



## Ciimo Canyonka Cazyisyango Zyisumpukide

### Akalembwa Aba Clive James Basicuuno Bambunga Ya ISAAA

**Kaambo Kakusaanguna. 2014 Wakali mwaka wakkumi amyaka fuka-19-wabulimi buzwidilide bwazyisyango zyandeene andeene.** Kuzwa mumwaka wa 1996 mweelwe wamahekele akavwula akwiindilila amweelwe wa 1.8 watuulunzuma twamahekele akuti zisyango eezyi zyakasyangwa cakuzwidilila, kweelana aciga ca 80% canyika yoonse yacisi ca China naa Cisi Ca America. Zyisyango eezyi zyanyanzabili zyiindene indene zyakasyangwa muzyisi zyili makkumi obile azyisi zyili lusele -28-mumwaka wa 2014 alimwi mahekele akaindilila amweelwe wa 1.7m wamahekele mumwaka wa 1996 kusika kumahekele aali 181.5m mumwaka wa 2014 caalo eeci citoondezya kuti kuli kuyungiziyigwa kwamahekele aali 6.3m kuzwa kumahekele aali 5.0m mumwaka wa 2013 calo eeci citoondezya kuti kulikukomena kuli akati ka 3 alimwi a 4% wazyisyango eezyi. Kuyungiziyigwa kwazyisyango eezyi zyiindi zyili mwaanda citoondezya kuti zisyango eezyi ziyilayandwa abanamaleya banji muciiindi cino nkaambo kakuti ziyalaletela bubotu. Zyisi mozyilimwa zisyango eezyi zyandeene andeene zyakavwula loko kuzwa amweelwe wa cisambomwe mumwaka wa 1996 kusika amweelwe wa zyisi zyili makkumi obile azyisi zyili lusele-28.

**Kaambo Kabili. Mweelwe wabalimi basyanga zisyango eezyi zyanyanzabili.** Mukwaka wa 2014, balimi baina amweelwe wa tuulu nzuma tulu kkumi alusele -18 million-kakuli banji akati kabaaba kabakali balimi basyoonto alimwi abacete, mbobakasyanga mweelwe wamahekele aasika ku 181 watuulunzuma twamahekele wazyisyango zyanyanzabili eezyi muzyisi zyili makkumu obile alimwi alusele. Balimi aaba mbabakonzya kususoloka kuntenda zyinga zyajaya bulimi oobu bukkalilila kwiinda mukulima buyo mweelwe wahekele aasika kutuulunzuma tuli 1.5 tuulunzuma twamahekele, mukucita boobu bayakuvwuna bulongo alimwi azyisaka. Nkakaambo kaako balimi baina kutuulunzuma tuli ciloba bamucisi ca China alimwi abalimi basyoonto baina atuulunzuma tuli ciloba acisela bamucisi ca India bakasala kusyanga mbuto yabuluba iitegwa Bt mumwaka wa 2014 akaambo kabubotu mboyiletela balimi aaba. Ncimwi buyo mumwaka 2014, balimi banji baina amweelwe uuli tuulunzuma tuli myaanda yone alimwi azyuulu zyili kkumi azyuulu zyosanwe zyabalimi basyoonto mucisi ca philippines bakajana bubotu kuzwa kucisyango ca mapopwe.

**Kaambo Katatu. Nkaambo kakuyandisya kwamfulumende kusumpula mutabi wabulimi mucisi ca Bangladesh kwakapa kuti balimi balime cisyango citegwa MAKOWA AACIKUWA.** Kutu mwalangisisya, Bangladesh, kasi kacete kajisi buyo bantu bali tuulunzuma tuli mwaanda amakkumi osanwe -150 million-kakazumizya cisyango eeci camakowa aacikuwa aali amuulo mubotu kapati kuti cilimwe mwalo oomu mwakali mumwezi wakavwumbi kaniini mumwaka wa 2013, alimwi muciiindi buyo cisyonto citaindilili amazuba aali mwaanda, balimi basyoonto bakasyanga cisyango eeci mumwezi wamukazi mazyiba mumwaka wa 2014. Kuzwidilila ooku nikwatakacitika nokwatali kuti mfulumende yakatoondezya kuyandisya kapati kwiinda muli sikulanganya bulimi munene Matia Chowdhury-eeci cijanika buyo muzyisi zyisyoonto zyicete. Cino ciindi cisi ca Bangladesh cijisi bubi kusola kulima azyimwi zisyango mbuli magwili, buluba alimwi amupunga.

