

Binciken albarkatu da al'ummar yanayin kasa (AAES)

(AAES)

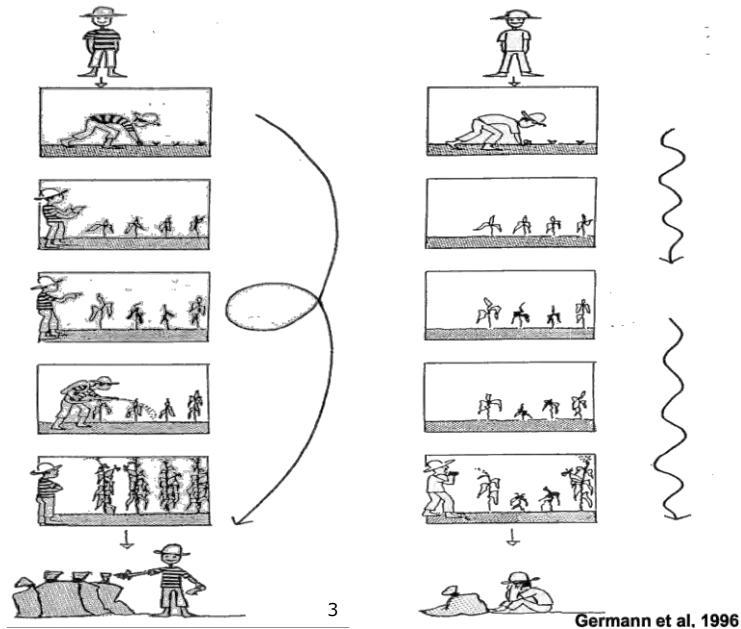
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Mine ne AAES? (Binciken al'ummar yanayin kasa)

- AAES aiki ne na kulawa mai zurfi na yau da gobe, kuma tsari ne na gwaji a cikin CEP. Cikin AAES ana tantance bincike ta hanya mai sauvi da kuma mai zurfi.
- AAES ta kumshi tsari na masamman da ke karfafa manoma kamar haka:
- bincike mai zurfi, koyo da yi, bincike da bada ra'ayi, gabatar da bayani cikin kwanciyar hankali, yanke shawara cikin taro.
- AAES, shi ne babban jagoran CEP

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Kula da aiki yau da gobe yana da anfanin ga manoma



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Germann et al. 1996

Abubuwan da AAES ya kumsa

- Zuwa gona ba fashi (kowane sati)
- Kula sosai da anfani gona da kuma sauran abubuwa
- Daukan sakamakon bincike mai sauvi da mai zurfi don tantance girman icce da sabo da yi
- Tsara sakamakon binciken da aka kaddamar da kuma shirya rahoto bisa zane da hoto
- Bada bayani da rahoto da kuma tattamanawa cikin jama'a
- Tafiyar da bincike mai zurfi da yanke shawara tare da jama'a

Tsari ukku da AAES ya kumsa

- Aikin AAES yana da hawa ukku:
- Tafiyar da AAES
- Aikata binciken AAES
- Gabatar da AAES

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Tafiyar da AAES

- Shirya gungu gungu kwatamcin hilayen gwaji
- A ziyci babbar gonar
- A lura da itacen, da yanayin wurin da kuma tsarin abubuwan wurin
- A auna daidai girman shibkokin da aka zaba
- A kayyade duka shaidar da aka gani

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Samfarin shibkoki

- Akwai hanyoyi dayawa na zabar samfarin shibkokin
- Zaben da ba shiri, wanda ake jefa duwatsu ta baya
- Lisafin shibkoki cikin tsari
- Zabe ta tsararrun hanyoyi a ckin gona
- Zaben al'ummar yanayi masu karko da kuma madaidata.

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Lura da AAES

Hoton AAES yana gwada :

- Cikakkiyar Lahiyar shibka
- Tsarin girman shibkar
- Adadin mugwayen kwari da kuma kwari masu anfani
- Ciwaya da kuma alamar cutar da take jikinshi
- Halin Yanayi
- Asalin wurin

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Bincike na masamman lokacin gudanar de AAES

- Wadansu mambobin suna sabko don su fara aiki a babbar gonar
- Da sassafe, ana iya ganin sabin abubuwa a babbar gonar, kuma ana kara ilimi. Sai an yi jira lokaci ya yi don mamabobin sun samu su yi kafin wani ya zaburo
- Masu koyon suna fara AAES Cikin babbar gonar ba tare da sun yi lura sosai ba
- A gayawa masu koyon da su lura da shibkokin kafin su fara awo
- Masu koyon ba su lura da kwari
- kowane gungu yi anfani da fara roba ko kuma butali
- a tambayi masu koyon da su kama kwari su sa cikin mazubi (a yi hankali da mugwayen kwari)

