

Responsible partner: University of Ljubljana

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Biogeographical type: Continental (in parts Alpine and sub-Pannonian)

Area description, history and existing data: Main local study areas are flatlands of Ljubljansko polje and Krško-Brežiško polje. With a good supply of water resources, shallow sandy-silty soils. Where irrigation systems are installed vegetable (also small fruits – berries) production prevailed over dairy production.



Description of each case study farm:

Farm # (Management)	Main crop per field	Soil texture	Plastic use history (intentional)	Secondary sources of plastic	Other potential contaminants
1. (Conv.)	1. Vegetables 2. Meadows	Clay	Greenhouses, polytunnels, mulch irrigation	Coated seeds	Road, air pollution,
2. (Conv.)	1. Vegetables 2. Meadows	Sandy-clay	Greenhouses, polytunnels, mulch, irrigation		Insecticides, road pollution
3. (Conv.)	1. Vegetables	Sandy	Greenhouses, polytunnels, mulch irrigation	Coated seeds	Insecticides, Road, air pollution,
4. (Conv.)	1. Vegetables 2. C	Sandy, clay	Greenhouses, polytunnels, mulch irrigation	Coated seeds	Insecticides, Road, air pollution, landfill
5. (Conv.)	1. Vegetables	Sandy	Greenhouses, polytunnels, mulch irrigation	Coated seeds	Insecticides, Road, air pollution, manure
6. (Conv.)	1. Vegetables 2. C	Sandy	Greenhouses, polytunnels, mulch irrigation	Coated seeds	Insecticides, Road, air pollution
7. (Conv.)	1. C 2. Vegetables	Sandy-clay	polytunnel, antihailnet,	Coated seeds, compost	Insecticides, Road, air pollution
8. (Conv.)	1. Vegetables	Sandy-clay	Greenhouses, polytunnels, mulch irrigation	Coated seeds, compost, manure	Insecticides, Road, air pollution,
9. (Conv.)	1. Dairy	Sandy-clay	Greenhouses, polytunnels, mulch irrigation	Coated seeds, compost, manure	/
10. (Conv.)	1. C 2. Vegetables	Sandy	Greenhouses, polytunnels, mulch irrigation	Coated seeds	Insecticides, Road, air pollution

Main challenges encountered : Encouraging farmers to participate in the project



Farm 10, greenhouse



Farm 5, field and greenhouse



Farm 2, field