**Kaambo Kane. Zyimwi zyisyango zyakazumizyigwa linonlino kusyangwa zyili mbuli magwili mucu ca USA alimwi amakowa aacikuwa mucisi ca Bangladesh.** Mumwaka wa 2014 cisi ca USA cakazumizya zyisyango zyiya zybobile kuti zyilimwe, cakusaanguna magwili aajisi buyoka busyoonto, aajisi busani bubotu, aatafwambi kubola, tafwambaani kusasa, alimwi alafwambaana kugayigwa mwida. Mucisi ca Indonesia bakazumizya kusyanga nzimbe injumu kucilanga. Mucisi ca Brazil bakazumizya bunyangu buyumu kutuzunda bwalo oobo buyanda kuyakusyangwa mumwaka ooyu uboola wa 2016. Mucisi ca Vietnam bakazumizya mapopwe ciindi cakusaanguna mumwaka wa 2014. Kweendelana azyisyango zyiindeene indene zyisyangwa nyika yoone mboibede –mapopwe mucisi ca South Africa, bbakanya mucisi ca USA, alimwi a Canada, ampilipili mu USA, kuli azyimwi zyisyango zyacisyu mani zyili mbuli magwili muzyisi zya Bangladesh alimwi a USA. Magwili ncisyango cane munyika yoonse aano mazuba cipa kuti kube cakulya cinji muzyisi zyili mbuli China, India alimwi amu Europe.

**Kaambo Kasanu. Masi aali osanwe aasyanga zyisyango zyiindeene indene.** Cisi cina America ncecisi cilima kapati amweelwe wamahekele manji kapati aasika ku 40 PERCENT kakuli 90 cilima mapopwe, 93 cilima bunyangu, 94 cilima buluba, kakuli cisi ca Brazil ncecijisi mahekele manji amwaka amwaka kwamyaka yosanwe yayinda. Aciindi mpoonya aawa cisi eeci cakalima bunyangu bunji kusika amweelwe wamahekele aali tuulunzuma tusika ku 5.2 tuulunzuma twamahekele mumwaka wabili kuzwa nicakatalika kulima cisyango eeci, Cisi ca US cakali ncecakainda mumwaka wa 2014, kacijisi tuulunzuma totatwe twamahekele -300 million, kweelanya buyo a Brazil wakajisi buyo mahekele aali tuulunzuma tuli 1.9. Cisi ca Argentina cakali catatu. Cisi ca India cakali cane mukulima buluba. Cisi ca Canada cakali casanu . Mumwaka wa 2014, masi aaya aali osanwe akasyanga zyakulya zyingi zyinga zyabelesyegwa amazuba aazyu kumbele.

**Kaambo Kacisambomwi. Cisyango camapopwe ciyumu kucilanga cakasyangwa mucisi ca US mumwaka wa 2013 cakainda kuvwula zyiindi zyili zyosanwe mumwaka wa 2014.** Mapopwe aaya mayumu kucilanga akasyangwa kusaanguna mucisi ca US mumwaka wa 2013 akavwula kuzwa a 50,000 mweelwe wamahekele mumwaka wa 2013 kusika a 275,000 tuulunzuma twamahekele mumwaka wa 2014 citoondezya kuti balimi bakabutambula bulimi oobu amanza obile, kakuli muzeezo ooyu uyakuwaalwa akubalimi batalikumbatizyi kumfulumende amuciinga ca Afulika mumasi masalesale mumwaka wa 2017.

**Kaambo Kaciloba. Ciimo cazyisyango eezy munyika ya Afulika. Kwategwa cisi ca South SAfrica nokuba kuti cijis cilanga cinji , pesi cilacita kabotu mumakani abulimi oobu.** Cisi ca Sudan alimwi acisi ca Burkina Faso zyilalima buluba nokuba kuti kuli zyilanga mumasi aaya. Masi aali ciloba –Cameroon, Egypt, Ghana, Kenya, Malawi, Nigeria alimwi acisi ca Uganda zyakacita kale myuunda yameebeebe kusola kusunka zyisyango zyimwi zyaandeene andeene. Masi aaya aakumana kulima cisyango camapopwe mayumu kucilanga , kwaambwa kuti ayakuyobwedwa kucisi caku South Africa mumwaka wa 2017. Kubula luziyibo lwabunsengwensengwe akutabamba ciindi kabotu ngamapenzi mapati aapede kuti bulimi oobu buzumininwe. Kufwambaana kuyala nzila akubikka milawo zyilayandika kapati kutegwa zyeelanye kuyandisisya kwabalimi basyoonto aaba alimwi amasi aataninga kusumpuka.

