

Waru minisiribirqginrun

-----

Mali gana  
Ba turu – Manugu turu – gagawu Turu

Mali naq toi politiki  
(waru gojo)



DNA / FAO. 2011

**Tiyqbe :**

**Toi tiyq :** Dqnrqñ toi tiyq ùnhi : « I wooi, banaku tùgu maa gau tùgu maa kijq libexu wooi maa tava dqi timq i libevu wooi (tùuru sqwq : kayqrq lee waru lee desanburu iyqpiru) FAO 1977). »

« kijq wooi maa timq i tava gi ye tùxii (walthers ? Feistritz)

**Toibe tùgube :**

- Bùrùdu toibe, na gire toibe
- Toi nabe
- Toi sqqrq sqinbe R1 lee R2 lee

**Toi aju :** Tai aju gqa ye, ùnhi :

- Toi mùùnu sqq ;
- Qjii tajaq ;
- Sinla tolo
- Seisei wù, tùgu yaga le mùrùn la
- Baanran aju le maviyqma gqrin
- Waruwaranq baanran dqu ginu.

**Tùruqu :**

Mali sahqlu ganai, yq nq waruwaranw 80% wùin. Gana ku bqñw kù jugaa, waru bqraq girei bojin. Waru tùuru jexu (l'OA) lee ara waru dawuru tqi lee Mali waru ganai sqqrq tagajaq – Ara waru dawuru tqi gù, Mali nq sùù kanai. Waru kana le bqraq bqamùjq lee dqu gamajaq lee, kùbe birqyrube lee porozqbe lee waru sibq go kyq dqñxu gùbe bei. Kijq bai kùbe bai dqnrqñ goonu birq diyq le digq, toi yqmu ginu. Toi, bqraq goonu lee bqraq bariyqmu lee niwqn yojq taganu doorii. Toi ajii le birq biru gù, waru kijq bariyqmu nq ivu diyq yq sq (30 go 40%).

Mali ku bai baa, Mali guwqrqñqma waruwaranw toi aju bqñ ajii mainiyabe. Toi birq nq leri joo yoabe gaa kù wooi nq toi le birqbirqñw kai kilqñq. Toi bariyqmu birq nq nanhu joo to baanran ginu baara dqi, iya L OA teve womùbe 109, 131, 132, lee 141 womù le ibqsoxu lee toi yqmu goonu lee ku nq ajii sùabe.

Baginrun nq toi politikii daanaa ye, ko le birq biru niwqn gaa sq, politikii gù tùuru lee, birqginrun lee yeguru lee kqqrq lee baanran gùbe wo tagajaq. Kùbe dqi dùn ùnbe yegirin. Gaa dùn gù pilemaa ye, javaun jan wù baanran adurùn nq kijq kana wqido le keje gi ye.

Toi aju waruwaranw kai gùbe kilq bqñ gi ye, ku unum ùm le birqbirqñw ku kunu gaa niwqn yq sq, birqginrun gùnrùn baru lee birqginrun baru lee le.

**Tùruqu**

Dùn ùn denu gù, Mali nq toi politiki taguru dqi wù, denu gù tava turu birqbirqnw wooi dùn turu oju sq bqq gi ye, iya tava lqiye gù, Mali nq waru birq gire yaa gi ye.

Dùn gù toibe ku nq wù.

Mali bqq tava diyq waru le digq, waru gù, inqnw 80%

Waruwaranwi. Waru kiyq PIB nq 46% yojq (waru 26 % yojq).

Waru ivu dqi, guwqraqnqma anrankuju 10 dumunù ùnbe le waru nq kqqrq diyq kunu manugu bai baanran Mali waru sibq paxa wo bqqjq.

Politiki kù Mali nq waru dùn diyqbe yeguru le birqi bojin :

- PDES : waru gojo : wo 2012 yaa dùn Anrankuju nq dqnraqn tùnu miliyùn 10 goonu dqnq ;
- CSCRP wo goonu sqqrq iviru, goonu bai kù, waru numù nq baginrun bqq bariyqmùjq.
- L'OA : wo waru ivu tagarajq, iya toi izinu gireyai niwqn tagarajq.

