

Region Sjællands - Frugtplantageprojekt

Prøvetagningstaktik & tolkning af resultater

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- Region Sjællands Frugtplantageprojekt
 - Resultater 2021 – dec. 2023
- Prøvetagningstaktiker
 - Hvornår har vi undersøgt nok?
- Tolkning af resultater
 - Er der sammenhæng mellem de stoffer vi påviser?





Middel	Anvendelse	Anvendt i perioden
Kobber	Fungicid	Fra slut 1800-tallet
Schweinfürtergrønt (as, cu)	Fungicid/insekticid	1860-1925
Blyarsenat (Pb, as)	Insekticid	1920-1950
DDT	Insekticid	1940-1970'erne



Lokalitet	Driftsperiode	Max SUM DDT mg/kg	GNS SUM DDT mg/kg	Max Arsen mg/kg
1	1917-1992	6,9	0,6	42
2	1936-1962	-	-	37
3	1936-2017	1,7	0,7	6,4
4	1930-1984	2,7	0,3	51
5	1930-2000	3,6	0,6	8,7
6	1917-d.d.	1,2	0,7	51
Jordkvalitets- og afskæringskriteriet		0,5	0,5	20



Lokalitet	Driftsperiode	Max SUM DDT mg/kg	GNS SUM DDT mg/kg	Max Arsen mg/kg
7	1972-d.d.	-	-	12
8	1943-1980	0,21	0,14	8,4
9	1930-1993	0,1	0,01	6,8
Jordkvalitets- og afskæringskriteriet		0,5	0,5	20





