

Greenhouse production in Helsingborg

Helsingborgs municipality

20-25 % of Sweden's GH production

Mainly: cucumbers and potted plants

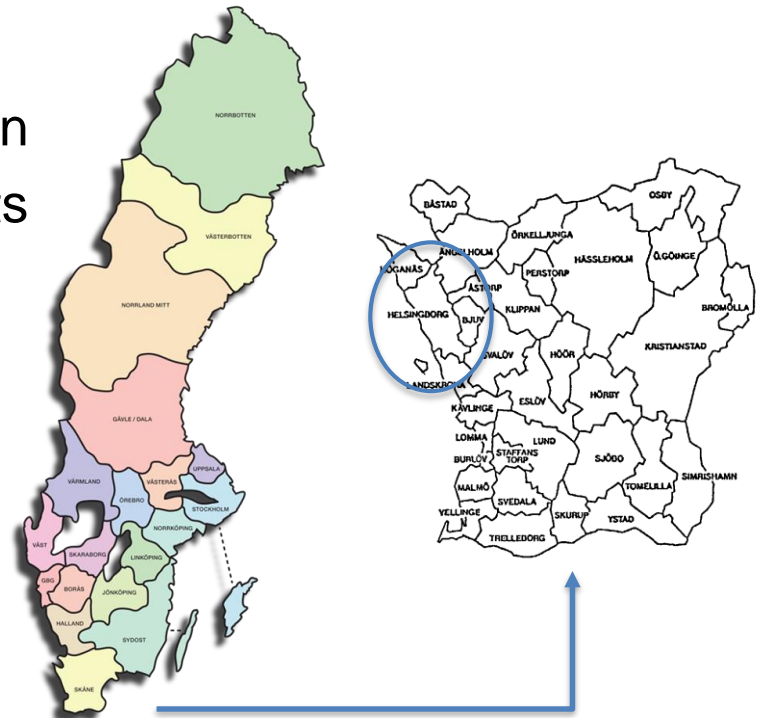
35-50 companies

Sweden: 2 861 132 m² 2017

Skåne County

65 % Vegetables and berries

55 % Ornamental plants



Environmental monitoring

15 plant protection substances used in greenhouses detected downstream in concentrations above the limits of surface water

Sweden-18 National		Helsingborg-16 Stream of Görarp		Skåne-18 County	
Ämne	SLU momentan Antal ggr > RV	Ämne	Helsingborg Antal ggr > RV	Ämne	Lst Skåne Antal ggr > RV
imidakloprid	54	imidakloprid	19	imidakloprid	27
karbendazim	22	endosulfansulfat	10	cyprodinil	5
endosulfansulfat	21	karbendazim	3	hexytliazox	1
acetamiprid	10	hexytliazox	3	fludioxonil	1
pyraklostrobin	9	cyprodinil	2	tiakloprid	1
pirimikarb	9	pirimikarb	1		
hexytliazox	6	tiakloprid	1		
cyprodinil	5	alfacypermetrin	1		
pymetrozin	4				
fludioxonil	3				
tiakloprid	2				
azoxystrobin	2				
difenokonazol	1				
propamokarb	1				

Görarp, first area of inspection with focus on water flow



Our work

Dialog

- Phone, mail, on-place-meeting with companies
- Phone/mail to LRF-Horticulture (federation of Swedish Farmers, consultancy companies, SLU-Swedish Univ of Agric, National authorities)