Mali waru pava sigq le dqnraqn goonu le digq (ara saruqmq qmq / yu) le digq, kù pana baala tevu nq niwqn diyq yq sq, iya inqnw nq, bqqbe jqqraq.

Baginrun bqq nq, ivu bemù le digqnu, CSCRP anrankuju nq bariyi bemù avai iviru : dqnraqn maan 6%, ara 9,9%.

Dago baanran to ginu, avai kùbe bai waru numù nq gana bqq bariyqmùjq – waru sibq go, CSRP denube biru tava diyq toi qju goonu lee ko le birq gaa biru lee dijq. Waru birq bariyi lee ko le digqnu baginrun bqq bariyi lee bqq goonu le, digq, sigq le toi le digq. Bqq goonu, saanu, toi ibqsovu, birqbe birqbirq mùùnu gamaraa ye, sqqu birqxu – Toi sibq go, Mali jugù joo wo bai onu nq, nimq yalu wooi jugù bai gù kqu kqu wù nq ; gana toi yqmu goonu lee kagubu lee dùnrun lee gamuru lee sibq go politiki na sqlq.

Dùn ùn yeguru gù ko le digq.

## **I Saqra**

Toi yqmu le birq gaa biru gù, tava diyq waru birq bariyqmu lee dqnraqn goonu lee le digq, kù dqi waru birqyaru bariyqmu nq ivu diyq turii. Ivu diyq kù onu dimiyi.

Gireyai birqyarube lee waru bariyqmu lee nq mai wù.

Goonu bariyi lee bqq ajii bariyqmu nq toi qju niwqn gù Mali ku bai anrankuju pùùrù le baa Mali ku bqnw kù jugaaxu. Kù ginu IER waru denu gojo nq toi yqmu (SCDSS) kajubu lee saanu lee gojo dagi daanin, birq womù toi yqmin goonu lee saanu kajubu lee.

Anrankuju 1970 be nq, waru gireyai ginrun joo daanu onu lee yalu maan anrankuju joo onu lee toi kai joo biya SCDSS goonu gùnrùn dqi gaa biyi.

Kù ginu toi birq yeguru qju niwqn yoi baanran waaru kana le digqnu toi baajq birq birq bqq gq. Kù 1977 le toi yqmu goonu birq (OPSS) daanin, birq womù toi goonu lee mùùnu lee suru lee saanu lee.

Tùùru lee kajubu lee sagu SCDSS pqi gù duuiyù boi kana womù toi yqmu tùùru lee kajubu lee gojo dagi (SRCSS) gqxu.

Bariyi birqbiru niwqn nq nanhu joo to lee toi yqmu nanhu goono dqi, baginrun toi ginrun yara yarin, ko nq toi yqmu sibq go 1987 le baginrun politiki yegirin.

Yara kù nq yeguru lee mùùnu lee yaru lee kajubu lee (baginrun toi numù, tùgube komité) lee gojo lqi daanin, uja birqbiru ginrun turu, kù baginrun toi ginrunhi (SSN)

Waru gireyai minisiribirqginrunbe leri anrankuju 1980 biyi gù le digqnu tùùru n° 91 – 052/P – CTSP utu bai 21 anrankuju 1991 le OPSS leri baginrun toi ginrun daanin.

Waarù kù le waruwaranw nq gùnrùn gamu tanugu politiki tumunin ; kù ginu mùrin goonu dakin, waruwaranw toi birqbe nq ku kunùnu tumunin.

Birqginrunbe pilemu yeguru gù, barq birqyaru gùnrùn tanugu lee pilemu yeguru lee waru ginrunbe saanu lee ku nq dan lee tiyq tagu le digq, iya birqginrunbe gireyai baru lee waru yoru kunu lee digq. Kù onu pava dawuru tqi, unu goonu, divq le kominube ku bemù kajubu, barq divq le dqu, ku urumù le birqbirq tumunu kùbe waru birq nq leri joo kunu.

