_ t̄q̄, v̄cl̄uj̄ c̄iB̄b̄, Āt̄ſ̄ſ̄ q̄v̄, t̄i v̄ḡmb̄q̄v̄, t̄ḡr̄ t̄K̄v̄, t̄v̄b̄, K̄j v̄ſ̄q̄v̄, d̄v̄ſ̄, B̄i v̄b̄, n̄ſ̄j̄m̄, t̄PK̄ c̄R̄iZ̄ſ̄ c̄Z̄ſ̄w̄j̄, Riġi b̄ Ges t̄v̄f̄w̄K̄q̄v̄ |

2006 mt̄j veſk̄ | 6w̄ t̄tk̄ meſ̄P̄t̄q̄ teik̄ evſqvtUK km̄ D̄rc̄v̄ b̄ K̄i v̄nq̄ | Ḡ 6w̄ t̄tk̄ nj Av̄t̄ḡi K̄v̄, Av̄t̄R̄ſ̄Ūb̄v̄, ev̄R̄j̄, K̄i v̄w̄v̄, F̄v̄i Z̄ l̄ P̄b̄ | M̄Z ēſi F̄v̄i Z̄ teik̄ c̄wi ḡt̄b̄ w̄eW̄ Z̄j v̄ P̄l̄ K̄ti P̄t̄bi t̄P̄t̄q̄ ḠK̄av̄c̄ ḠiM̄t̄q̄ c̄Āḡ v̄b̄ Āv̄āK̄i K̄ti t̄ſi | Av̄t̄ḡi K̄v̄Z̄ 54.6 w̄ḡj qb t̄n̄i, Av̄t̄R̄ſ̄Ūb̄v̄Z̄ 18.0 w̄ḡj qb t̄n̄i, ev̄R̄j̄ 11.5 w̄ḡj qb t̄n̄i, F̄v̄i Z̄ 3.8 w̄ḡj qb t̄n̄i Ges P̄t̄b̄ 3.5 w̄ḡj qb t̄n̄i i evſqvtUK km̄ P̄l̄ K̄i v̄nq̄ | Av̄t̄ḡi K̄v̄ 54.6 w̄ḡj qb t̄n̄i i ḡtā (53%) 28% w̄j̄ t̄ſ̄K̄w̄ D̄rc̄v̄ | Ḡſ̄v̄ov̄ Ḡ D̄rc̄v̄ ēZ̄ḡt̄b̄ K̄i v̄w̄v̄, Āt̄ſ̄ſ̄ q̄v̄, t̄ḡr̄ t̄K̄v̄, v̄w̄ſ̄ | b̄ Āw̄d̄K̄v̄ Ges v̄cl̄uj̄ c̄iB̄t̄b̄ t̄ḡv̄Z̄v̄t̄q̄b̄ K̄i v̄n̄q̄ſi |

2006 mt̄j evſqvtUK km̄ D̄rc̄v̄ b̄K̄i v̄ Riġi c̄wi ḡb meſ̄P̄t̄q̄ teik̄ ev̄x̄ c̄v̄q̄ Av̄t̄ḡi K̄v̄ 4.8 w̄ḡj qb t̄n̄i | Gi c̄ſi F̄v̄i Z̄ 2.5 w̄ḡj qb t̄n̄i, ev̄R̄j̄ 2.1 w̄ḡj qb t̄n̄i, Av̄t̄R̄ſ̄Ūb̄v̄ l̄ v̄w̄ſ̄ | b̄ Āw̄d̄K̄v̄ c̄ſ̄Z̄ K̄ul̄t̄Z̄ 0.9 w̄ḡj qb t̄n̄i K̄ti | ḠK̄ ēſi i Āſ̄-ſ̄j̄ F̄v̄i Z̄ meſ̄P̄t̄q̄ teik̄ evſqvtUK km̄ D̄rc̄v̄ b̄K̄i v̄ Riġi c̄wi ḡb ev̄x̄ c̄v̄q̄ |

2006 mvtj evtqvtUK ktm'i gta` cãrbvQj evtqvtUK mqweb hv 58.6 wuj qb tn±i (tgvU evtqvtUK Rvgi 57%) RvgtZ Pvl Kiv nq| mqwebi cti fãv (25.2 wuj qb tn±i hv 25%), Zj v 13.4 wuj qb tn±i ev 13% Ges cti K`vtbj v 4.8 wuj qb tn±i ev 5% RvgtZ Pvl Kiv nq| GQvor AvMvQvikK cãZtivax Avj dvj dv I Zj v Ges fãBim cãZtivax tctci I Pvl Kiv nq|

2006 mvtj AvMvQvikK cãZtivax mqweb, fãv, K`vtbj v, Zj v I Avj dvj dv Pvl Kiv nq| cãq 69.9 wuj qb tn±i RvgtZ hv tgvU evtqvtUK km` Drcv` bkxj Rvgi 68% | GQvor netv tcvKv cãZtivax 19.0 wuj qb tn±i RvgtZ tãKW tãBU 13.1 wuj qb tn±i RvgtZ Pvl Kiv nq|

2006 mvtj 22 wv`tk cãq 10.3 wuj qb K.I.K evtqvtUK km` Pvl Kti | Avi 2005 mvtj 21 wv`tk 8.5 wuj qb K.I.K evtqvtUK km` Pvl Kti vj | 2006 G 10.3 wuj qb K.I.Ki gta` 9.3 wuj qb vj Dbqbkxj `tki | 2015 mvtj i gta` mnmtã Dbqbj `gã v ARfbG evtqvtUK km` , i "Zj Ae`vb iv Lte etj avi br Kiv nq|

1996 t`tk 2006 mvj cãS`Kv hvq th, Dbqbkxj `tk cãZ eQi evtqvtUK km` Drcv` bkxj Rvgi cãigrb evx` cvt`Q | 2006 mvtj Dbqbkxj `tk 40.9 wuj qb tn±i (hv tgvU evtqvtUK ktm'i 40%) RvgtZ evtqvtUK km` Drcv` b Kiv nq| Dbqbkxj `tki gta` th mg` `k evtqvtUK km` eUb cãigrb Pvl Kti Zviv nt`Q tm` , tj v nt`Q Pxb, fvi Z, AvtR@Ubr, eãRj I `v`b AvdKv |

1996 t`tk 2006 chS`tgvU 11 eQi µgthwvRZ ewvR`K evtqvtUK ktm'i Rvgi cãigrb vj 577 wuj qb tn±i ev 1.4 wuj qb GKi , hv Avtgmv Kvev Pxbi tgvU Rvgi AtãK A`evh` i v`fã cãPk` , b|

A`%ãZK DcKv`ti i v`K v`tq 1996 t`tk 2005 chS`K.I.K iv cãq tgvU 27 wuj qb gmv`Wj vi mgcãigrb DcKv`i cvq | 2006 t`tk 2015 nt`Q evtqvtUK ktm` wãZxq`ktKi cãg eQi | avi br Kiv vnt`Q cãg`ktK th cãigrb RvgtZ evtqvtUK km` Pvl Kiv nq, wãZxq`ktKi cãg eQi t`tk t`Lv hvq th, wãZxq`ktK AtãK teãk RvgtZ evtqvtUK km` Pvl Kiv nte |

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

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