Prøvetagningstaktik

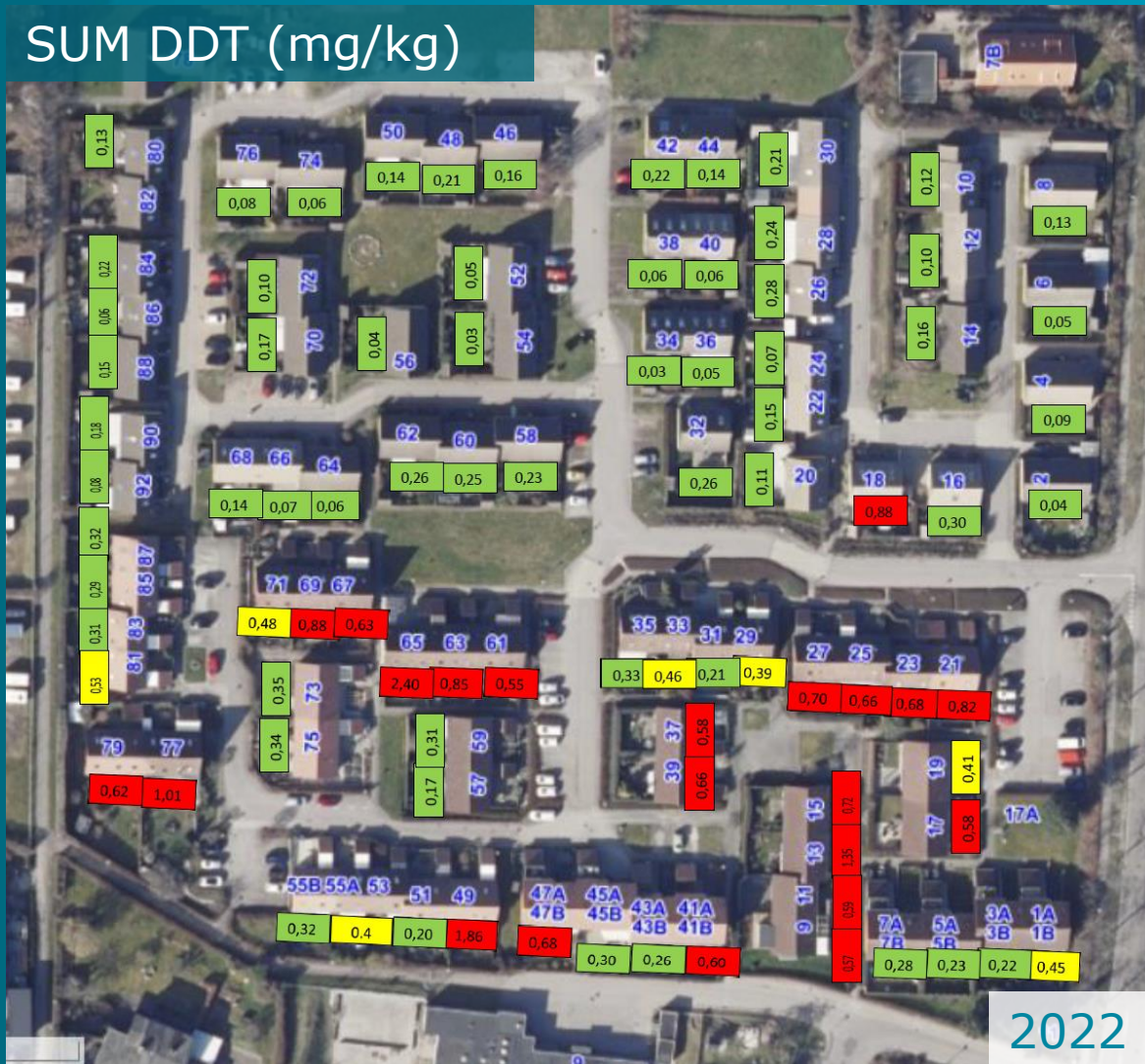






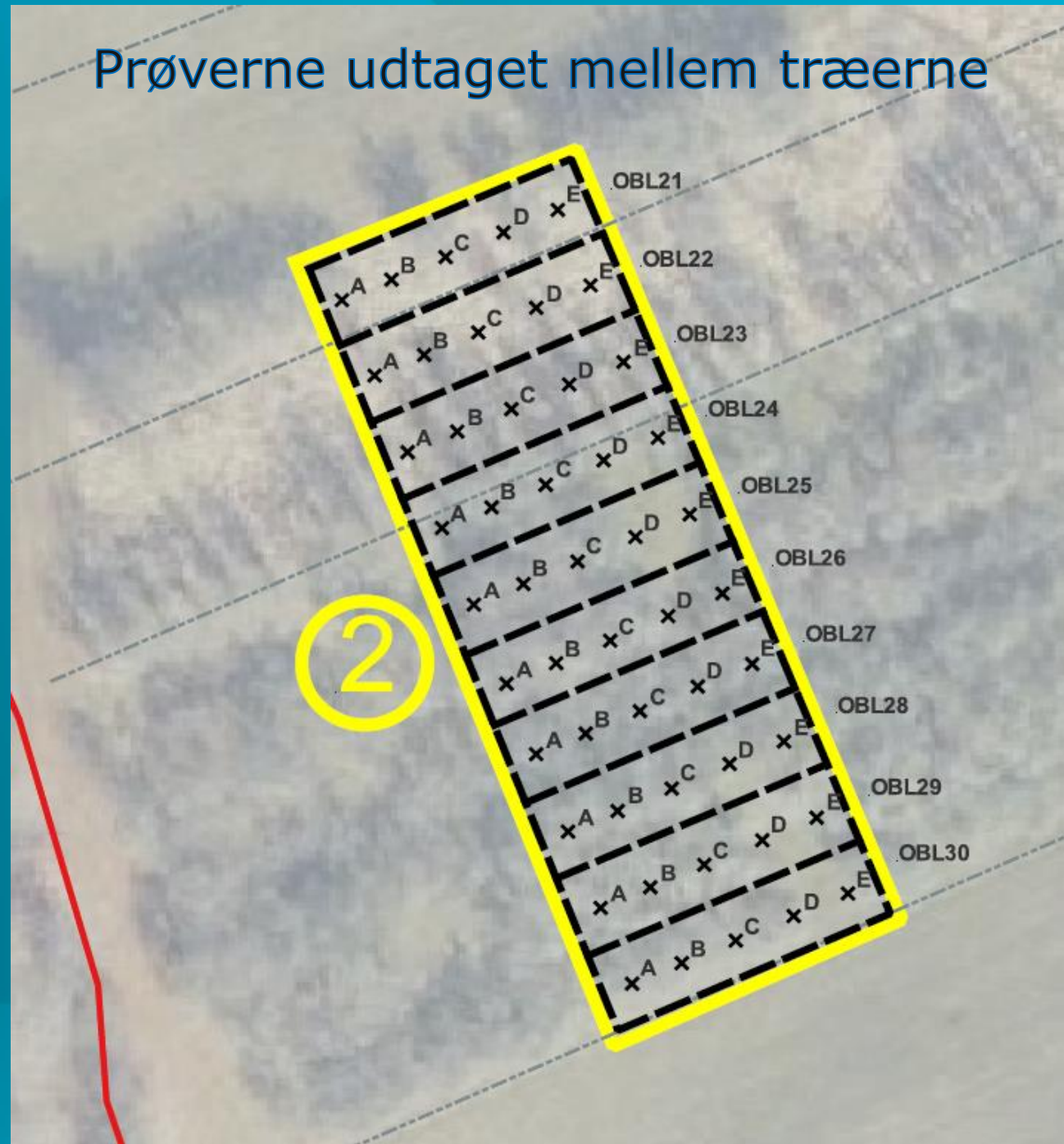
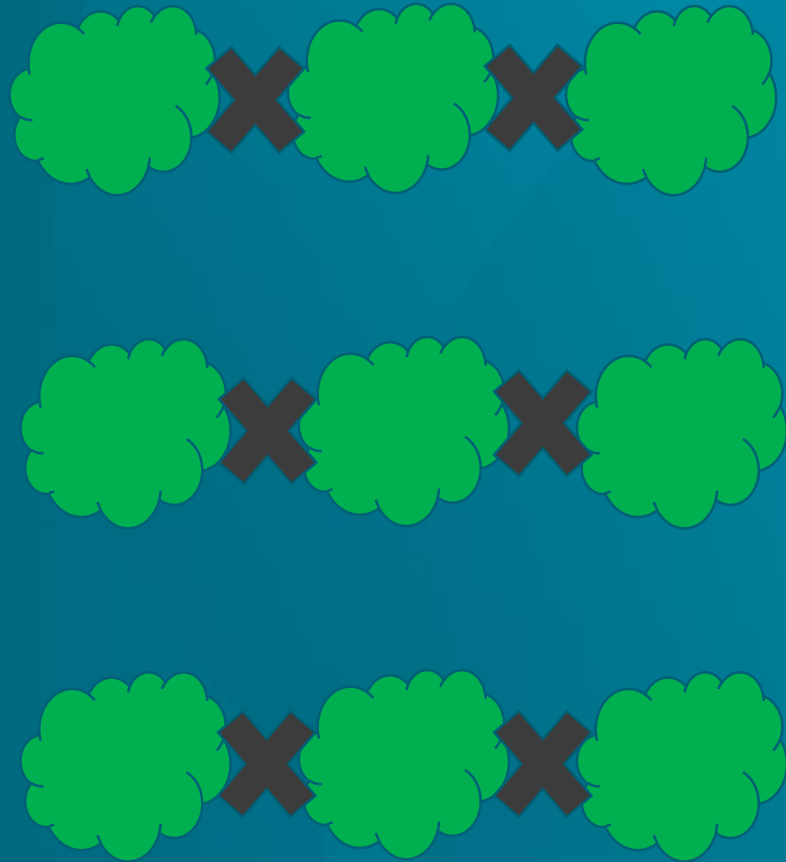


SUM DDT (mg/kg)