Leri kùbe SSN birq nq leri kunu, kù toi ginrun nq birq tanugu, birqbirqnw nq sagu duuru, kù ginu waaru dumi le birq gùbe inq yagabe nq tanugin.

Baginrun toi ginrun (SSN) woi daanin le baa toi R1 lee R2 lee birqbirqnw lee mùrinya birq birqja, birq na gù toi sqqrq bariyqmii

1997 le denu dqnin le digqnu, dqnrqn porobabe nq toi yqmin baanran baa wù avai yu lee saruqmq qmq mù 15% ; ara sùru lee anrandi lee mù 35%, iya ara di nq to mù 8%

## **II Tiyq tagu**

Baginrun toi yqmu lee kai joo kilqmu baqqnq, kù dqi inqnw mù nq yaavu.

Dqnrqn poroba toi yegirin le birq biru avai ajii bariyawù :

Saruqmq 35,25 % ; qmq : 27,85 % ; yu : 26,30 % ; qriyq banrun : 21,92 % anrandi ara : 14,25 %

Minq waraxu yege 25,11 % denu garu (SSN, PAFISEM) 2007) mù 10,22 %.

Toi le waru birq yeguru gù, politiki aju daanu lee toi aju goonu le kajubu lee ibqsoxu lee gamuru lee politiki aju le digq.

Kù ginu toi politiki yeguru tiyq yq sq.

Politiki kù, oju le digqnu toibe goonu lee saanu lee tagaraja. Toi politiki jugu lee ko le birq biru lee jiiru tolo waru birq bariyqmùjq.

Dùn gù, sqqrq le toi politiki ojube lee birqbirqnw lee baanran ko le birqbirqxu lee birq birqxu lee kajubu lee yqnu lee tagaraja.

Dùn dqnhì dqnhibe nq tùùru tobe toi politiki nq to.

Politiki kù ginu yegirin gù mai wù ; kù waru birq nq leri yojq kajubaa ye, birqbirqnw denube kilq baqq gi ye.

## **2.1 Paxa**

Mali toi politiki paxa ùn bei :

- L'OA biyi toi nq niwqan diyq obojq gù,
- Paxa bqanw toi birq gire yaa dqi, tùùru jexu sibq go hakilq aju be bqi ;
- Toi yeguru sibq go jugù be sq,
- Waru sibq go minq lee di lee joo sqyi
- Toi koperatiwu biyi
- Qreziyùn joo nq, toi gamuru yalu joo lee, toi R1 lee R2 lee goononw lee
- Waru numù, waru arusqgqamavu, izinu birq tùgu joo gù toi yqm u goonu lee dùnrun lee bariyqmùjq.
- Mali ku bqanw, Mali numugu gana guyùì biyq dqi, politiki be bqi lee dqnraqn ibq kunu hakilq lee.
- L'OA nq waru gireyai dqi paxa baginrun nq kqqrq daanu.

## **2.2 Paxa yùru :**

Paxa yùru ùnbe jugaaxu.

- birq nq ku unumù le birqbirqanw joo la
- Tùùru sqwq baa la
- Toi birq tanwanjq kqqrq dawuru tqla
- waru birq nq toi yqmu niwqan birqbirqanw nq tagala
- birqbirqanw joo kqqrq siyq la lee atqmu birq lee
- bqri maa waaru para le toi suru lee gqriyi lee yalu aju wùlù
- Waru politiki wùlù, bqraq waju dùnrun dawuru tqla sigq le dqnraqn maa anran anrankuju gaa mi.
- Dqnraqn joo nq toi sqqrq sq avai baala
- Avai aju obola
- Birq biru lee birq mùùnu baa la lee dqi toi geru gojobe tumù le mùrùnla.

## **III Ojube**

Baginrun toi politiki yeguru gù, waru birq gireyai lee pùmù lee dqi kanranxu.

