

Responsible partner: Wageningen University

Contact person:

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Biogeographical type: Atlantic Region

Area description, history and existing data:

Previous soil microplastic assessment and dust traps available in some fields



Farms description:

Farm – Cropping system (Management)	Main crop per field (F)	Soil texture	Plastic use history (intentional)	Secondary sources of plastic	Other potential contaminants
1-C (Org)	F1 & 2:Pumpkin	sandy	none	No	No
3-V (Conv)	Carrots/sugar beat	sandy	Not in the last 5 years but plastic mulch before	No	pesticides
4-C (Conv)	F1: Wheat, F2:Onions	sandy			
5-W (Org)	F1:Appels, F2: pears	sandy	none	> 20 years compost	
6-V (Conv)	F1: potatoes, F2: maize	sandy	Not in the last 5 years but before	No	Near landfill used until 10 years ago
7-V (Conv)	F1: potatoes, F2: onions	sandy	none	>5 years compost	pesticides
8-V (Conv)	F1:Luzerne, F2:spelt	sandy	none	>5 years compost	pesticides
9-V (Trans)	F1: Wheat, F2:celery	sandy	None	>5 years compost	pesticides
10-T (Conv)	F1:Flowers, F2: Flowers, F3: Flowers	sandy	F1, F2,Bio plastic mulch, F3:control	>5 years compost	pesticides

Cropping system: C: Cereals dominated ; V:Vegetables dominated ; W: Woody plants

*Management: **Conv** conventionnal ; **Org**: organic ; **Trans**: transition from conventional to organic*



Fennel field, farm 2



Asparagus field, farm 2



Apple field, farm 5

Involved stakeholders: Farmers, Plastic Soup Foundation