Environmental and Social Screening Checklist of Super Seeder Deployment under PCAP

Basic Information

Farmers Name		**S/W/D of**	
CNIC		**Contact Number**	
Super Seeder Allotment Number		**GPS Coordinate**	
Age		**Gender**	☐ Male ☐ Female ☐ Other
Residential Address / Village / Tehsil / District		**Is this household headed by a woman?**	☐ Yes ☐ No
Education / Literacy Level	☐ Illiterate ☐ Primary ☐ Middle ☐ Matric ☐ Intermediate ☐ Graduate ☐ Other: _____	**Marital Status**	☐ Single ☐ Married ☐ Widowed ☐ Divorced

This E&S screening checklist is prepared by the Field Wing of Punjab Agriculture Department, reviewed by the CMU-PCAP, and will be filled by the field officer of Agriculture Department before the deployment of the super seeder in field.

Section	#	Question / Requirement	Yes	No	N/A	Comments
Site Eligibility	1	Does the site involve any involuntary resettlement or economic displacement?				
	2	Is there any land acquisition or restriction of access?				
	3	Is the site located in culturally sensitive area?				

	4	Does the site involve any ESSA-excluded activities i.e 200 or more affected persons or AED on land after 4 December 2024?				
Community Engagement & Inclusion (ESS10)	5	Farmer fully briefed about the Program and machinery use?				
	6	How many times was the farmer consulted?				
	7	Has written consent been obtained from the farmer?				
	8	Has farmer feedback been incorporated into deployment decision?				
	9	Women farmers included and informed?				
	10	Support provided to illiterate/digitally excluded farmers?				
	11	Persons with disabilities provided support (if applicable)?				
Labor, Safety & Livelihoods (ESS2 & ESS4)	12	Operator is trained in safe use of super seeder?				
	13	Child labor risk present?				
	14	Adequate safety measures understood (PPE, safe operation)?				
	15	First aid access available?				
	16	Any risk of livelihood loss or labor displacement?				
	17	Farmer aware of alternative residue management practices?				

	18	Worker grievance mechanism available (operator/labor)?				
	19	Are community members (bystanders, children, livestock) kept at a safe distance during machinery operation? Are warning signs or barriers in place?				
	20	Are machinery movement routes assessed for road safety risks (narrow roads, school zones, pedestrian traffic)?				
	21	Has an emergency response protocol been established in case of accident, fire, or spillage during field operations?				
Pollution Prevention (ESS3)	22	Is there any risk of fuel or lubricant spillage during machinery operation or refueling? If yes, are containment and cleanup materials available on site?				
	23	Are used oils, lubricants, and filters disposed of in accordance with applicable waste management norms (not dumped in fields or water bodies)?				
	24	Is the machinery maintained to minimize exhaust emissions (e.g., engine tune-up records available)?				
	25	Is dust generation from dry-field operations posing a risk to nearby households or public roads? Are mitigation measures in place (e.g., operational timing, speed control)?				
Grievance Redress Mechanism & SEA/SH (ESS10 & ESS4)	26	Is the GRM contact number displayed at site/super seeder or any other suitable place(s)?				
	27	Is a GBV/SEA/SH-sensitive reporting channel available?				

	28	Staff trained on SEA/SH referral pathway?				
	29	Awareness about the GRM provided to the farmer?				
	30	Are complaints escalated within 24 hours?				
Environmental Screening (ESS1 & ESS6)	31	Is the land currently used for agriculture?				
	32	Is the land level is suitable for machine operations?				
	33	Is the soil not severely degraded (e.g salinity, erosion etc)?				
	34	Is field access adequate for machinery movement?				
	35	Is field located a water body (Canal, river, pond)?				
	36	Is the site within or near protected area/forest/wildlife habitat?				
	37	Are the any wetland or flood prone areas nearby?				
	38	Does the farmer currently burn crop residue?				
	39	Is there excessive residue (manageable level)?				
	40	Is the farmer aware of benefits of residue retention?				
	41	Will the super seeder residue the residue burning at this site?				
	42	Is the equipment in good condition (no excessive smog)?				
	43	Is fuel (deiseal) storage handled safely?				
	44	Will residue incorporation improve soil fertility?				

	45	Is there risk of water logging in the field?				
	46	Are irrigation practices efficient (no excessive runoff)?				
Monitoring & Incident Reporting	47	Incident reporting system in place (24-hour reporting)?				
	48	Regular monitoring by Agriculture Department confirmed?				
	49	Are baseline environmental data (soil quality, residue levels, field condition) recorded prior to super seeder deployment for comparison during monitoring?				

Overall ESF Risk Rating:

☐ Low ☐ Moderate ☐ Substantial ☐ High

Verification

Field Officer Name:_____ Farmer Name:_____

Date of Visit / Interview:_____ Signature_____

Concerned District:_____ ☐ Verified ☐ Pending Signature: _____
Assistant Director Agricultural Engineering