Toi silqgo ganabe mùrinyi lee tùùrube mùùnu lee ko le digq gù baginrun nq toi politiki yeguru lee ko le birq biru lee le paa.

Toi politiki gù tava turu toi birqbirqanw gùnrun barajq, iya toi birq numù birqi bojojq.

Kù dqi oju wo aajq ùnbei.

- Kayqrq bai lee, dqnraqn daanu lee, kù waru birq bariyqmu waru pùmù lee ku nq dan
- Waru gojo birqbirqanw daqu ai le jaiyi
- Sara bqraqbe gqriyi gireyai kù sara babu le digqnu bqraq gaa goonii
- Waru birq yeguru gireyai

## **IV Denube**

### **4.1 Denu porobabe**

Toi politiki ivuru gù birqginrun daanu le digq, tiya gù toi numù yegurii, toi numù kù birqbirqnw mùùnube lee ku unumù le birqbirqnw lee ku kunu ku naq dan.

#### **4.2 Denu yaqminbe**

Denu yaqminbe ùnbei :

- Toi birq jugu lee yeguru lee kqarq dqu lee
- Bqarqaru lee toi yaqmin le binq biru gire yaamu lee
- Toi sqarq sqin ibqsoxu ojube bariyaamu lee toi goonu birq ku unumù birqi boju
- Tùùru sqwq naq paxa obu

#### **V Baanran**

Ku go denu tobe kanrun dawuru ùnbe tqi le digq

##### **1. Toi birqbe yeguru lee kqarq dqu lee :**

Kù baginrun naq toi kqarq dqanii. Kù baginrun naq toi yaqminbe qbaq mùùnnaa ye, kirq waaru le ko le birqbirii, goonu waaru wooi be naq toi yaqminbe bqi, iya toi birqbirqnw nanhu be naq dùùin gùbe baru.

##### **2. Dqrqniq toi lee toi sqarq sqin le ku naq kibaru tagu :**

Toi tugu pava sq, waruwaranw naq tavaja jugu dqi arajo naq kunaa ye, saanaxu. Kù gireyai ginrunbe naq jugu sqwqbe yeguru, saanu, obii, iya toi goonu yalube naq toi ibqbe lere lere kunu.

##### **3. Toi nabe goonu birqaru :**

Birq kù tiya gù birqginrunbe lee ku unumùbe le toi na (SB) goononw lee anrankuju kaibe ligi, goonu aaru kunu dqi.

##### **4. Toi na Qju ujuru bava naq obu :**

ISB naq SB waru kqarq obu jan wù kù, waru aarube baba dqi, iya qarq onu birq birq bqq dqi.

##### **5. Ku unumùbe le toi birqbirqnw mùyaamu lee gùnrùnbe mùbe bariyaamu lee :**

Birqbirqnw gùnrùn bariyaq dqi, deeru sqwq jan yegereun jaan wù kù, jugu bemù bariyaq dqi.

##### **6. Goonu jugu lee toi sqarq sq ya wù lee :**

Goonu jugu toi R1 lee R2 lee goononw gojobe daanu le garaja, jugu lee kqarq lee sibq go gùnrùn bemùbe bariyaamu, toi kajubu ginrun (LABOSEM) naq geru kunu lee gùnrùn womù bariyaamu lee, toi sqarq sq yalu surùxu lee qarriyaamu lee yeguru naq birqbirqnw baru, iya dumunù baginrun toi ginrun kqarq duunu (Baginrun ku kjobu mùùnu, nanhu, baru, jala SCRD mù)

##### **7. Toi izinu birq yeguru lee biru lee :**

Toi izinu birq yeguru lee biru lee ku unumù le birqbirqnw birq gire yaa dqi pava baru tùgube jugu le kanranxu.