**Kaambo Kalusele. Ciimo cazyisyango eezyi mu Europe. Masi aali osanwe mu Europe akazumanana kusyanga zyisyango zyiimpene impene mumwaka 2013.** Cisi ca Spain Ncecakainda mubulimi bwamapopwe mumwaka wa 2013. Mukumanizya buyo kaambo aaka kwakali bulimi bubotu mumasi aali otatwe kwiinda masi aali obile, akaambo buyo kakuti tebakasyangisya mapoka manji pe.

**Kaambo Ka Fuka. Bubotu bujanika kwiinda mukulima zyisyango zyanyanzabili,** Kuvwuntauzigwa kwakacitwa mumwaka wa 2014 kwakatoondezya bubotu bunji kapati kunze amyaaka makkumi obile iil i kunze. Buvwuntauzi oobu butoondezya kuti misamu iibelesyegwa mubulimi bwazyisyango zyanyanzabili bwayaansi kapati, bwayungizya butebuzi kapati alimwi bwayungizya mpindu balimi njobajana. Buvwuntauzi oobu mbubwena bwaungizya cakulya cavwula loko, cakuti inga cakulya eeci cabikkwa amweelwe wamali uusika ku 133 billion dollars. Buvwuntauzi oobu bwacesya mweelw wamisamu iibelesyegwa, bwacesya mweelwe wabusi bukola, calo eeci ceelene akugusya myootokala iili 12.4 million mumugwagwa amwaka amwaka, bwayobola bulongo kabotu kabotu kuzwa kukunyoonyoka, bwavwuna bantu kubucete baina amweelwe uusika ku bantu bali 16.5 million amikwasyi yabo, balo bali mbacete munyika yaansi iino. Bulimi bwazyisyango oobu bulayandika kapati kufumbwa kuti bwabikkilwa maanu manji kapati kukucincaula zyisyango.

**Kaambo Kakkumi Mazuba aazyia kumbele.** Kuli kulangila kujana mpindu kuzwa kubulimi bwazyisyango eezyi zyanzabili akaambo kanzila zyibotu zyakayalwa, nkabela eeci ciyakuleta kucesyia bucete Kumasi aacisumpuka alimwi amasi aasumpukide kale. Muzeezo mupati oonse ujisi buyo makanze aakulima zyisyango zyanzabili eezyi zyalo zyitiikapegwe Kumasi oonse mummyaka yosanwe iizya kumbele ooku. Kujanikide kuti mweelwe wazyisyango zyili makkumi aali ciloba nguubikkidwe ambali kuti nguuyakubelesyegwa. Zyisyango eezyi zyilisangene azyimwi zyisyango zyipya ziyijisi nguzu naa zyilitoondezya kuyuma kutuuka, kumalwazi alimwi akumisamu. Mupunga cino ciindi ulimukusunkwa kubona kuti sena muyumu buti kumalwazi alimwi amagwili aalo alimukusunkwa kubona mbwali mayumu kumalwazi. Kusunkwa kwazyisyango zyobile eezyi kutola lubazu kuzyisi mbuli caku Bangladesh, Indonesia, alimwi acisi caku India. Mucisi ca America, myuunda yameebeebe yakacitwa kale mwalo oomo mwakasyangwa magwili aatoondezya kuyuma kumalwazi, amwalo mu ciinga ca Afulikka tumbolokonya tulitoondezya kuti ntuyumu kumalwazi. Bana maleya ambunga zyitalikumbatizyi kumfulumende zyakazwidilila akumwaya zyisyango eezyi, alimwi balazyisunka akubona kuti sena nzyiyumu buti kumalwazi. Kusunkwa ooku kulatola lubazu mumasena aali otatwe inyika nkoili kumusanza.

Imbunga ya ISAAA tayiimvwi akupanga mali pe, nimbunga iigwasyigwa abanamaleya ambunga zyitali zyamumfulumende. Mahekele oonse azyisyango zyanzabili eezyi zyakaambilizyigwa mumabbuku aba ISAAA aalo ciindi comwe buyo. Malembe manji ajanika mubbuku litegwa 'Global Status of Commercialized Biotech/GM Crops; 2014 alimwi akalembwa aba Clive James. Kutu kamuyanda kumvwa zyinji inga mwabaswaya ba ISAAA a <http://www.isaaa.org> naa kubatumina luwaile anambala eeyi +254204223618 nokuba kubalembela kang'wadi a [africenter@isaaa.org](mailto:africenter@isaaa.org).