

## PGS EVALUATION FOR CROP CULTIVATION

*When evaluating a Producer Group, complete a form for each Individual Farm first. Then complete one Producer Group form for the group.  
If an Individual Farm also has animals, complete the Animal Husbandry form as well.*

### BASIC INFO

**Date of Evaluation:**

**Name of Evaluator:**

**Type of Evaluation:**

- Self-Assessment    Internal Visit for Producer Group  
 External Visit: Initial    External Visit: Follow-Up    External Visit: Renewal

**Farm Name:**

**Farmer / Farm Manager Name:**

**Farm Location:**

**Total Acres:**

**Total Acres Under Organic:**

**Product Categories** (select all that apply)

- Rice    Grain or legume field crops    Seasonal garden crops  
 Perennial crops    Greenhouse crops    Potted plants    Mushrooms

#### Product Details

	0 POINTS Standards Not Met	1 POINT ★	2 POINTS ★★	3 POINTS ★★★	4 POINTS ★★★★	5 POINTS ★★★★★	SCORE
<b>1. RECORDS</b>							
1.1	No activity records	Some basic activity records maintained ( <i>info on each section of card</i> )	Activity records maintained ( <i>card complete</i> )	Detailed activity records maintained ( <i>beyond card</i> )	Detailed activity records maintained & analyzed for patterns.	Detailed activity records maintained. Reports prepared & used to improve performance	
1.2	No financial records	Basic bills from farm purchases & sales maintained	Basic bills from farm purchases & sales maintained and entered in ledger	Detailed financial records maintained	Detailed financial records maintained & analyzed for patterns	Detailed financial records maintained. Reports prepared & used to improve performance	
1.3	No farm map	Basic farm map prepared showing boundaries between organic & industrial areas ( <i>card complete</i> )	Farm map prepared showing boundaries & basic info on production areas	Farm map prepared showing boundaries and detailed info on production areas	Farm map prepared showing boundaries and detailed info on production areas & environmental factors	2 maps (current and future plans) showing boundaries and detailed info on production areas & environmental factors	

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<b>2. ORGANIC INPUTS</b>							
2.1	Evidence of synthetic fertilizer application in designated organic areas	No evidence of synthetic fertilizer application (including urea) in last 1 year in organic areas	-	-	-	-	
2.2	Evidence of prohibited substance use in designated organic areas	No evidence of prohibited substances being used in last 1 year in organic areas	-	-	-	-	
2.3	No interest in compost / organic input production	No evidence of composting / organic input production on farm. Plan to do in future.	Evidence of basic compost / organic input production (e.g. demonstration level)	Active schedule of compost / organic input production. Not enough for total land area.	Active schedule of compost / organic input production. Enough for total land area.	Active schedule of compost / organic input production. Enough for total land. Focus on C:N ratios & soil microorganisms	
2.4	No interest in enhancing soil organic matter	No organic matter added to the soil. Plan to do in future.	Using 100% external organic matter. Source & ingredients known. Able to ensure no urea, synthetic additives, hormones, heavy metals, etc.	Using some organic matter from farm and some external organic matter. Source & ingredients known. Able to ensure no urea, synthetic additives, hormones, heavy metals, etc.	All organic matter sourced from within farm.	All organic matter sourced from within farm. Growing nitrogen-fixing plants or raising animals on farm to increase organic matter.	
2.5	No interest in agroecological pest & disease management.	Nothing done to manage pests & diseases. Plan to do in future.	Using occasional basic pest & disease control methods. No field observation. Not species specific (e.g. irregular application of biopesticides, insect grease traps)	Using systematic basic pest & disease control methods. No field observation. Not species specific (e.g. fixed spraying schedule)	Using observation-based pest & disease control methods. Regular field monitoring. Not species specific.	Using agroecological, observation-based pest & disease control methods. Regular field monitoring. Species specific techniques	

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2.6	No interest in agroecological weed management	Only weed management is initial tillage.	Manual weed removal during critical period of competition. Bare soil. Roots of perennial weeds left in field.	Manual weed removal. Bare soil. Roots of perennial weeds removed.	Cultural practices to reduce weed growth or facilitate weed removal (e.g. plant spacing, cover crops, crop rotation). Manual weed removal. Roots of perennial weeds removed.	Mulch (able to ensure no synthetic contamination, heavy metals, etc.) Cultural practices to reduce weed growth or facilitate weed removal. Manual weed removal. Roots of perennial weeds removed.	
2.7	No interest in soil nutrient levels. No plans to address deficiency	Nothing done to assess soil nutrient levels or address deficiency.	Mineral fertilizers from natural sources and in natural forms have been applied in past	Mineral fertilizers from natural sources and in natural forms are applied regularly but without monitoring	Bio indicators or soil testing used to assess nutrient deficiency. Mineral fertilizers from natural sources and in natural forms applied based on need.	Soil microorganisms developed for nutrient mobilization & uptake. Bio indicators or soil testing used to assess nutrient deficiency. Mineral fertilizers from natural sources and in natural forms applied based on need.	
<b>3. SEPARATION OF INDUSTRIAL &amp; ORGANIC AREAS</b>							
3.1	Industrial & organic parts of property not clearly separated	Industrial & organic parts of the property are physically, financially & operationally separated	Entire property is organic	-	-	-	
3.2	No buffer zone or barrier between industrial & organic areas	Barrier taller than height of crop between industrial & organic areas	Barrier taller than height of crop between industrial & organic areas. Buffer zone of at least one meter.	Buffer zone & barriers designed to minimize chance of contamination (e.g. density, permeability, height, width)	-	-	
3.3	Using chlorinated tap water or potentially contaminated irrigation water. No plans for change.	Using chlorinated tap water or potentially contaminated irrigation water. Plans for treatment or alternative water source.	Using chlorinated tap water or potentially contaminated irrigation water. Basic biological filtration.	Using chlorinated tap water or potentially contaminated irrigation water. Physical and biological filtration system.	Using filtered water, harvested rainwater or well water. No water testing.	Using surface water, filtered water, harvested rainwater or well water that has been tested and is free of all contaminants.	

