



RESEARCH
PROGRAM ON
Livestock

More meat, milk and eggs by and for the poor

Implementation calendar 2021 for the SmART pack interventions

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(compiled from contributions of the SmART team)

ICARDA and ILRI



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CGIAR is a global partnership that unites organizations engaged in research for a food-secure future. The CGIAR Research Program on Livestock provides research-based solutions to help smallholder farmers, pastoralists and agro-pastoralists transition to sustainable, resilient livelihoods and to productive enterprises that will help feed future generations. It aims to increase the productivity and profitability of livestock agri-food systems in sustainable ways, making meat, milk and eggs more available and affordable across the developing world. The Program brings together five core partners: the International Livestock Research Institute (ILRI) with a mandate on livestock; the International Center for Tropical Agriculture (CIAT), which works on forages; the International Center for Research in the Dry Areas (ICARDA), which works on small ruminants and dryland systems; the Swedish University of Agricultural Sciences (SLU) with expertise particularly in animal health and genetics and the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) which connects research into development and innovation and scaling processes.

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1 Intervention calendar 2021 for Menz

Herd health	Jan -21	Feb -21	Mar- 21	Apr -21	May -21	Jun -21	Jul- 21	Aug- 21	Sep -21	Oct- 21	Nov- 21	Dec -21	Deliverables
Deworming SR for GI parasites and lungworms						X						X	Report on integrated AH interventions
Deworming dogs for coenuruses			X		X				X				Report on integrated AH interventions
Vaccination for ovine pasteurellosis				X						X			All the vaccination details included in the report on integrated AH interventions
Vaccination for PPR											X		
Vaccination for sheep pox										X			
Vaccination for Anthrax												X	
Targeted feeding for pregnant ewes/does	Continuous throughout the year												Report on integrated AH interventions
Community conversation on different modules (Gender & Zoonosis, AMR, Animal Welfare, Animal Health Management, GI parasite control, reproductive & respiratory diseases)		X		X	X			X					Report of community conversations, success stories, blogs
Follow-up of community actions after CC sessions	Continuous												
Impact studies on AH interventions												X	Journal paper (aim to have draft by end of 2021)
Reflection/learning on CC implementation			X	X					X				Report on CC implementation
Training for AH service providers on lab SR GI parasites and coenurus analysis and foldscope				X									Training report (with AAU)
Training on herd health framework for vets and AH service providers (SLU)					X								Report of training
Feeds and Forages	Jan -21	Feb -21	Mar- 21	Apr -21	May -21	Jun -21	Jul- 21	Aug- 21	Sep -21	Oct- 21	Nov- 21	Dec -21	Deliverables

Smart nutritional strategies development and flushing of breeding ewes and rams	X	X	X	X	X	X	X	X	X	X	X	X	Guidelines on nutritional flushing for breeding ewes & rams
Development of business cases for sheep fattening youth groups						X	X	X	X	X	X	X	Report on identified and rolled-out profitable and youth friendly business models for sheep fattening youth groups
Strengthening entrepreneurship culture in sheep fattening youth groups					X	X	X	X	X	X	X	X	1. Report on training of trainers for at least 60 development workers and 40 youth group leaders on the use of ESD manuals 2. Manual on finance literacy for sheep fattening youth groups
Integration of identified cultivated forages into the feeding systems	Continuous throughout the year												Report on farmer forage preferences
Strengthening of gender capacities for sheep fattening youth group and partnership platforms						X	X	X	X	X	X	X	Report on strengthening gender capacities of youth groups
Genetics	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Remarks and Deliverables
Establish breeder cooperatives in new sites	X	X	X	X									With Cooperatives & extension/Reports
Follow-up of enumerators and cooperatives and technical support for cooperatives	Continuous throughout the year												Reports
Pedigree and performance data recording and uploading to digital database	Continuous throughout the year												Data and reports
Breeding ram selection and ranking				X									Reports