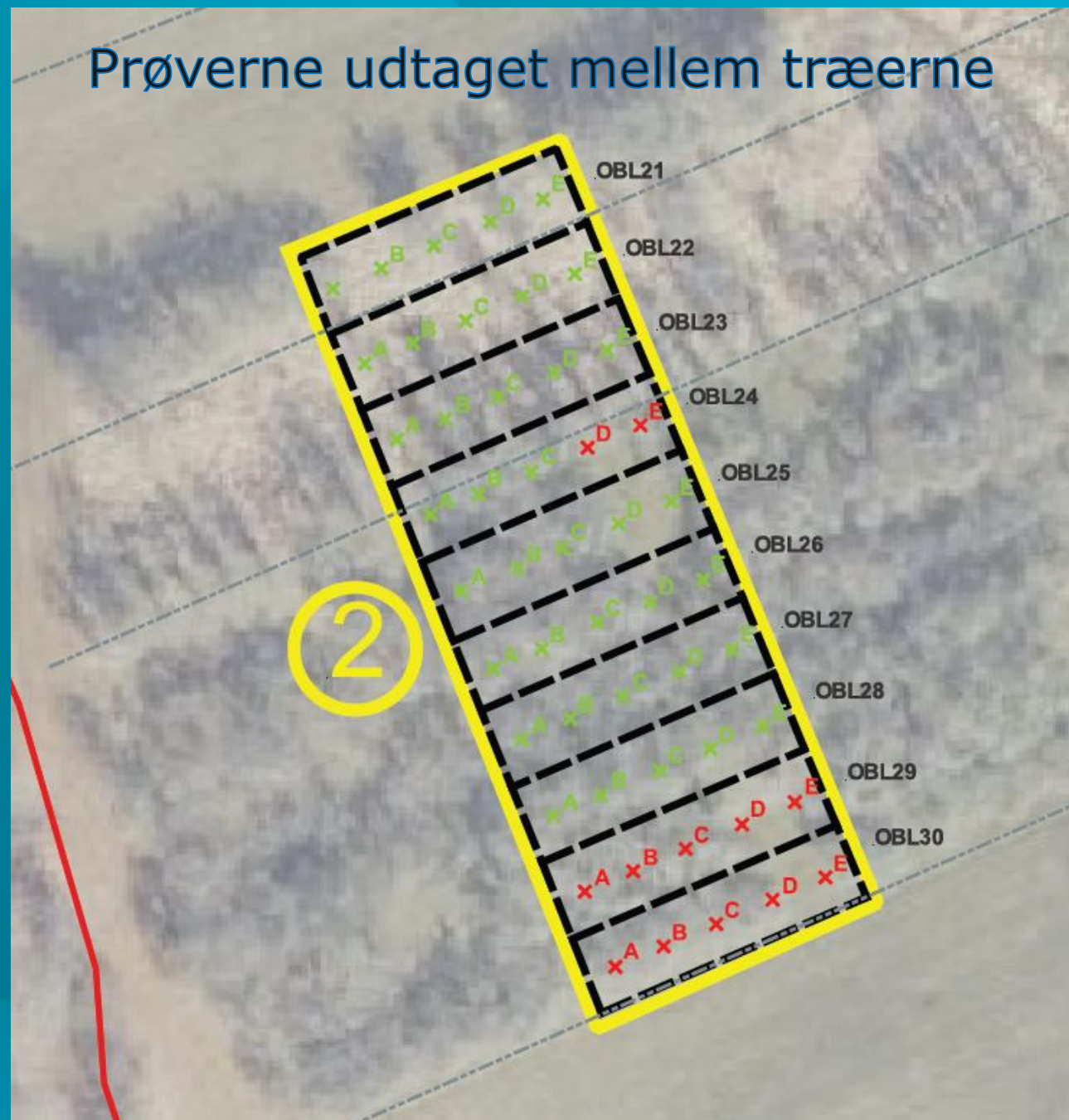
Prøverne udtaget mellem træerne

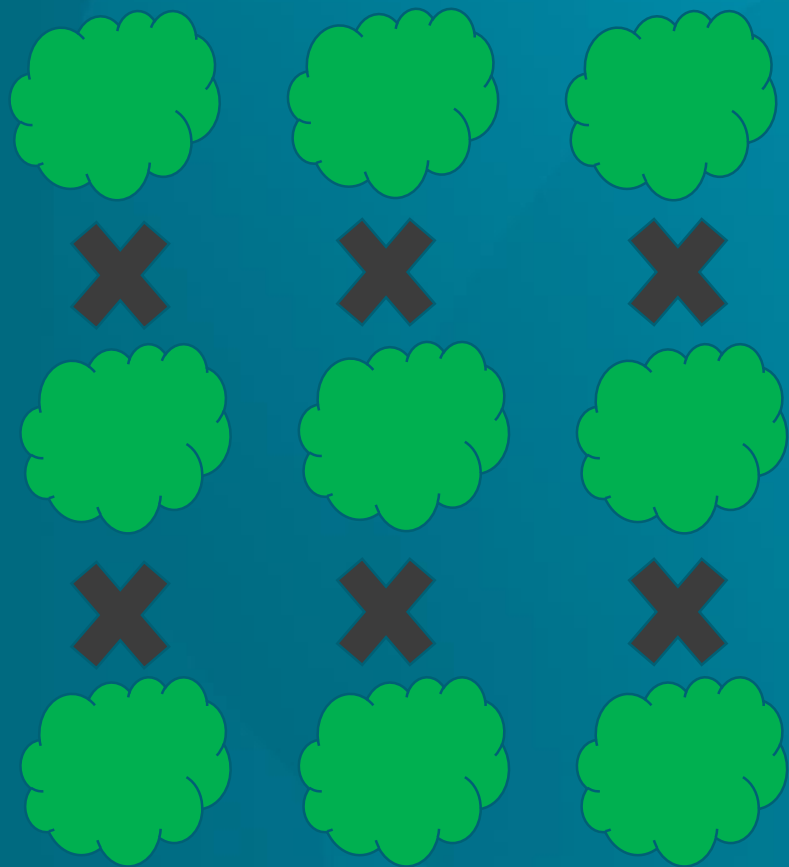


Prøverne er udtaget i dybden – 0,0-0,25 m u.t.

OBL	GNS SUM DDT mg/kg
21	0,05
22	0,27
23	0,22
24	0,37
25	0,14
26	0,17
27	0,15
28	0,32
29	0,77
30	0,99
JKK	0,5