Inspection

- The path of the water in, out and under the greenhouse

Sampling


- Inventory of sampling points, sampling, analyses

Measures

- small steps i.e. self regulation





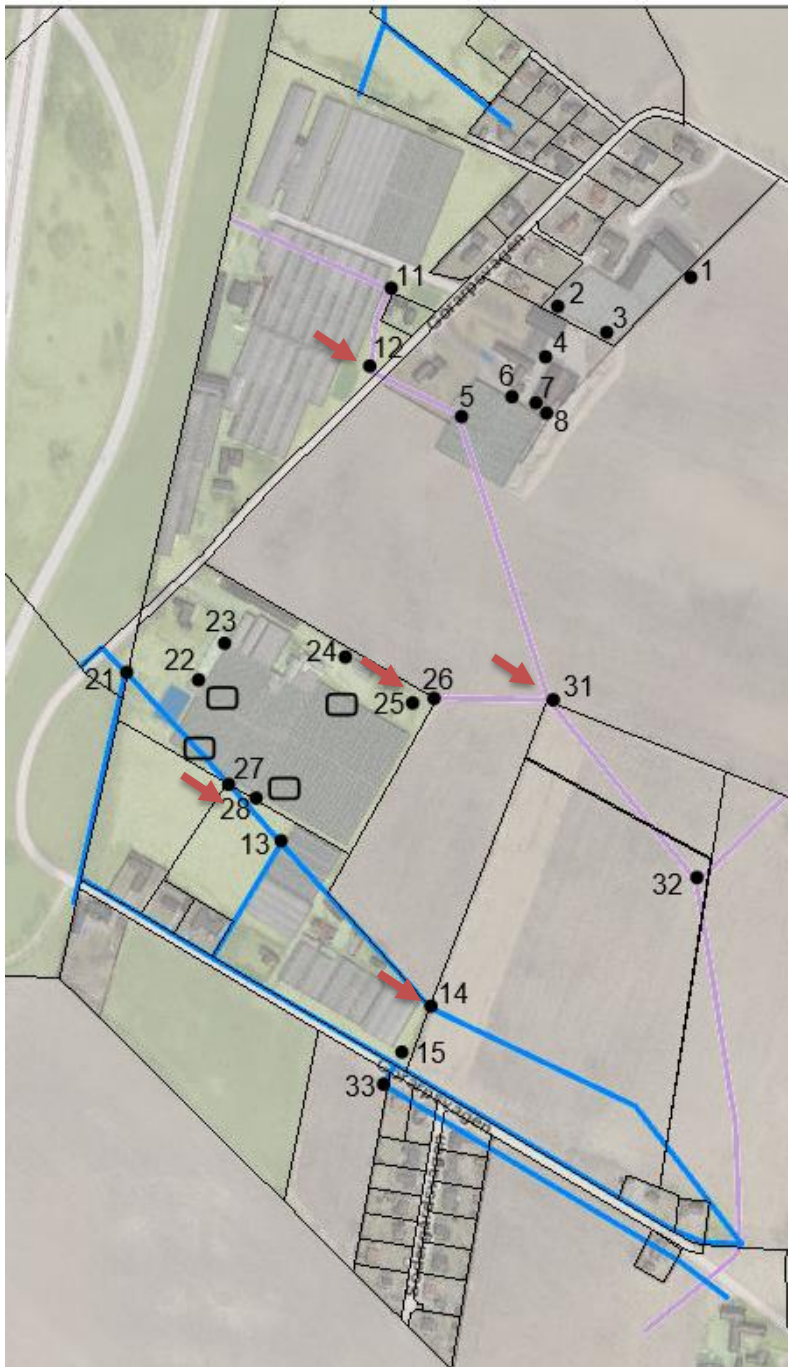
 = Greenhouse



HELSINGBORG

Inventory

Wells and suitable sampling points



- = Well
- ➔ = Sampling point



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Stream of Görarp

Coming work

One watercourse at a time

In 2021, greenhouses along two streams.

At the greenhouse company

Dialog, inspection, inventory, sampling, measures

Measures, in several steps

Other potential contacts

NSR(waste management) and NSVA (wastewater and sewage)

Contact with national authorities and SLU

Meeting with the greenhouses in Helsingborg

Possibly with the wholesale companies- Helsingborg is a hub

Continuous contact with LRF and consultant firms



Lussebäcken- another small stream

20 greenhouses in the catchment area

