

POTATO FFS WEEKLY SCHEDULE

Weeks/ Meeting	Sessions/Topics	Methods	Materials
Preparatory Meeting (1)	Orientation and briefing to the community and stakeholders about FFS. <ul style="list-style-type: none"> • What is FFS • How it will be organized • What benefits for the farmers • What support project will provide • Duration, methodology, role of the community requirements • Criteria for participants 	<ul style="list-style-type: none"> • Organization general meeting • Briefing/Explanation • Questions/Answers 	<ul style="list-style-type: none"> • Meeting venue • Stationary: Paper, marker, white board • Posters/Photos
Preparatory Meeting (2)	<ul style="list-style-type: none"> • Selection of participants • Community mapping • Discussion on general challenges and priorities for improving potato cultivation 	<ul style="list-style-type: none"> • PRA • Discussion and analysis 	<ul style="list-style-type: none"> • Stationary: Paper, marker, Flip chart, drawing pen
Preparatory Meeting (3)	<ul style="list-style-type: none"> • Preparation for action plan • Discussion on the requirements for FFS i.e., study field, meeting place 	<ul style="list-style-type: none"> • Participatory Discussion 	<ul style="list-style-type: none"> • Stationary: Paper, marker, Flip chart, drawing pen
Preparatory Meeting (4)	<ul style="list-style-type: none"> • Identification of study field • Preparation and Lay out of the study field • Preparation for the meeting place • Pre-test (Ballot box) 	<ul style="list-style-type: none"> • Participatory Discussion • Small group work • Setting of BBT 	<ul style="list-style-type: none"> • Stationary: Paper, marker, Flip chart, drawing pen • Hard paper or paper box, gum, papers, rope, specimen, scissors

FFS ON THE FIELD				
Week	Session /Topic	Procedure	Materials required	Responsible person
Week 1	<ul style="list-style-type: none"> • Physiological development of seed tuber - Seed size and physiological condition - Seed selection - sprouting of seed potato 	<ul style="list-style-type: none"> • Special class, PD, practical, Leading questions, 	<ul style="list-style-type: none"> • Seed tuber of different physiological age, sizes, damaged by pest and physically damage. • Brown paper, marker pens • Seed tuber, space with diffuse light room 	Participant/facilitators
Week 2	<ul style="list-style-type: none"> • Soil properties: Soil texture, structure and living soil. • Essential elements, importance and functions • FYM improvement, chemical fertilizer testing, identification, calculation and application method. 	<ul style="list-style-type: none"> • Special class, practical and demonstration, PD • PD and GD (building a house) • Special class, PD, practical leading questions (field study) 	<ul style="list-style-type: none"> Hoe, shovel, brown paper, marker pens. Water, clay, loam and sandy soils. • Brown paper, marker pens • Sample of chemical, stove, frying pan, fertilizers, hydrogen peroxide, pan, water, glass containers 	Facilitator / Participants
Week 3	<ul style="list-style-type: none"> • Lay out and Field preparation • Seed preparation: <i>Cutting and curing</i> 	<ul style="list-style-type: none"> • PD, demonstration • Special class, practical and demonstration, PD 	<ul style="list-style-type: none"> • Bucket, knives, jute bag/cloth, water, soap, fungicide, ash. • 	
Week 4	<ul style="list-style-type: none"> • Significance of methods of planting potatoes in ridge or flat • • Effect of spacing on canopy cover and yield • Planting FFS field 	<ul style="list-style-type: none"> • Special class, practical, PD (planting of comparison study) • Special class, practical and demonstration, PD • Ploughing, leveling, layout of the trials, manuring, ridge/furrow making, demonstration 	<ul style="list-style-type: none"> Hoe, shovel, rope, measuring tape, pegs, note book, seed, fertilizers, compost/FYM, • Field with growing season plants (exa:wheat, barley, fodder etc) 	Participants/ Facilitator/

Week 5	<ul style="list-style-type: none"> • Basic concepts of Agro-ecosystem • Finalization of observation parameters of AESA monitoring 	<ul style="list-style-type: none"> • PD and group work 	GD (Thread game) Plywood board, brown paper, marker pens, colored pencil, sign pen, scale, plastic bags, lens, masking tape.	Facilitator / Participant
Week 6	<ul style="list-style-type: none"> • Soil water holding capacity and infiltration rate • Water management: Crop water requirement, irrigation scheduling, methods and techniques of water application. 	Special class, PD, Leading questions,	Hoe, shovel, mineral water bottles, plastic bags, water and different types of soils (clay, loam, sandy and sand). Measuring cylinder or plastic cup	Facilitator / Participant
Week 7	<ul style="list-style-type: none"> • Emergence, disease/insect, soil moisture and cultural operation requirement • Weeding, top dress, earthing up and irrigation 	Field observation, special class, PD, leading questions, related demonstration, specimens	Plastic bags, tape, hoe, marker pens, lenses	Facilitator / Participant
Week 8	<ul style="list-style-type: none"> • Food web and food chain • Insect drawing 	PD Field exercise	Brown paper, marker pens, color pen,	Facilitator / Participant
Week 9	<ul style="list-style-type: none"> • Agro ecosystem analysis (AESAs -1) • Weeding, top dress, earthing up and irrigation 	PD, Field observation, sample plant identification, pegging, observation, collection of insect disease and weed sample, drawing, analysis and presentation PD, field practicum	Plywood board, brown paper, marker pens, colored pencil, sign pen, scale, plastic bags, lens, masking tape. Hoe, shovel, fertilizers	Facilitator / Participant
Week 10	<ul style="list-style-type: none"> • Agro ecosystem analysis (AESAs -2) • Disease triangle and management of late blight of potato 	PD, field observation, analysis and presentation Field observation, Special Class, PD, leading questions.	Board, brown paper, marker pens, colored pencil, sign pen, scale, plastic bags, lens, masking tape. Brown paper, marker pens, disease specimen	Facilitator / Participant