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3.4	Prohibited substances stored in same areas where organic products are handled	Prohibited substances stored in separate areas from where organic products are handled	Entire property is organic. No prohibited substances stored.	-	-	-	
3.5	Same sprayers used for industrial and organic areas	Separate sprayers kept for industrial and organic areas	Entire property is organic. Sprayers only used in organic areas.	-	-	-	
3.6	Same tools & vehicles used in industrial and organic areas without cleaning	Tools and vehicles used in industrial areas are thoroughly cleaned before being used in organic areas	Entire property is organic. Tools and vehicles only used in organic areas.	-	-	-	
3.7	Organic products stored and transported with industrial products. Possibility of contact.	Organic products stored and transported with industrial products. Contact prevented	Organic products stored and / or transported with industrial products in closed containers that are clearly labeled organic	Only organic products handled. Organic products stored and transported separately			
<b>4. SEEDS &amp; PLANTING MATERIAL</b>							
4.1	Potential that genetically modified seed or planting materials being used	Able to ensure that no genetically modified seeds or planting materials are used	-	-	-	-	
4.2	Using seed treated with fungicides for micro greens or baby greens or in aquaponics systems	Using seed treated with fungicide. No micro greens, baby greens or aquaponics.	Using untreated seed bred for industrial agriculture conditions	Using heirloom varieties and seed bred for organic conditions whenever possible	Saving seeds. Using heirloom varieties and seed bred for organic conditions whenever possible	Saving seeds. Only using heirloom varieties and seed bred for organic conditions	
4.3	No interest in genetic biodiversity	Nothing done to enhance genetic biodiversity	Using open-pollinated seed whenever possible	Planting multiple varieties of same crop. Using open-pollinated seed whenever possible.	Saving seeds. Planting multiple varieties of same crop. Using open-pollinated seed whenever possible.	Conserving heirloom varieties. Saving seeds. Planting multiple varieties of same crop. Using open-pollinated seed whenever possible.	

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<b>5. ENVIRONMENT</b>							
5.1	Evidence that forests have been cleared or primary ecosystems destroyed in past 5 years	No evidence that forests have been cleared or primary ecosystems destroyed in past 5 years	-	-	-	-	
5.2	Evidence that crop residue or land has been burnt for land preparation	No evidence that crop residue or land has been burnt for land preparation	-	-	-	-	
5.3	Toxic or hazardous waste in organic areas (e.g. CFL bulbs, batteries, motor oil)	No toxic or hazardous substances in organic areas. Some signs of non-degradable waste.	No toxic, hazardous or non-degradable waste in organic areas	No burning of synthetic waste on property. No toxic, hazardous or non-degradable waste in organic areas.	Compostable & recyclable waste sorted. No burning of synthetic waste. No non-degradable waste in organic areas.	All waste composted, recycled or reduced and upcycled (e.g. eco bricks). No non-degradable waste in organic areas.	
5.4	No interest in reducing fossil fuel consumption	Nothing done to reduce fossil fuel consumption	-	Effort to reduce fossil fuel consumption (e.g. solar pumps, draft animals, biogas, electric equipment)	-	No on-farm use of fossil fuels	
5.5	No interest in conserving & enhancing soil ecosystems	Nothing done to conserve & enhance soil ecosystems	Bunds, contour planting & soil stabilizing plants to reduce erosion	Addition of organic matter, green manure & cover crops. Bunds, contour planting & soil stabilizing plants.	Effort to enhance soil microorganisms. Mulching, compost, organic matter, green manure & cover crops. Bunds, contour planting & soil stabilizing plants.	No-till, permaculture & biointensive techniques Effort to enhance soil microorganisms. Mulching, compost, organic matter, green manure & cover crops. Bunds, contour planting & soil stabilizing plants.	
5.6	No interest in conserving water	Nothing done to conserve water. Flood irrigation, open unlined canals	Flood irrigation with conservation practices (e.g. leveling field, releasing in intervals, recycling runoff)	Localized irrigation (e.g. sprinklers, watering cans)	Steps to increase water conservation (e.g. rainwater harvesting ponds and tanks, cover crops, mulching)	Significant effort to increase water conservation (e.g. SRI, drip irrigation, closed loop systems)	

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5.7	No interest in maintaining or enhancing biodiversity	Monoculture cropping systems	Companion planting, mixed cropping and/or crop rotation in some areas	Companion planting, mixed cropping and crop rotation in all areas	Steps to enhance wild biodiversity. Live hedges & planting to attract pollinators. Companion planting, mixed cropping and crop rotation.	Conservation of wild areas on farm. Agriculture design to maximize diversity (e.g. permaculture, analog forestry, forest gardens)	

**TOTAL POINTS:**

<b>CROP CULTIVATION SCORES</b>	
Corrective Action	0 points for any question
★	27 to 37 points
★★	38 to 56 points
★★★	57 to 73 points
★★★★	74 to 87 points
★★★★★	88 to 97 points

**CONCLUSION**

- Corrective Action
- Eligible for Organic

**COMMENTS AND RECOMMENDATIONS:**