##### **8. Waru yalu dqanhi dqanhibe naq toi sqarq sqin ye wùin jugu :**

Waru yalu dqanhi dqanhibe naq toi sqarq sqin biyi gù, toi sqarq sqin gamaranw gojobe daanu le digq, waruwaranw mùùnu dqi koperatiwu ginu toi butikibe

daanu, toi gerube lee gqriyi lee toi birqginrun ibqsoxu lee nq gamuru gamaranw nq jugu deeru.

**9. Toi sqqrq sqin biyi ku nq kibaru ya wu jugu lee waruwaranw ujuru lee :**

Kibaru biyi gu, ereziyùn nq go ye dago ulo toi sqqrq sqin jugu lee obu lee birq mùùnu lee guju bariyi le digq. Kù, iya toi jugu sqwqbe saanu lee gamuru lee le garaja.

**10. Toi birqbirqnw mùrinyi bariyi :**

Pava baginrun nq waruwaranw mùùnu daanaun jan wu, iya ASEMA maa toi mùùnu yagabe baru jan wu toi birqbirqnw wa kibaru go tumu mùùnu bqq dqi.

**11- Toi sqqrq sqin kajubu dqi tùuru sqwqbe waru numu nq obu :**

Waru numu nq tùuru sqwqbe obu gu, toi tùuru sqwq pilemu javu le kanranxu, minisiri ivu le waru dqnhi dqnhibe nq toi tùuru sqwqbe yeguru, baginrun nq toibe komite daanu iya baginrun nq toi tugu sqwqbe pilemu yeguru.

**12. Yamu yamqnw king kaariyamu :**

Yamuyamqnw bqqnq nq kija janbe, sumùrùbe, sin kanrun, iya king kaariyamu tugu yagabe be nq oboun jan wu, be ma waru binq nq ku kunu gq.

**VI Birqbirqnxu :**

Birqbirqnxu unbei

**Birq baanran n°1**

- Toi ginrun yara yaru nq birqbirqnxw nq jugu deeru
- Toi yara yaru.
- Toi na (ISB) birq dqi kqqrq dqu
- ISB daanu
- ISB nq birq kqqrq obu
- ISB lee gojo womube lee nq geru obu

**Birq baanran n°2**

- Toi pava sqin ajii jugu dqi, saanu kunu
- Toi pava sqin le birq birq taguru
- Tan pinuru baibe kunu
- Gireyai ginrunbe nq tugu pava sqin birq sqwqbe saanu
- Qreziyùn dqnhi dqnhibe nq toi ibqbe kunu

**Birq baanra n°3**

- Gireyai birqbe nq anrankuju nq SB kaibe jugu, ku unumube toi waranw lee baginrun nq ku kajubu kaibe jugu
- Ku unumu le toi waranw lee gireyai lee denu lee birqginrunbe lee le waru aarube kunu.

**Birq baanran n°4**

- Toi na (SB) gaa wara dqi ISB nq waru kqqrq obu,
- ISB lee/maa gojo womube lee/maa ku unumu le birqbirqnxw lee SB waru aarube le digqnu,

- SB waru onu birq pava kunu ISB le aaru kunin le.

#### **Birq baaran n°5**

- Birqdeeru sqwq yeguru
- Toi waranw na jugu deuru (waru tugu dqnhi dqnhi dawuru le suru gqriyi, birqginrun kajubu)

#### **Birq baaran n°6**

- Erezuyun tuturu na toi R1 waranw gojo daanu, iya R2 sqrikili wooi na,
- Jugu lee kqqrq sibq go toi waranw gunrunbe bariyqmu,
- LABSEM na geru obu lee gunrun womu bariyqmu lee binq womube saaviyqmu,
- Suru yalube yeguru lee toi sqqrq sqinbe gqriyi lee na toi numu birqbirqnw baru,
- Baginrun na toi kqqrq daanu (baginrun ku kajubu suru, nanhu, kqqrq obu, SC R2 kqqrq).

#### **Birq baaran n°7**

- Birq womube waniyaa ye tanwan dqi, ku unumu le birqbirqnw na pava baru tugebe jugu,
- Ku unumu le birqbirqnw birqbe waniyaa ye, tanwan dqi baru jugin tugebe le birq biru.