Week	• Agro ecosystem analysis (AESAs -3)	PD, field observation, analysis	Board, brown paper, marker pens,	Facilitator / Participant
-------------	--------------------------------------	---------------------------------	----------------------------------	---------------------------

11	<ul style="list-style-type: none"> • Soil pest management 	<p>and presentation</p> <p>Special class, PD, leading questions</p>	<p>colored pencil, sign pen, scale, plastic bags, lens, masking tape.</p> <p>Specimen</p>	
Week 12	<ul style="list-style-type: none"> • Agro ecosystem analysis (AESAs -4) • 	<p>PD, field observation, analysis and presentation</p>	<p>Board, brown paper, marker pens, colored pencil, sign pen, scale, plastic bags, lens, masking tape.</p>	<p>Facilitator / Participant</p>
Week 13	<ul style="list-style-type: none"> • Agro ecosystem analysis (AESAs -5) <p>Role and importance of indigenous microorganisms (IMOs) and organic manure</p> <ul style="list-style-type: none"> • Preparation of IMOs and Production of Fermented plant Juice (FPJ) 	<p>PD, field observation, analysis and presentation</p> <p>Special class, PD, preparation of botanical pesticides</p>	<p>Board, brown paper, marker pens, colored pencil, sign pen, scale, plastic bags, lens, masking tape.</p> <p>Botanical plant parts for formulation, water, molasses knives, buckets and plastic bottles.</p>	<p>Facilitator / Participant</p>
Week 14	<ul style="list-style-type: none"> • Agro ecosystem analysis (AESAs -6) • Specific pest management 	<p>PD, field observation, analysis and presentation</p> <p>Field observation, special class, PD, leading questions,</p>	<p>Board, brown paper, marker pens, colored pencil, sign pen, scale, plastic bags, lens, masking tape. Specimen, papers, markerpens</p>	<p>Facilitator / Participant</p>
Week 15	<ul style="list-style-type: none"> • Agro ecosystem analysis (AESAs -7) • Demo establishment for compost making using IOMs 	<p>PD, field observation, analysis and presentation</p> <p>PD and presentation</p>	<p>Board, brown paper, marker pens, colored pencil, sign pen, scale, plastic bags, lens, masking tape.</p> <p>IOM, bedding materials, FYM, Hoe, plastic sheet</p>	<p>Facilitator / Participant</p>

<p>Week 16</p>	<ul style="list-style-type: none"> • Agro ecosystem analysis (AESAs -8) • Monologue of pesticide/self monitoring of pesticide poisoning • Root and plant vessel 	<p>PD, field observation, analysis and presentation</p> <p>Field exercise and role play observation, PD, leading questions,</p> <p>PD and exercise</p>	<p>Board, brown paper, marker pens, colored pencil, sign pen, scale, plastic bags, lens, masking tape.</p> <p>Apron, dye, sprayer, tipol, specimen, dark room.</p> <p>Different type of weeds and potato plants, plastic bottle, red ink/dye, bottle</p>	<p>Facilitator / Participant</p>
<p>Week 17</p>	<ul style="list-style-type: none"> • Agro ecosystem analysis (AESAs -9) • Effect of pesticide on IPs and NEs 	<p>PD, field observation, analysis and presentation</p> <p>Field exercise, PD, leading questions,</p>	<p>Board, brown paper, marker pens, colored pencil, sign pen, scale, plastic bags, lens, masking tape.</p> <p>Different types of pesticides, live specimen of IPs and NEs, sprayer (5), mineral water bottle, muslin cloth, rubber band</p>	<p>Facilitator / Participant</p>
<p>Week 18</p>	<ul style="list-style-type: none"> • Post-test (BBT) • Planning for next season crop /next season nursery establishment or seed preparation. 	<p>PD, field observation, analysis and presentation</p> <p>PD, leading questions,</p>	<p>Hard paper or paper box, gum, papers, rope, specimen, scissors.</p> <p>Board, brown paper, marker pens,</p>	<p>Facilitator / Participant</p>
<p>Week 19</p>	<ul style="list-style-type: none"> • Practice of haulm pulling • Harvesting, sorting, curing, grading, storage and marketing • Finalizing field day plan and preparation 	<p>PD, field observation, field exercise</p> <p>Field exercise, PD & Presentation</p> <p>PD, leading questions,</p>	<p>Brown paper, marker pens, colored pencil, sign pen,</p> <p>Different type of carrying bags, tying rope, hoe, shovel, rope, space for curing and grading</p> <p>Brown paper, marker pens,</p>	<p>Facilitator / Participant</p>

Week 20	<ul style="list-style-type: none"> • FIELD DAY 			Participant/ Facilitator
Week 21	<ul style="list-style-type: none"> • Cost- benefit analysis • Trial set up for post harvest 	<p>PD, field observation, field exercise</p> <p>PD and practical</p>	<p>Information sheet, Brown paper, marker, masking</p> <p>Brown paper, marker, masking tape</p>	Facilitator / Participant
Week 22	<ul style="list-style-type: none"> • Group strengthening /cooperative formation, strengthening and networking • Post harvest/storage AESA-1 • Wrap up and next program planning 	<p>PD and practical exercise</p> <p>PD, Storage observation, exercise \ PD</p>	<p>Brown paper, marker pens, register, colour pencil</p> <p>Tuber, different potato containers</p> <p>Brown paper, Marker pen</p>	Facilitator / Participant