

ORGANIC SYSTEM PLAN FOR GROWER GROUP

1. General information

1.1. Name of the ICS:

1.2. Postal address of the ICS:

1.3. Details of the responsible person for signing agreement with APSOPCA

1. Name:

2. Designation:

3. Phone No.:

4. Email ID.:

1.1. Registration No.

1.2. TAN No./ PAN No.:

1.3. Total No. of farmers in the group

1.4. Total area in acres of the group

1.5. No. of Farmers having farm area less than 10.0 Acres and equal or more than 10.0 acres

1.6. Area under group (in Acres)

Ist Year Conversion	IInd Year Conversion	IIIrd Year Conversion	Organic Status

1.7. Cropping pattern of grower group

1. Kharif :

2. Rabi :

3. Summer:

2. Seed and seed Treatment

S. No	Crop/Variety	Status of source seed		Type of seed treatment	Seed source met from (Name & Address)
		Certified Organic	Untreated conventional		

3. Soil Fertility Management

- 3.1. What are your general soil types _____
- 3.2. What are your soil / nutrient deficiencies _____
- 3.3. Soil fertility management plan
- Crop rotation
 - Green manure
 - Inter cropping
 - Incorporation of crop residues
 - Sub soiling
 - Summer fallow
 - Compost
 - On farm manure
 - Off farm manure
 - Soil amendmets
 - Microbiological preparation
 - Others _____
- 3.4. How often do you conduct fertility monitoring : Annually As needed
- 3.5. How do you monitor the effectiveness of Soil fertility management programme?
- Soil testing
 - Microbiological testing
 - Observation of crop health
 - Comparison of crop yields
 - Crop quality testing
 - Observation of soil
 - Other _____
- 3.6. Which state of manure are you using to improve the soil fertility
- Composted
 - Un-composted
- 3.7. What composting method do you use _____
- 3.8. What form of manure you use: On farm Off farm
- 3.9. List of all sources of off-farm manure: _____
- 3.10. For soil fertility, if soil mix ingredients, pest & disease control products are used specify as
- 3.11. What soil erosion problems do you experience?
- 3.12. What Soil conservation practices are used
- Terraces
 - Contour farming
 - Strip cropping
 - Cover crops
 - Intercropping
 - Conservation tillage
 - Permanent water ways
 - Wind breakers
 - Tree lines
 - Retention ponds
 - Wild life habitat
- 3.13. Does anyone in the OGG burn crop residues? Yes No
- If yes, please describe what materials are burned and why ?

4. Natural resources

4.1. Biodiversity management

5. Source of water

5.1. Source of water for irrigation _____

5.2. Type of irrigation system _____

5.3. What input products are applied through the irrigation system _____

5.4. What products do you use to clean irrigation lines or nozzles _____

5.5. List known contaminants in water supplies in your area _____

6. Crop management

6.1. Crop rotation plan

S. No	Crop Rotation plan	Plot No. (where plan is followed)	Anticipated changes

6.2. Weed management

1. What are problem weeds:

2. Method of weed control

- | | | |
|---|--|--|
| <input type="checkbox"/> Crop rotation | <input type="checkbox"/> Field preparation | <input type="checkbox"/> Hoeing |
| <input type="checkbox"/> Mechanical cultivation | <input type="checkbox"/> Use of hand tools | <input type="checkbox"/> Soap based herbicides |
| <input type="checkbox"/> Hand weeding | <input type="checkbox"/> Non-synthetic mulch | <input type="checkbox"/> Others _____ |

6.3. Pest management plan

1. List out problematic pests (if any) _____

2. What strategies do you use for pest management

- | | | |
|--|---|--|
| <input type="checkbox"/> Crop rotation | <input type="checkbox"/> Time of planting | <input type="checkbox"/> Monitoring |
| <input type="checkbox"/> Insect repellent | <input type="checkbox"/> Selection of resistant varieties | <input type="checkbox"/> Trap crops |
| <input type="checkbox"/> Companion planting | <input type="checkbox"/> Bird perches | <input type="checkbox"/> Physical barriers |
| <input type="checkbox"/> Traps | <input type="checkbox"/> Hand picking | |
| <input type="checkbox"/> Biological pest control | <input type="checkbox"/> Others _____ | |

6.4. Disease management plan

1. List out problematic crop diseases (if any) _____

2. What are the disease prevention strategies

- | | | |
|---|--|--|
| <input type="checkbox"/> Crop rotation | <input type="checkbox"/> Field sanitation | <input type="checkbox"/> Plant spacing |
| <input type="checkbox"/> Selection of resistant varieties | <input type="checkbox"/> Time of sowing & planting | |
| <input type="checkbox"/> Vector management | <input type="checkbox"/> Solarization | |
| <input type="checkbox"/> Companion planting | <input type="checkbox"/> Others _____ | |