Prøverne udtaget mellem træerne



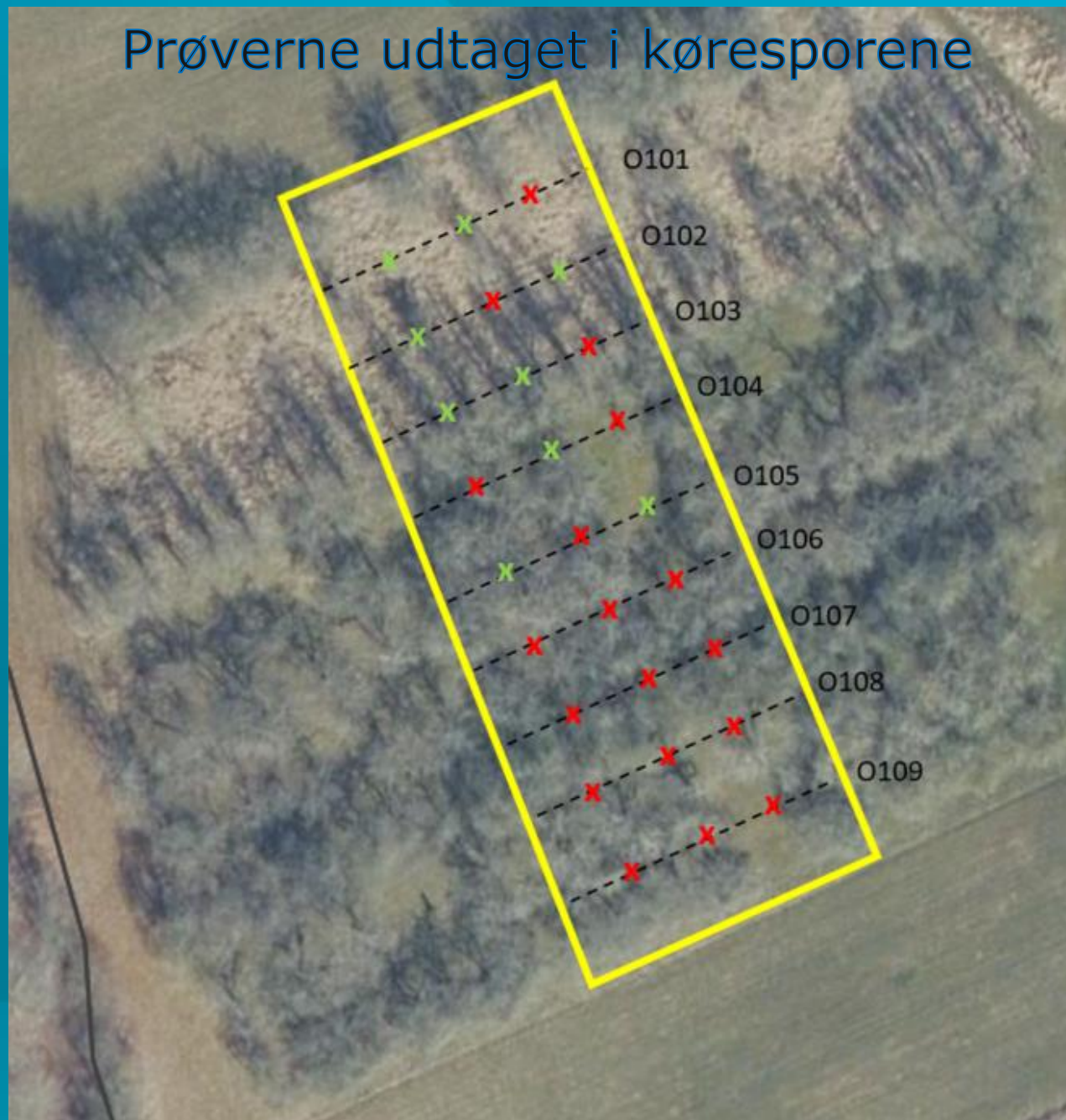


Prøverne udtaget i køresporene



Prøverne er udtaget i dybden – 0,0-0,25 m u.t.

OBL	GNS SUM DDT mg/kg
101	0,24
102	0,37
103	0,58
104	0,94
105	0,52
106	1,36
107	1,26
108	1,22
109	1,66
JKK	0,5