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Lura da shibka kafin a fara awo



Lura da shibka kafin a fara awo

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Lura da shibka kafin a fara awo

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Lura da bannar kwari

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Kama kwari don a lura da su sosai

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Lura da cutoci

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Lura da cutoci

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Lura da cutoci

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Lamarin gudanar da AAES

- A auna girman shibka (tsayi, adadin ganyen/reshe, fadi/tsawon ganyen, kabrinshi
- kwayoyin cuta da kwari maras lahani da al'ummar su
- Adadin ciyawa
- Irin cutoci ta kuma bannar da suke iya haddasawa
- kasancewar wurin
- lokaci
- cikakkiyar lafiyar shibkar

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Don mi yakamata a auna da kowane lokaci ?

- cikin kula da AAES, wani lokaci manomin yakan bar awon shibka kuma ya ba da dalilai kamar haka:
- ‘muna iya kulawa kadai da shibkar tunda dai haka ake su mu yi »
- « muna iya bari sai a karshe muna auna shibkar»

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Manufar awo ta fannin AAES

- Manufar auna shibka ta fannin AAES shi ne don a dauki alamu don a gwada girman shibkar kuma a gane banbanta aikin da aka mu su
- Awon yana kara jawo hankalin manoma ga shibkokin ya kuma ba su damar taba shibkokin
- Wannan yana kuma ba manoman lukacin lura da shibkokin sosai maimakon su duba a gaggaue su wuce. Awon yana razana manoman amma kuma yana da anfani.

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Awon shibka

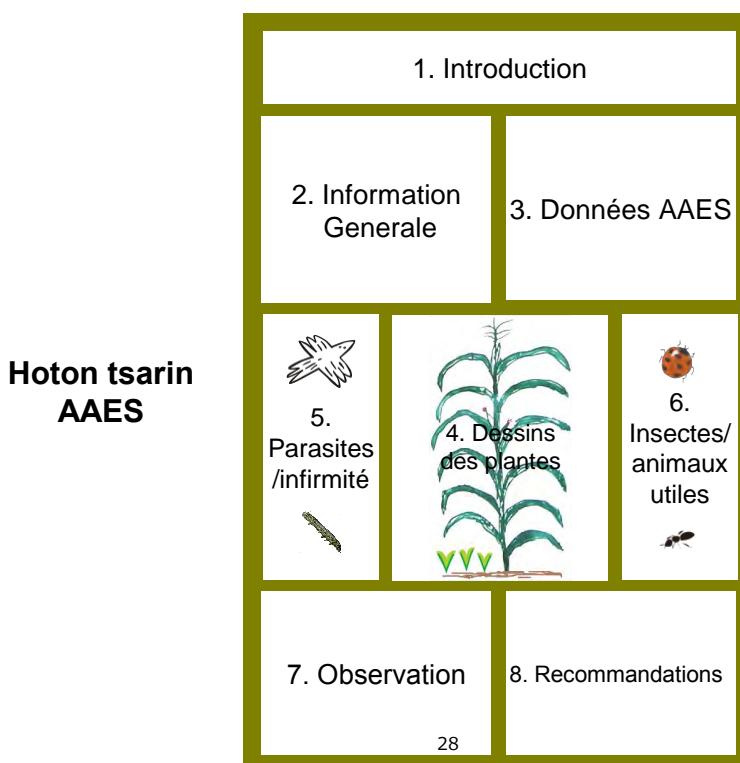


Gwada anfanin garka bayan an lura da shibka kuma ana auna ta

Gudanar da AAES

- Bincike da tattara sakamakon cikin tsari don a bayyana shi a taro kuma mutane su ba da ra'ayinsu
- Gudanar da AAES a cikin kowane gungu
- Daukan ra'ayin kowane mamba cikin gungu har da ma wadanda ba su yi karatun boko ba

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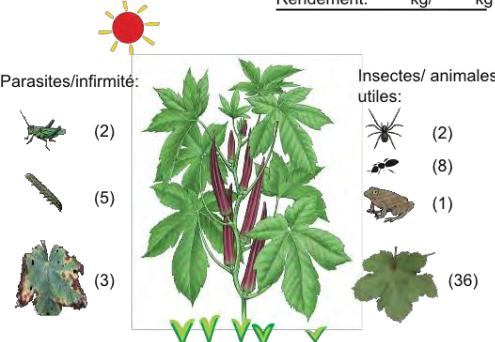