Pregnancy testing, mass synchronization and artificial insemination									X	X			Linked with health team/ Reports
Breeding sire procurement and avail best rams for breeder cooperative, distribute to the new intervention site and other beneficiary					X				X	X			with the involvements of Extension/ Reports
Market linkage for breeding sire and meat animals	Continuous throughout the year											Reports	
Promote elite breeding sires and CBBP using different communication tools (newspaper, radio, social media, TV)	Continuous throughout the year											Reports	
Farmer and DA training				X									Training reports
Evaluation of CBBPs and discussion with community				X									Reports
Organize National/local animal show/field day									X	X			Reports
LLAFS	Jan -21	Feb -21	Mar- 21	Apr -21	May -21	Jun -21	Jul- 21	Aug- 21	Sep -21	Oct- 21	Nov- 21	Dec -21	Deliverables
Implementation of Community conversation on feed, animal health and collective marketing on the SmaRT pack sites	X	X	X										Scientific reports and publication
Baseline data collection KAPS from control and intervention sites	X	X	X										Data
End line data collection KAPS from control and intervention sites					X	X							Data
Impact assessments on community conversation					X	X	X	X					Scientific paper draft report
Monitoring and follow ups of community action of the CC	X	X	X	X	X	X	X	X	X				Report
Implementation of gender capacity training for research and development partners			X	X									Training reports
Monitoring and follow ups of partners on the implementation of Gender capacity involvement					X	X	X	X	X				Reports

Visits to sites and discussion with producers and market actors			X										Report on marketing models for 4 SR VC sites
Discussion with sheep and goat traders in secondary markets and tertiary [Addis Ababa] markets			X										
Discussion on draft marketing models with producers					X								
Shared activities	Jan -21	Feb -21	Mar-21	Apr -21	May -21	Jun -21	Jul-21	Aug-21	Sep -21	Oct-21	Nov-21	Dec -21	Deliverables
Community meetings at the selected VC sites to set up multi-stakeholder platforms at community level and secure key partners and stakeholders involvement	X	X	X	X	X								Reports
Set up multi-stakeholder platforms at district level to secure input and service suppliers which built on the community-level platforms				X	X								Reports
Implementation of action plan defined in the partnership landscaping report						X	X	X	X	X	X		Reports
Renew partner agreements with RARIs for 2020-2021 for all CRP Livestock activities and the country program	X	X											Agreement signed document

2 Intervention calendar for Doyogena

Herd health	Jan - 21	Feb - 21	Mar -21	Apr -21	May -21	Jun -21	Jul- 21	Aug - 21	Sep -21	Oct -21	Nov- 21	Dec- 21	Deliverables
Deworming SR for GI parasites and lungworms		X					X						Report on integrated AH interventions
Vaccination for ovine pasteurellosis		X						X					All the vaccination details included in the report on integrated AH interventions
Vaccination for PPR									X				
Vaccination for sheep pox				X									
Vaccination for Anthrax						X							
Targeted feeding for pregnant ewes/does			X	X									Report on integrated AH interventions
Community conversation on different modules (Gender & Zoonosis, AMR, Animal Welfare, Animal Health Management, GI parasite control, reproductive & respiratory diseases)		X					X	X	X	X			Report of community conversations, success stories, blogs
Follow-up of community actions after CC sessions		Continuous											
Impact studies on AH interventions												X	Journal paper (aim to have draft by end of 2021)
Reflection/learning on CC implementation									X				Report on CC implementation
Training for AH service providers on lab SR GI parasites and coenurus analysis and foldscope				X									Training report (with AAU)
Training on herd health framework for vets and AH service providers (SLU)					X								Report of training