S. No	Disease/ Pest	Control product	Status		Justify, the reason for the use of restricted product?
			Permitted	Restricted	

7. Maintaining of buffer areas

S. No	Type of buffer crop/ tree line/ hedge row/ wild life planting/ gram strip	Width of buffer	Adjoining land use	If crop is harvested from buffer zone, describe use, sale, Nonorganic livestock feed, seed etc.,

7.1. If crops are harvested from the buffer zones with equipment used for harvesting organic crops, what safe guards do you use to protect organic crops from contact with buffer crops during harvest?

7.2. Have posted "NO SPRAY" signal along road sides that adjoining organic field
 Yes No

8. Crop contamination

8.1. Is any field or portions of field subjected to flood Yes No
 (If yes list Survey No.)

8.2. How do you monitor for crop contamination _____

8.3. Split or Parallel production

Do you grow the same crops organically, as well as in conversion and/or conventional Yes No

If yes, describe the details _____

8.4. Growing of conventional crops, usage of prohibited soil amendments, herbicides and Pesticides.

S. No	Crop/Variety	Conversion or conventional	Product name of amendments/herbicides/pesticides/herbicides	Who applies self or custom	Total acreage	Where stored (on farm/ off farm)	Use of crop

9. Equipment

9.1. List of the equipments used for planting, tillage, spraying and harvesting.

S. No	Name of equipment	Owned or rented	Earlier used in		How is equipment cleaned before use on organic fields.
			Organic	Conventional	

9.2. If you use a sprayer New Used

10. Harvest

10.1. What methods are used for harvesting of organic crops?

- Mechanical By Hand

10.2. Type of containers used for collection of harvested produce

- Boxes Truck boxes Card board/waxed boxes
 Wooden boxes Plastic containers Others _____

10.3. Are containers : New Used

10.4. Describe the potential contamination or commingling problems you have encountered with harvest of organic crops?

10.5. Describe steps taken to protect organic crops from commingling and contamination during harvesting?

11. Post- Harvest handling

- 11.1. Describe your post harvest handling procedure and equipment

- 11.2. Are the same processing area and equipment used for both organic and non-organic products Yes No.
 If yes; Describe steps taken to prevent commingling and contamination.

12. Crop Storage

12.1. Describe your storage Location.

S. No	Kind of crops	Type of storage	Quantity (Qtls)	Status of crop (Organic or conventional)	Measures to prevent commingling & contamination

12.2. Do you use the same area for organic, transitional, buffer and/or conventional crops Yes No
 (If yes; how do you segregate crops from non-organic crops)

12.3. How do you clean storage unit prior to storage of organic crops?

12.4. How do you prevent / control storage inspect pests in crop storage areas?

12.5. How do you control rodents in crop storage areas?

13. Transportation

- 13.1. Who is responsible for arranging transportation of organic products
 Self Buyer

- 13.2. Describe how organic products are transported

- 13.3. What potential contamination or commingling problems do you have in transport of organic crops?

13.4. What steps are taken to protect the integrity of organic products during transport?

13.5. Cleaning transport unit prior to loading Yes No

14. Organized grower group qualification, management, and producer information

1. Is there an arrangement for conducting internal inspection twice in year ? Yes No

14.2. Area the ICS inspector are qualified & acquainted with the organic standard. Yes No

14.3. Are there sufficient no. of internal inspectors to conduct internal inspection according to the size the group? Yes No

14.4. Do the growers receive technical support and/or assistance? Yes No

14.5. Is an internal sanctions policy in place? Yes No

14.6. Does the internal control plan have a procedure in place for removing members who are found through internal inspections to be out of compliance with organic standards? Yes No

14.7. Did the internal inspection include a review of all boundaries and verification of adequate buffers for the producers visited? Yes No

15. Record keeping system

15.1. Which of the following records do you keep for organic production?

- Farm-crop-area details record
- Seed and planting material record
- Soil conditioners and fertility input record
- Disease, insect, pest and weed management record
- Contamination control record (machinery, water, air, neighbor, drift control and buffer zone, others)
- Estimates of production and harvest record
- Marketing and dispatch record
- Complaints log
- Education/training records
- Internal regulation manual
- List of growers with codes
- Legal records

Others

Affirmation

The above given Information on this form is true to the best of my knowledge. I agree to provide further information as required by the APSOPCA.

Place:

Date :

Signature of the Operator

//Approved//

Evaluator, APSOPCA, Guntur