#### **Birq baaran n°8**

- Koperatiwu ginu toi butikibe daanu baru
- Waruwaranw munube na toi sqqrq sqin gamaranw gojo daanu,
- Toi birq gerube lee kajubu leeto ginrun ibqsoxu lee ku na gamurugamaranw na jugu deuru.

#### **Birq baaran n°9**

- Qreziyun na goye dago ubo toi sqqrq sqin ujuru lee obu lee munu birq lee jugu birq lee bariyqmu,
- Toi jugu sqwqbe saanu lee gamuru lee.

#### **Birq baaran n°10**

- ASEMA maa toi munu yagabe baru jan wu, toi birqbirqnw wa kibqru sibq go tumu munu baq dqi,
- Baginrun na munu muyqmu baru.

#### **Birq baaran n°11**

- Toi turu sqwq pilemu javu, toi bai janbe le digqnu, iya ko le birqbiru turu jexenu,
- Dqrqn waru, izinu kijq waru, ururu, timq i, unu birq, beru turu sqwqbe le birqbiru.
- Baginrun toi komite daanu,
- Dqrqn waru, izinu kijq waru, ururu, beru tugu sqwq baginrun na wu kana boju,
- Timq i, unu kijq sqwqbe lee jugu sqwqbe lee yeguru
- Dqmq waru, izinu kijq waru, ururu, berube, turu sqwqbe kana boju,
- Toi tugebe sqwq poroba danbe turii boju,
- OGM (toi tanugaxu) kunu, ko le birqbiru ku na turu sgru sqwq yeguru

#### **Birq baaran n° 12**

Baqna na kijq janbe : sumube lee, sin kanrunbe lee yagabe lee daanu.



**VII Yqnu / kajubu :**

Yenu / kiyubu birq ùnbei :

- Toi birq dqi, yqnu kajubu sqwq goonu maa sqwq gù nq pava obu.
- Toi birq ku nq kibqru mùùnu lee yeguru lee saanu lee
- Toibe ku nq jugù mùùnaa ye, daanu,
- Yqnu lee kajubu lee sqwq nq sqqrq to le aa ye, bqri bqri kajubu birq biru,
- Birq wqidobe oju qjii bqqa dqi, baanran yegerexu gùbe jugu,
- Inqnw joo nq kibqru obu.

**VIII Birgginrun lee yeguru kunu lee :**

Baginrun toi politiki yeguru lee ko birq biru lee yqnu lee kajubu lee dqi, birgginrunbe lee yegurube lee jan wù. Birgginrun gamu yq wùin, gaa oju sqnq. Birq bemù pilemu yqnu jan wù, kù toi gojo birq bariyqmùjq.

Birq yaru.

Denu I: Birqdeeru, yeguru, kqqrq.

Deeru ojube	Birq birqxu	Birq waaru	Sagu duwiyi birgginrunbe	Birqbirqnu toin
1. Kqqrq jaqru dawuru tqi	-toi yeguru birqyaru	2009 - 2013	IER, IPR, IFRA ICRISAT	USAID / Mali, INSA AVRDC, WASA, CNFA

	<p>birqbirqnw na jugu obu</p> <p>-birqyaru</p> <p>-toi na dqi, kqqrq dqu (ISB)</p> <p>-toi na yeguru (daanu sqwq, ixu baanranbe)</p> <p>-ISB na kqqrq obu</p> <p>-ISB lee gojo bemube lee na geru obu.</p>			
<p>2. Toi tugu lee toi sqqrq sqin bai lee ku na kibaru obu</p>	<p>-toi tugu paxa sqin qjii jiigu dqi saanu</p> <p>-Kanran taguru, toi tugu pava sqin be taguru, tan pinu ru bai</p> <p>- gireyai birq genrunbe na toi tugu pava sqin birq sqwqbe saanu.</p> <p>-Qreziyùnbe na toibe ibq kunu.</p>	2009 - 2013	USB / IER	<p>IPR / IFRA, ICRISAT, AVRDC, DNA, DRA, ODR, CMDT, CMDT, SSN ASSEMA, AOPP, PDRM, CORAF</p>