Areal: 217.241,5 m²

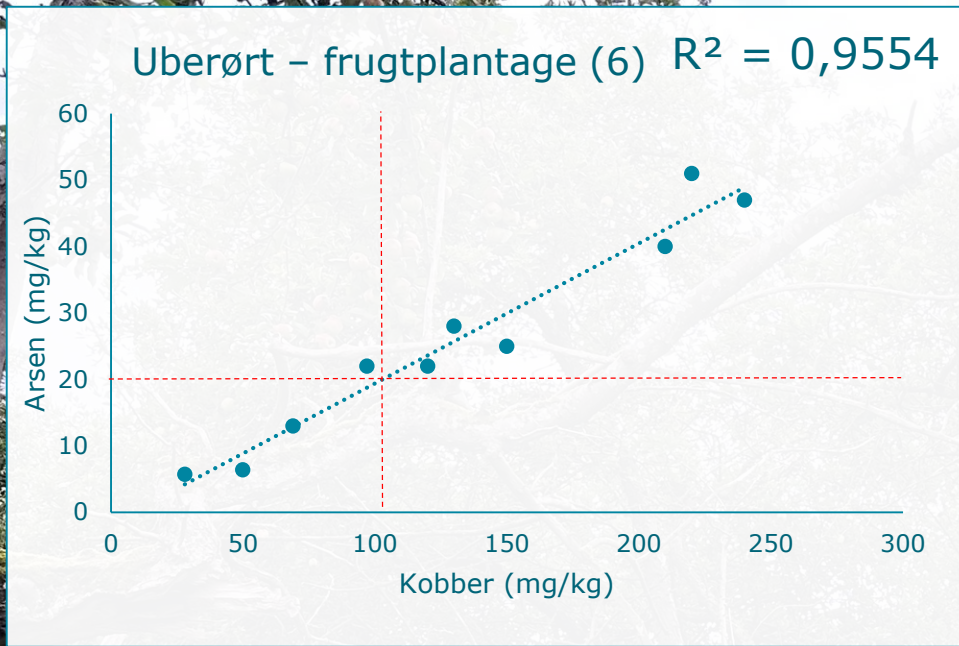
16a



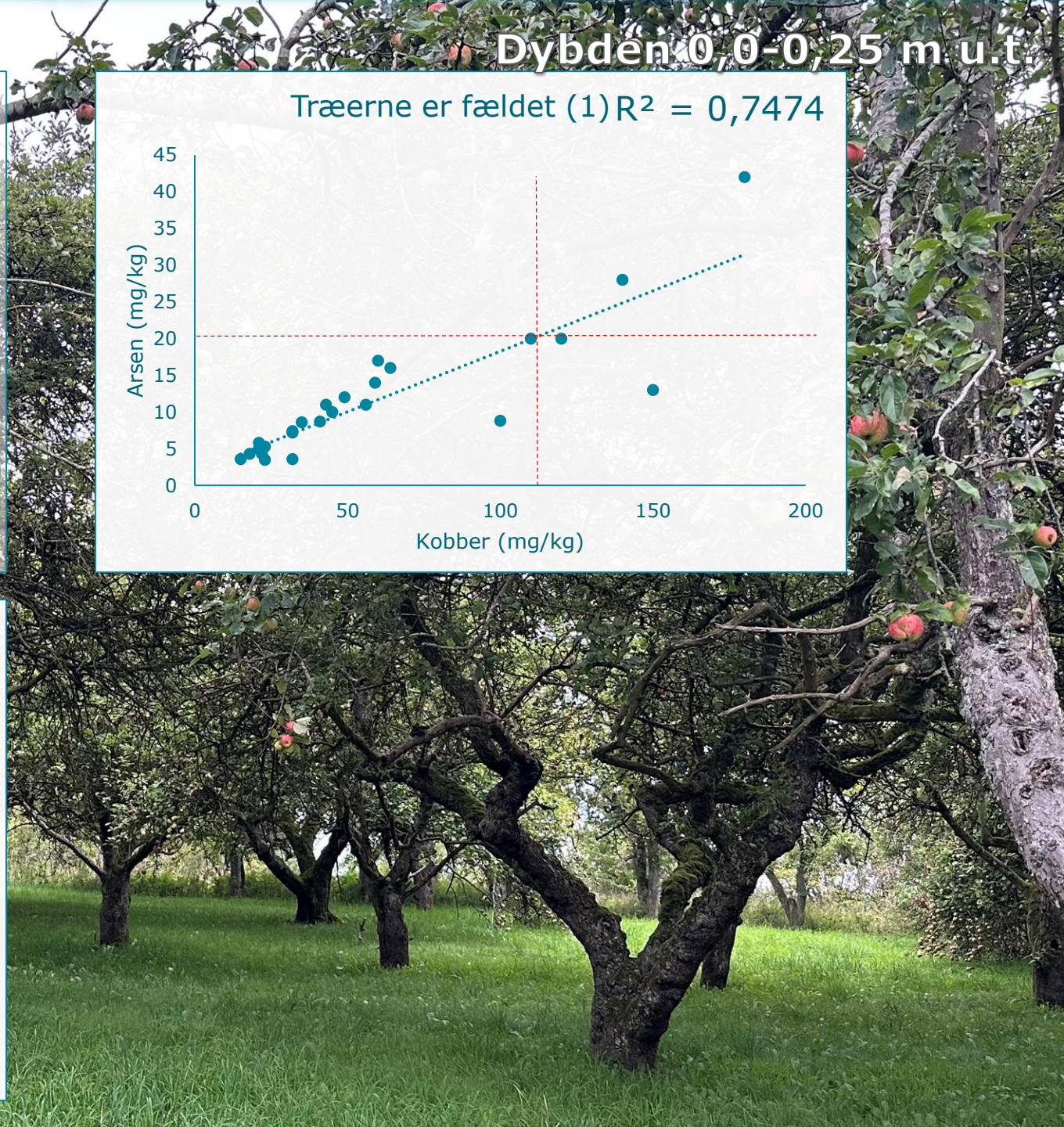
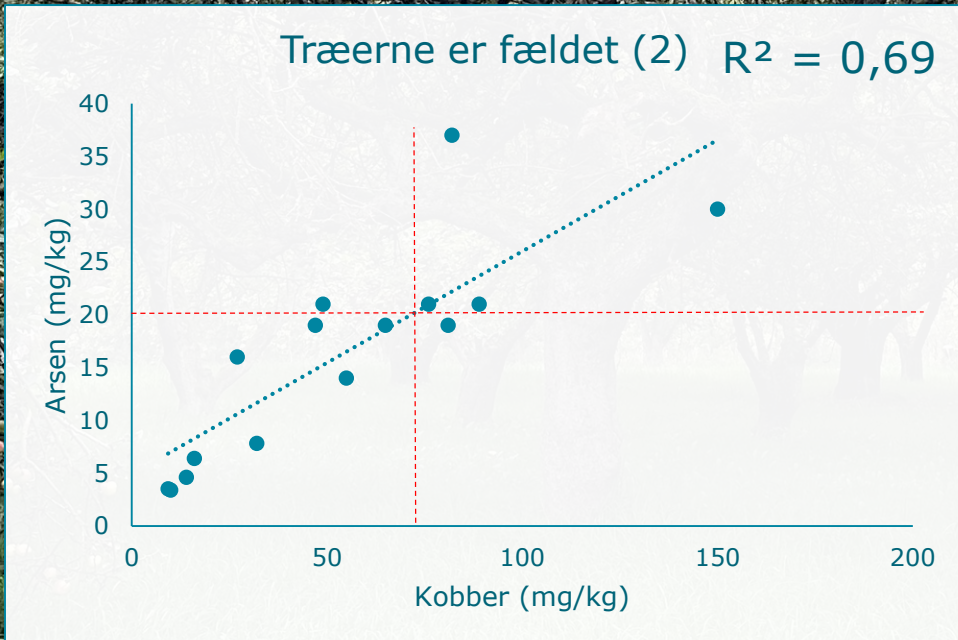
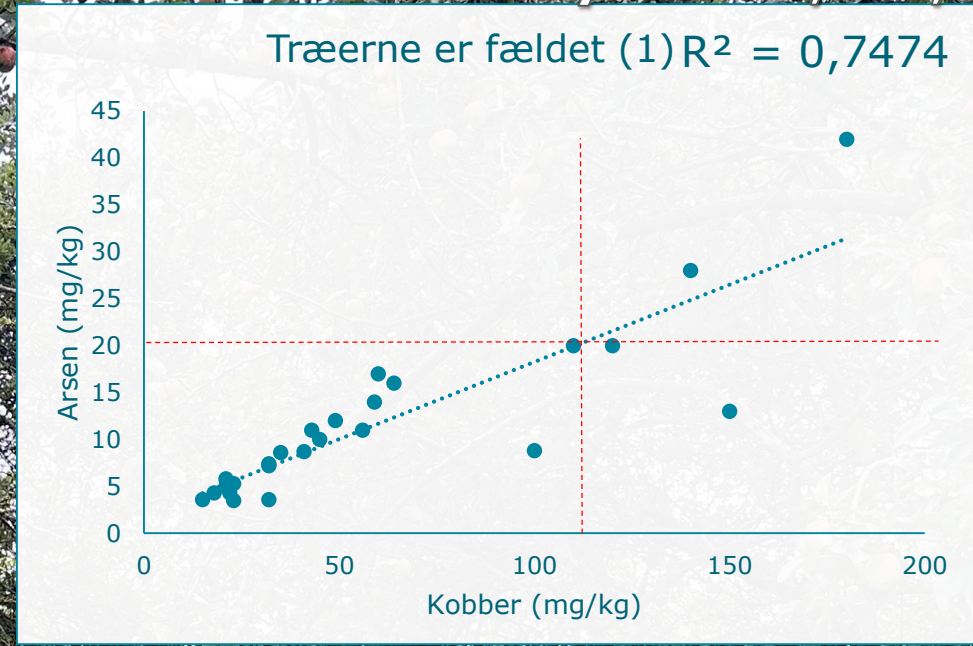
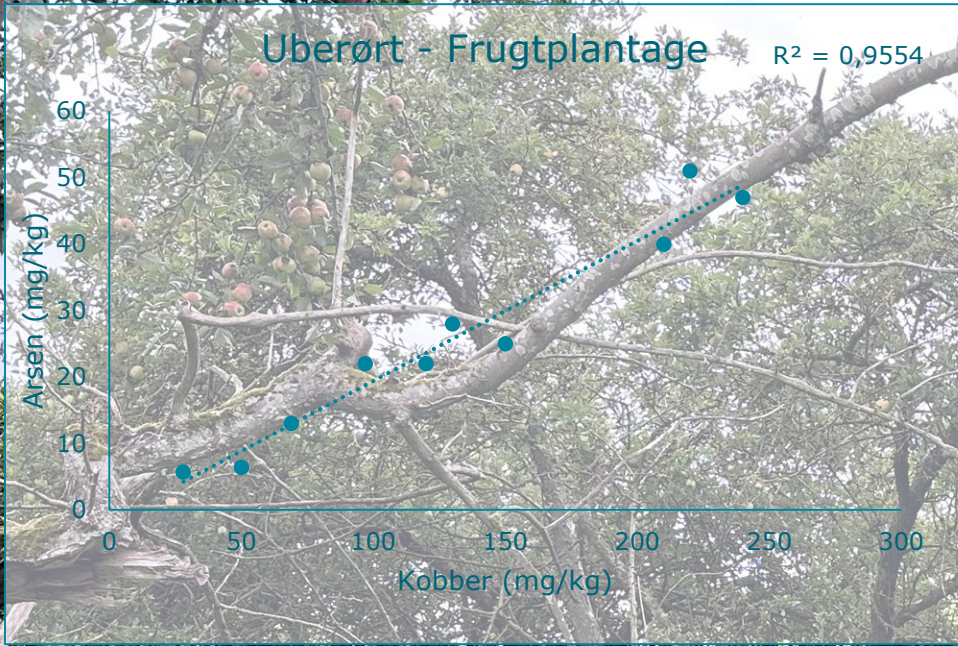
Sammenhængen mellem arsen og kobber