Feeds and Forages	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Deliverables
Smart nutritional strategies development and flushing of breeding ewes and rams			X	X	X	X	X	X	X	X	X	X	Guidelines on nutritional flushing for breeding ewes & rams
Development of business cases for sheep fattening youth groups					X	X	X	X	X	X	X	X	Report on identified and rolled-out profitable and youth friendly business models for sheep fattening youth groups
Strengthening entrepreneurship culture in sheep fattening youth groups				X	X	X	X	X	X	X	X	X	1. Report on training of trainers for at least 60 development workers and 40 youth group leaders on the use of ESD manuals 2. Manual on finance literacy for sheep fattening youth groups
Integration of identified cultivated forages into the feeding systems	Continuous throughout the year												Report on farmer forage preferences
Strengthening of gender capacities for sheep fattening youth group and partnership platforms					X	X	X	X	X	X	X	X	Report on strengthening gender capacities of youth groups
Genetics	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Remarks and Deliverables
Follow-up of enumerators and cooperatives and technical support for cooperatives	Continuous throughout the year												Reports
Pedigree and performance data recording and uploading to digital database	Continuous throughout the year												Data and reports
Breeding ram selection and ranking	X				X								Reports
Pregnancy testing, mass synchronization and artificial insemination	X				X								Linked with health team/ Reports

Breeding sire procurement and avail best rams for breeder cooperative, distribute to the new intervention site and other beneficiary		X											with the involvements of Extension/ Reports
Market linkage for breeding sire and meat animals	Continuous throughout the year												Reports
Promote elite breeding sires and CBBP using different communication tools (newspaper, radio, social media, TV)	Continuous throughout the year												Reports
Farmer and DA training			X										Training reports
Evaluation of CBBPs and discussion with community				X									Reports
Organize National/local animal show/field day									X	X			Reports
LLAFS	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Deliverables
Implementation of Community conversation on feed, animal health and collective marketing on the SmaRT pack sites	X	X	X										Scientific reports and publication
Baseline data collection KAPS from control and intervention sites	X	X	X										Data
End line data collection KAPS from control and intervention sites							X	X					Data
Impact assessments on community conversation								X	X	X	X		Scientific paper draft report
Monitoring and follow ups of community action of the CC	X	X	X	X	X	X	X	X	X				Report
Visits to sites and discussion with producers and market actors			X										Report on marketing models for 4 SR VC sites
Discussion with sheep and goat traders in secondary markets and tertiary [Addis Ababa] markets			X										

Discussion on draft marketing models with producers					X								
Shared activities	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Remarks/ Deliverables
Community meetings at the selected VC sites to set up multi-stakeholder platforms at community level and secure key partners and stakeholder involvement				X	X								Reports
Set up multi-stakeholder platforms at district level to secure input and service suppliers which built on the community-level platforms				X	X								Report
Implementation of action plan defined in the partnership landscaping report						X	X	X	X	X	X		Reports
Renew partner agreements with RARIs for 2020-2021 for all CRP Livestock activities and the country program	X	X											Agreement signed document

3 Intervention calendar for Sekota

Herd health	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Deliverables
Deworming SR for GI parasites and lungworms			X						X				Report on integrated AH interventions
Vaccination for ovine pasteurellosis		X						X					All the vaccination details included in the report on integrated AH interventions
Vaccination for PPR								X					
Vaccination for sheep pox			X										
Vaccination for Anthrax					X	X							
Vaccination for CCPP						X							
Targeted feeding for pregnant does				April Onwards									Report on integrated AH interventions

Community conversation on different modules (Gender & Zoonosis, AMR, Animal Welfare, Animal Health Management, GI parasite control, reproductive & respiratory diseases)				X					X	X			Report of community conversations, success stories, blogs
Follow-up of community actions after CC sessions					Continuous								
Impact studies on AH interventions												X	Journal paper (aim to have draft by end of 2021)
Reflection/learning on CC implementation									X				Report on CC implementation
Training for AH service providers on lab SR GI parasites and coenurus analysis and foldscope				X									Training report (with AAU)
Training on herd health framework for vets and AH service providers (SLU)					X								Report of training
Genetics	Jan -21	Feb -21	Mar- 21	Apr -21	May -21	Jun -21	Jul- 21	Aug- 21	Sep -21	Oct -21	Nov- 21	Dec- 21	Remarks and Deliverables
Establish breeder cooperatives in new sites				X	X	X							With Cooperatives & extension/Reports
Follow-up of enumerators and cooperatives and technical support for cooperatives	Continuous throughout the year											Reports	
Pedigree and performance data recording and uploading to digital database	Continuous throughout the year											Data and reports	
Breeding bucks selection and ranking	X	X	X	X	X	X							Reports
Pregnancy testing, mass synchronization and artificial insemination					X	X							Linked with health team/ Reports
Breeding sire procurement and avail best rams for breeder cooperative, distribute to the new intervention site and other beneficiary	X	X	X	X	X	X							with the involvements of Extension/ Reports