Shirya aikin AAES

- In aka ci lokaci dayawa wajen shiryawa saboda rubuce rubuce, sai takaita labarun da za'a rubuta bisa takardun yadda wadanda ba su yi karatun boko ba za su gane
- wadanda ba su yi karatun boko ba su ma su ba da ra'ayin su
- a ba su dama su yi zane da hoton su

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Hoton mai sauki na AAES

Nom de CEP: _____	
Nom. de Sous-groupe: _____	Date de AAE: _____
Cultures: _____	Nb. de AAE: _____
Variétés: _____	Hauteur de plante: / cm
Non. de semaine: Depuis le semis	Largeur de feuille: / cm
	Nb. de fruits récoltés: /
	Rendement: kg/ kg
	
Parasites/infirmité:	Insectes/ animales utiles:
 (2)	 (2)
 (5)	 (8)
 (3)	 (1)
Observation:	Recommandations:
_____ → _____	_____
_____ → _____	_____
_____ → _____	_____

Hanya ta kama masu banna da kuma gane cutoci a fannin AAES

- Samfari/hoton kwari da al'umar su
 - a gwada shi a bangaren hagun na shibkar
- samfarin/hoton kwari masu anfani da al'umar su
 - a gwada su a dama da shibkar
- samfarin/hoton alamar inda cutar ta kama kuma da adadin su
 - a gwada a bangaren hagun da hoton shibkar
- samfarin/hoton alamar inda cutar ba ta kama ba da kuma adadin su
 - a gwada a dama da hoton shibkar

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Nombre de CEP: _____

Nom. de Sous-groupe: _____ Date de AAE: _____
Cultures: _____ Nb. de AAE: _____
Variétés: _____ Hauteur de plante: / cm
Non. de semaine: _____ Largeur de feuille: / cm
Depuis le semis Nb. de fruits récoltés: / _____
Rendement: kg/ kg

Parasites/infirmité: Insectes/ animales utiles:

Observation: _____ → _____
_____ → _____
_____ → _____

Recommendations: _____



Ba da sakamakon aikin AAES a cikin gungu

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Akwai mai gabatar da aikin cikin kowane gungu

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Zane da hoton aikin AAES ga wadanda ba su yi
karatun boko ba



Daukan ra'ayin kowane mamba na gungun

Shawarwari game da AAES

- Yakamata a ce kowace shawara, sai da aka lura da shibkar sannan aka yi ta. Kenan, duk shawara yakamata a ce ta biyo bayan bincike.
- Yakamata a ce mai bada bayani ya bada shawara bayan da ya yi bincike
- **Kallo 1 =>** shawara 1
- **Shawara 2 =>** kallo 2

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Gabatar da AAES

- A gabatar da dukan gungun
- A bada bayanai
- A bada ra'ayi, a kuma tattamna (ra'ayi da shawarwari)
- Mai gabatarwa ya bada ra'ayinshi
- A yi godiya
- Mai gabatarwa ya yi bayani
- A tattamna a taro, a kuma shirya tsarin aiki (in har ya cancanta)

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Karfafawa

- Kar a mance a gaida wadanda su ka gabatar da aikin
- A taba musu sosai
- Kowane gungu zai zabi daya bayan daya wanda zai gabatar da aikin AAES lokaci mai zuwa
- AAES aiki ne mai karfafa sanin manoma kuma ya kara musu yarda. Kenan sauya masu gabatrawa yana da anfani. (kar a ce kullum mutun guda ne)

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Abubuwa masu anfani game da AAES

- A yi AAES da sassafe
- Yawancin kwari masu banna dare ne lokacin fitar su
- A yi aiki a kuma yi bayaninshi rana daya
- AAES ya kumshi daukan sakamako, gudanar da bincike da kuma hanyar yanke shawara

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Maganar karshe

- AAES tana karawa manoma karfi kamar haka :
 - Tana kara musu sani wajen bincike
 - Tana kara musu dubara wajen kula da bincike ta hanya mai sau ki da kuma mai zurfi
 - Tana karfafa musu sani wajen bada bayani cikin taro da karawa juna ilimi ta hanya cudayya
 - Tana basu damar tattamnawa da kafarfa sani wajen yanke shawara cikin taro

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