<p>3. Toi nabe goonu birqyaru</p>	<p>-Gireyai ginrunbe lee ku umu le toi goononw mu na anrankuju na SB kaibe jugu, iya baginrun ku kajubu dqrqn suru kaibe jugu,</p> <p>- Denu lee gireyai lee ginrunbe lee ku unube toi goononw lee goonu</p>	2009 – 2013	ISB / IER	<p>Denu lee gireyai ginrun lee, ku unumu birqgin run lee</p>
-----------------------------------	--	-------------	-----------	--

	aarube kunu.			
4. Toi na aju ujuru kilqmu	-SB avai jan goonu dqi, ISB na yoru kunu -ISB lee maa gojo womùbe lee maa ku unumù le birqbirqnw lee SB goonu aarube le digqnu -SB goonu onu birq ISB aaru le biru	2009 – 2013	ISB / IER	Denu lee gireyai lee ginrunbe lee ku unumù birqginrunbe kqqrq obonw lee
5. Ku unumù le toi goononw gùnrqnbè bariyqmu lee jugùmu lee	-Deeru sqwqbe yeguru -Toi goononw na jugù deeru (goonu dqnhi dqnbiye, gqriyi aju lee suru lee, birqginrun yeguru.	2009 – 2013	ISB / IER	IER, IRP, ICRISAT AVRDC, LABOSEM SSN, barubaranw yagabe

**Denu 2 :** goonu birqyaruu lee toi yqmu le birq biru gireyai lee

Deeru ojube	Birq birqxu	Birq waaru	Sagu duwuyi birqginrunbe	Birqbirqnw toin
-------------	-------------	------------	--------------------------	-----------------

6 .Goonu lee toi sqqrq tobe jqqrq lee	Qrezijùn wooi nq lee sqrikili wooi nq lee waruwaraw toi goononw mùùnu daanu	2009 - 2013	DNA, SSN	Gireyai birqginrunbe lee ku unumù birqginrun lee APCAM toi nq sqqrq sqin goononw mùùnube
	Jugù lee kqqrq lee le toi goononw baru	Waru wooi	DNA, SSN	Denu lee kajububu lee ginrun, birqyarube lee porozqbe lee, PAFUSEM, PDRN, APCAM, CRA CNOP, kqqrq obonw
	Geru lee ABOSEM baru lee, iya birq womùbe goju lee	2009 - 2013	MA, DNA / SSN	PAFUSEM, PASICT
	Toi sqqrq sqin gùbe suru lee gqiyi lee yalube yeguru nq toi birqbirqnw baru	2009 - 2013	DNA / SSN	Kajubu ginrunbe, birqyarube, PAFUSEM, PDRM, APCAM, CRA, CNOP, PAFICT
	Baginrun nq toi kqqrq daanu (baginrun ku kajubu surù, nanhube, sigq le SCR2 kqqrq obu	Waaruu wooi	DNA / SSN	APCAM, CRA, CNOP, kqqrq obonw
7.toi izinu yeguru lee yq nq birqbiru lee	Birq womùbe saanaa ye tanwan gi ye, pava ku unumù birqginrun bara gi ye baru tùgu wo kamanja jugu. Ku unumù birqginrun birq be saanaa ye, tanwan dqi, baru tùgu jugin le birq biru	2009 - 2013	MA, MIC, MEF	ACMA, APCAM, CRA CNOP, CNS