Market linkage for breeding sire and meat animals	Continuous throughout the year											Reports	
Promote elite breeding sires and CBBP using different communication tools (newspaper, radio, social media, TV)	Continuous throughout the year											Reports	
Farmer and DA training				X	X	X							Training reports
Evaluation of CBBPs and discussion with community				X									Reports
Organize National/local animal show/field day									X	X			Reports
LLAFS	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Deliverables
Implementation of Community conversation on feed, animal health and collective marketing on the SmarT pack sites							X	X	X				Scientific reports and publication
Baseline data collection KAPS from control and intervention sites							X	X	X				Data
End line data collection KAPS from control and intervention sites										X			Data
Impact assessments on community conversation										X	X	X	Scientific paper draft report
Monitoring and follow ups of community action of the CC								X	X	X			Report
Implementation of gender capacity training for research and development partners				X	X								Training reports
Monitoring and follow ups of partners on the implementation of Gender capacity involvement					X	X	X	X	X				Reports
Visits to sites and discussion with producers and market actors			X										Report on marketing models for 4 SR VC sites

Discussion with sheep and goat traders in secondary markets and tertiary [Addis Ababa] markets			X										
Discussion on draft marketing models with producers					X								
Shared activities	Jan -21	Feb -21	Mar-21	Apr -21	May -21	Jun -21	Jul-21	Aug-21	Sep -21	Oct -21	Nov-21	Dec-21	Deliverables
Community meetings at the selected VC sites to set up multi-stakeholder platforms at community level and secure key partners and stakeholders involvement				X	X						X	X	Reports
Set up multi-stakeholder platforms at district level to secure input and service suppliers which built on the community-level platforms				X	X		X						Reports
Implementation of action plan defined in the partnership landscaping report						X	X	X	X	X	X		Reports
Renew partner agreements with RARIs for 2020-2021 for all CRP Livestock activities and the country program	X	X											Agreement signed document

4 Intervention calendar for Bonga

Herd health	Jan -21	Feb -21	Mar -21	Apr -21	May -21	Jun -21	Jul-21	Aug -21	Sep -21	Oct -21	Nov-21	Dec-21	Deliverables
Deworming SR for GI parasites and lungworms			X							X			Report on integrated AH interventions
Deworming dogs for coenurus	X			X				X				X	Report on integrated AH interventions
Vaccination for ovine pasteurellosis				X							X		
Vaccination for PPR												X	

Vaccination for sheep pox				X										All the vaccination details included in the report on integrated AH interventions
Vaccination for Anthrax							X							
Targeted feeding for pregnant ewes/does					X	X		X					X	Report on integrated AH interventions
Community conversation on different modules (Gender & Zoonosis, AMR, Animal Welfare, Animal Health Management, GI parasite control, reproductive & respiratory diseases)		X		X			X	X						Report of community conversations, success stories, blogs
Follow-up of community actions after CC sessions		Continuous												
Impact studies on AH interventions													X	Journal paper (aim to have draft by end of 2021)
Reflection/learning on CC implementation									X					Report on CC implementation
Training for AH service providers on lab SR GI parasites and coenurus analysis and foldscope				X										Training report (with AAU)
Training on herd health framework for vets and AH service providers (SLU)					X									Report of training
Feeds and Forages	Jan -21	Feb -21	Mar- 21	Apr -21	May -21	Jun -21	Jul- 21	Aug -21	Sep -21	Oct -21	Nov- 21	Dec- 21	Deliverables	
Smart nutritional strategies development and flushing of breeding ewes and rams			X	X	X	X	X	X	X	X	X	X	X	Guidelines on nutritional flushing for breeding ewes & rams
Development of business cases for sheep fattening youth groups					X	X	X	X	X	X	X	X	X	Report on identified and rolled-out profitable and youth friendly business models for sheep fattening youth groups
Strengthening entrepreneurship culture in sheep fattening youth groups				X	X	X	X	X	X	X	X	X	X	1. Report on training of trainers for at least 60 development workers and