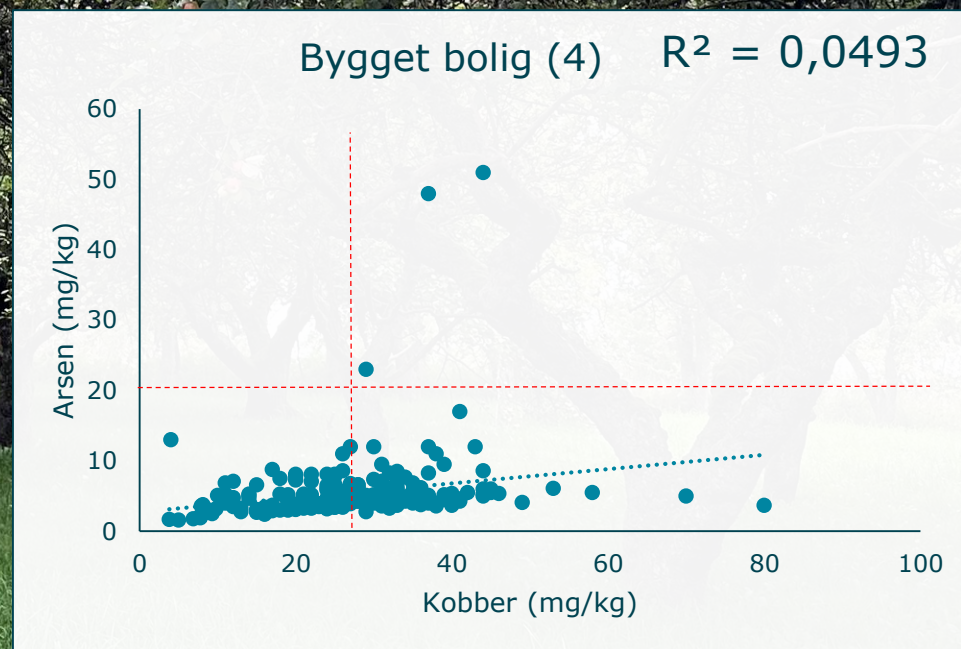
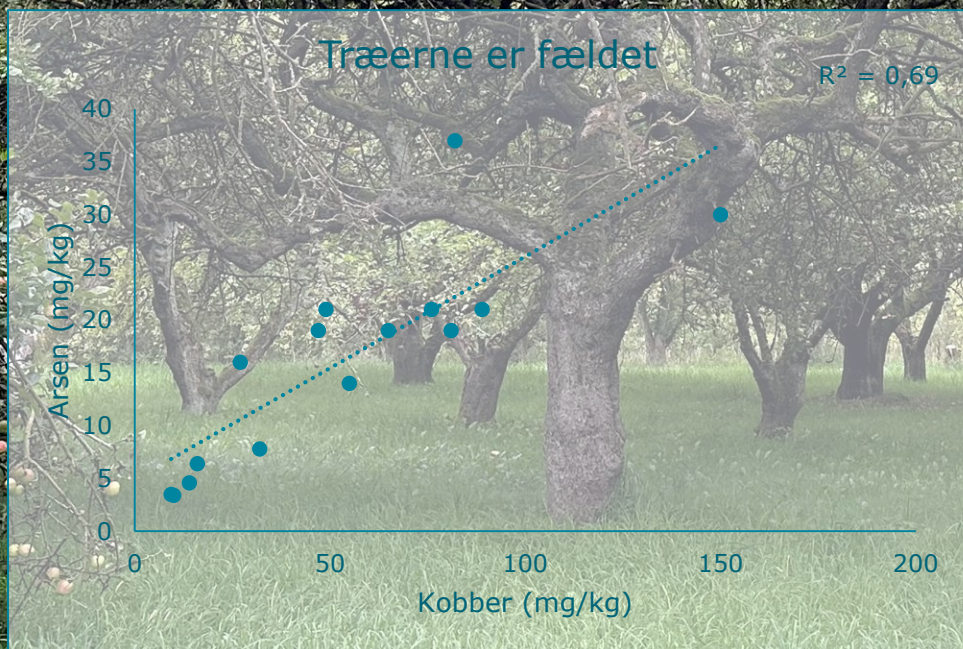
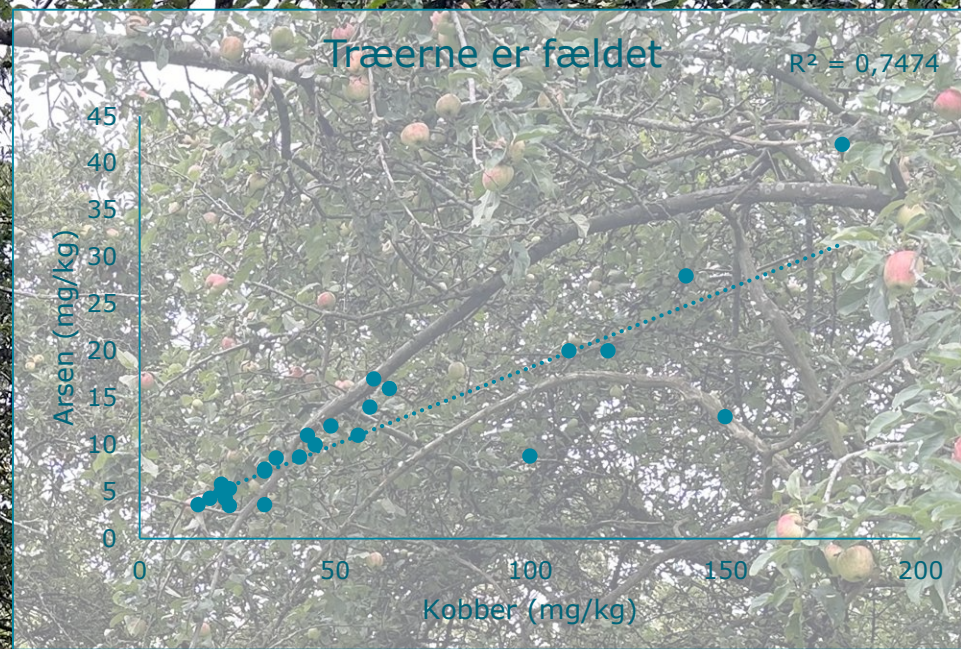
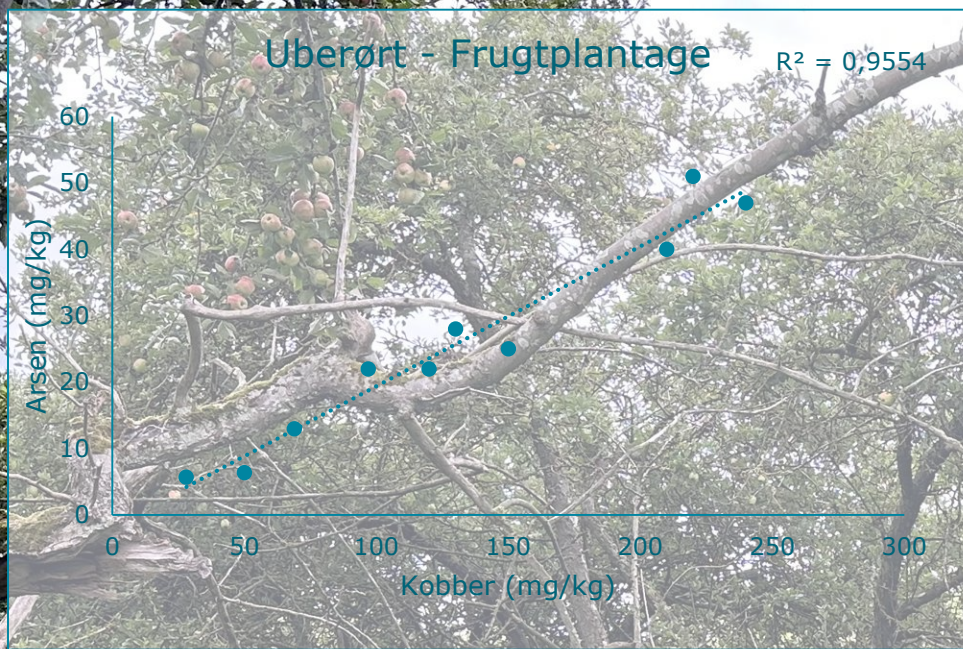
Stof	Baggrunds niveau (lerjord)
Arsen	4,1 mg/kg
Kobber	9 mg/kg