**Denu 3 :** Toi goonu birq ku unumù le boju : Toi sqqrq sqin gùbe ibqsovu ojube bariyqmu.

Deeru ojube	Birq birqxu	Birq waaru	Sagu duwuyi birqgirunbe	Birqbirqnw toin
8. goonu yalu dqnhi dqnhibe	- toi sqqrq sqin gùbe gamaranw	2009 - 2013	DNA / SSN Gireyai	FAO, IFDC, USAID SG 2000

nq toi sqarq sqin jqaru	tùì mùùnu daanu. - goonu goononw mùùnube dqi, koperatiwube nq toi butiki pinuru naaran boju.		ginrunbe lee porozqbe lee birqyarube lee	
	Toi jugu gerube lee kajubu lee toi dùnrun ginrun lee ku nq gamuru gamaranw nq jugù deeru	Waaruu wooi	DNA, porozqbe lee birqyarube lee ORIAM, ACMA	FAO, USAID, IFDC SG 2000, AFSTA
9. Toi sqarq sqin gùbe biyi lee goonugononw lee nq ujuru sibq go waaru woi kibqru obu	Qreziyùn nq go ye, dago ulo toi sqarq sqin ujuru lee bqi lee sqwq mùùnu lee yeguru lee birq bariyqmu	2009 - 2013	APCAM / OMA	DNA-DRA, ofisube, ORAM, ACMA, SG 2000, FAO, AFSTA, USAID
	Toi sqwqbe nq jugù lee yarabe lee toin saanu lee gamuru le	Waaruu wooi	Toi sqarq sqin gamaranw	Porozqbe lee birqyarube lee APCAM, CRA, IER, DNA ofisube, OMA
10. Toi birqbirqnw logoro tumù baru bariyqmu	-Baginrun nq mùùnu daanu - CMA maa, toi goonu mùùnu yagabe baru. Toi birqbirqnw kibqru bqi sibq go mùùnu daana dqi	2009 - 2013	DNA / SSN	APCAM Porozqbe lee birqyarube lee

#### Denu 4 : Tùùru bariyqmu

Deeru ojube	Birq birqxu	Birq Waaruu	Sagu duwyi birqginunbe	Birqbirqnw toin
11. Birq gù toi	Toi bqi janbe le	2009 – 2010	MA, DNA / SSN,	APCAM,

sqarq sqin gùbe kajubu tùuru sqwqbe yeguru	digqnu, Mali gana nq toi le tùuru digq pilemu javu iya ko le birqbiru tùuru jexu		IER, CNS	AOPP, INSAH
	Minisiri tùuru le daqraqn lee waru uzinu yojq, ùrusùru timqsùru, unu kijq, binugu ku nq tùuru jexu.	2009 – 2010	MA, DNA/SSN, CNS	IER DNA/DLCP /LABOSEM, INSAH
	Baginrun nq toi komité daanu lee iya inqanw boi ivuru lee birq baanran lee tùuru jexu.	2009 – 2010	MA, DNA/SSN	APCAM, AOPP, IER
	Baginrun nq daqraqn tùgube lee izinu nq waru kijq yojqbe lee ùru kijqbe lee berube lee sqwq danbe kana boju. Timq ibe lee unu kijqbe lee sqwqbe lee tùurube lee yeguru.	2009 – 2013	DNA/SSN, IER, CNS	PAFISEM
	Daqraqn lee izinu waru kijqbe lee ùru kijqbe lee berube lee tùurube kana boju	2009 – 2013	DNA/SSN, IER, CNS	PAFISEM
	Minisiri tùuru le tùgube sqwq turii boju	2009 – 2013	MA, DNA/SSN, CNS	IER, IPR/DLCP, DNA/ LABOSEM
	OGM (daqraqn bire) kunu, kayi sqarq kunu ku nq tùuru sqwq yeguru	2009 – 2013	MA MEA IER DNA/SSN CNS	APCAM AOPP
12.Yqmu yqmaqanw kinq kaarimuyq	Baqraq janbe, babu sqwq, jala bai	Waaruu wooi	MA-MENC-MEF- DNA/SSN Baginrun sqarqbe ginrun diyq	PAFISEM APCAM CRA CNOP

**Kajuba :**

- Denu birqginrun-----: IER, IPR/IFRA, ICRISAT, AVRDC
- Gireyai birqginrun-----: DNA, SSN, ODR, CMDT

-D