													40 youth group leaders on the use of ESD manuals 2. Manual on finance literacy for sheep fattening youth groups
Integration of identified cultivated forages into the feeding systems	Continuous throughout the year												Report on farmer forage preferences
Strengthening of gender capacities for sheep fattening youth group and partnership platforms					X	X	X	X	X	X	X	X	Report on strengthening gender capacities of youth groups
Development of content and airing of radio programs on market-oriented sheep fattening	Continuous throughout the year												At least nine monthly radio shows on market-oriented improved sheep fattening practices
Genetics	Jan -21	Feb -21	Mar-21	Apr -21	May -21	Jun -21	Jul-21	Aug -21	Sep -21	Oct -21	Nov-21	Dec-21	Remarks and Deliverables
Follow-up of enumerators and cooperatives and technical support for cooperatives	Continuous throughout the year												Reports
Pedigree and performance data recording and uploading to digital database	Continuous throughout the year												Data and reports
Breeding ram selection and ranking				X					X			X	Reports
Pregnancy testing, mass synchronization and artificial insemination				X	X	X			X			X	Linked with health team/ Reports
Breeding sire procurement and avail best rams for breeder cooperative, distribute to the new intervention site and other beneficiary						X							with the involvements of Extension/ Reports
Market linkage for breeding sire and meat animals	Continuous throughout the year												Reports

Promote elite breeding sires and CBBP using different communication tools (newspaper, radio, social media, TV)	Continuous throughout the year												Reports
Farmer and DA training							X	X					Training reports
Evaluation of CBBPs and discussion with community			X										Reports
Organize National/local animal show/field day									X	X			Reports
LLAFS	Jan -21	Feb -21	Mar- 21	Apr -21	May -21	Jun -21	Jul- 21	Aug -21	Sep -21	Oct -21	Nov- 21	Dec- 21	Deliverables
Implementation of Community conversation on feed, animal health and collective marketing on the SmART pack sites	X	X	X										Scientific reports and publication
Baseline data collection KAPS from control and intervention sites	X	X	X										Data
End line data collection KAPS from control and intervention sites					X	X							Data
Impact assessments on community conversation					X	X	X	X					Scientific paper draft report
Monitoring and follow ups of community action of the CC	X	X	X	X	X	X	X	X	X				Report
Implementation of gender capacity training for research and development partners			X	X									Training reports
Monitoring and follow ups of partners on the implementation of Gender capacity involvement					X	X	X	X	X				Reports
Visits to sites and discussion with producers and market actors			X										Report on marketing models for 4 SR VC sites
Discussion with sheep and goat traders in secondary markets and tertiary [Addis Ababa] markets			X										

Discussion on draft marketing models with producers					X								
Shared activities	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Deliverables
Community meetings at the selected VC sites to set up multi-stakeholder platforms at community level and secure key partners and stakeholders involvement	X	X	X	X	X								Reports
Set up multi-stakeholder platforms at district level to secure input and service suppliers which built on the community-level platforms				X	X								Reports
Implementation of action plan defined in the partnership landscaping report						X	X	X	X	X	X		Reports
Renew partner agreements with RARIs for 2020-2021 for all CRP Livestock activities and the country program	X	X											Agreement signed document