Dybden 0,0-0,25 m u.t.

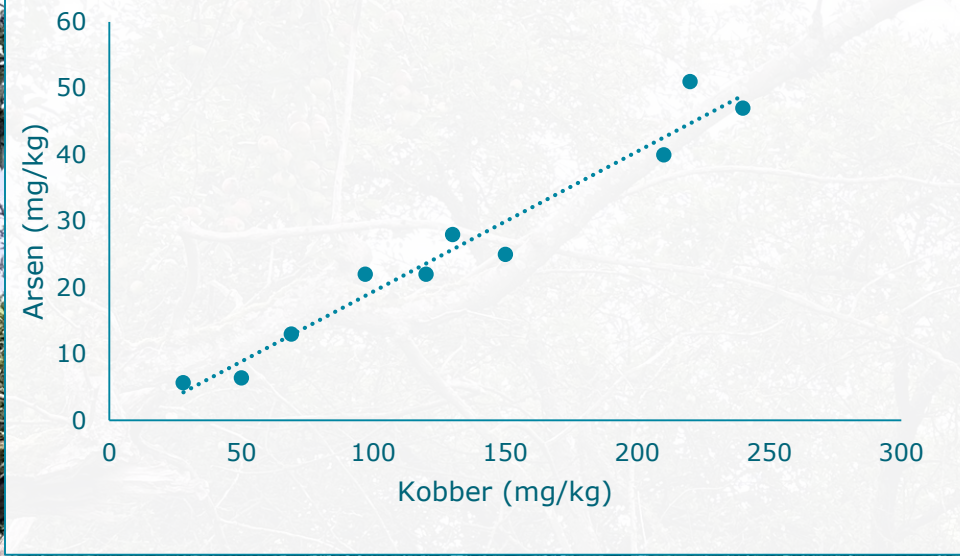


Dybden 0,0-0,25 m u.t.

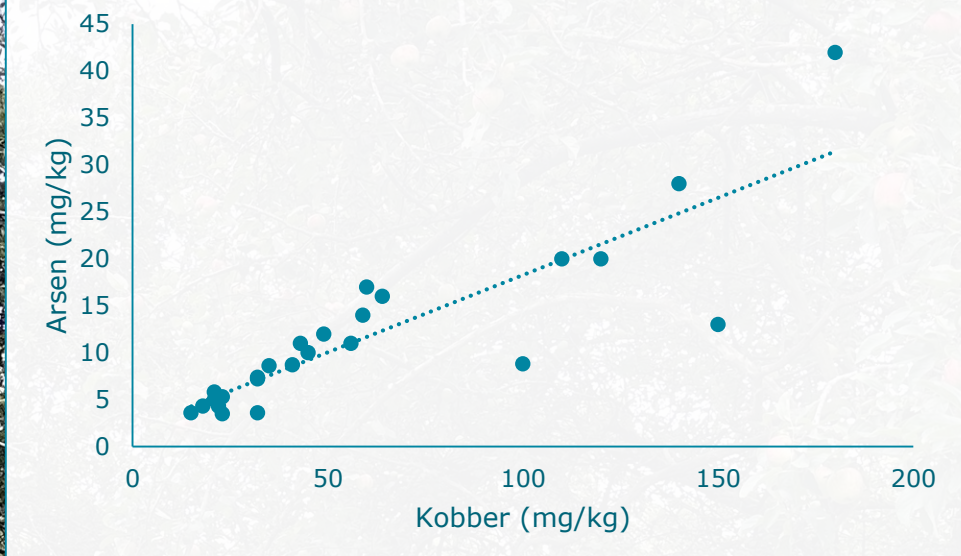




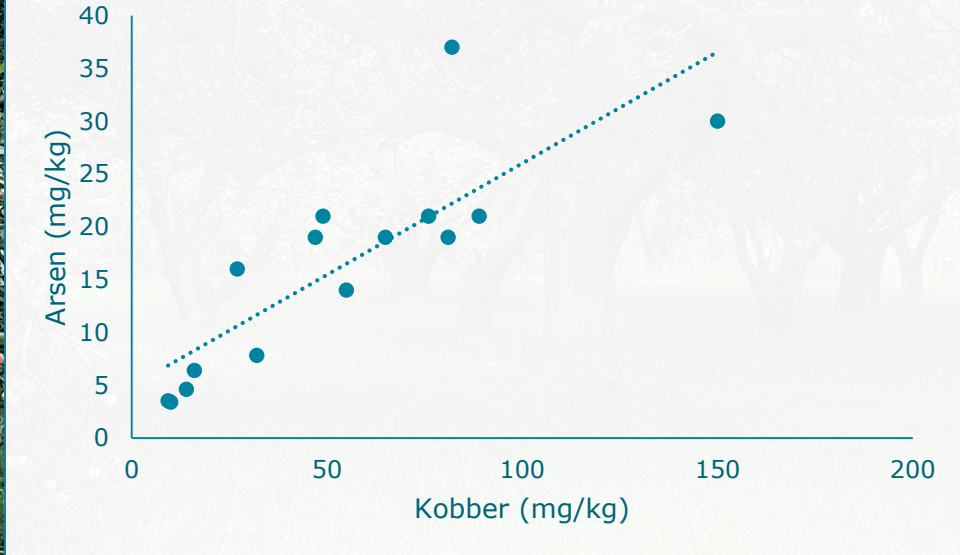
Überørt - Frugtplantage (6) $R^2 = 0,9554$



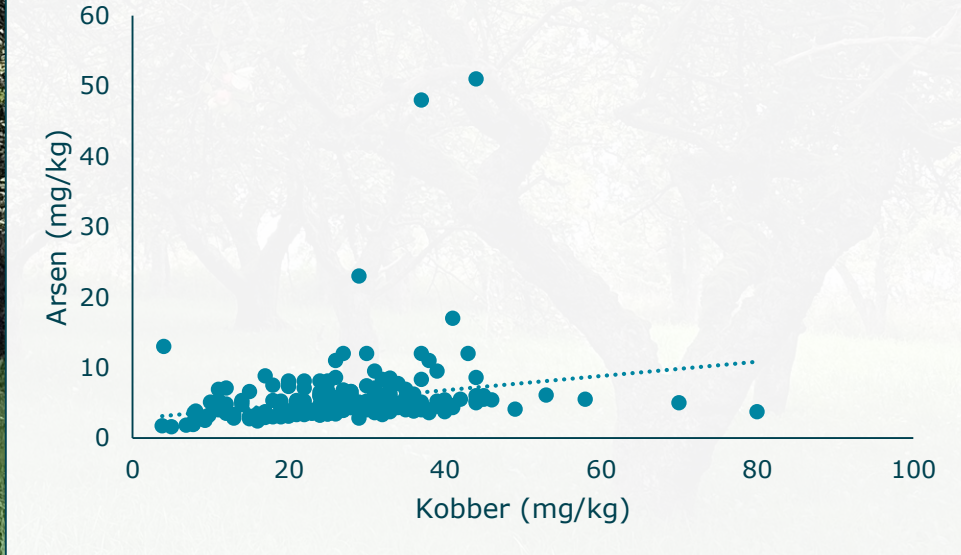
Træerne er fældet (1) $R^2 = 0,7474$



Træerne er fældet (2) $R^2 = 0,69$



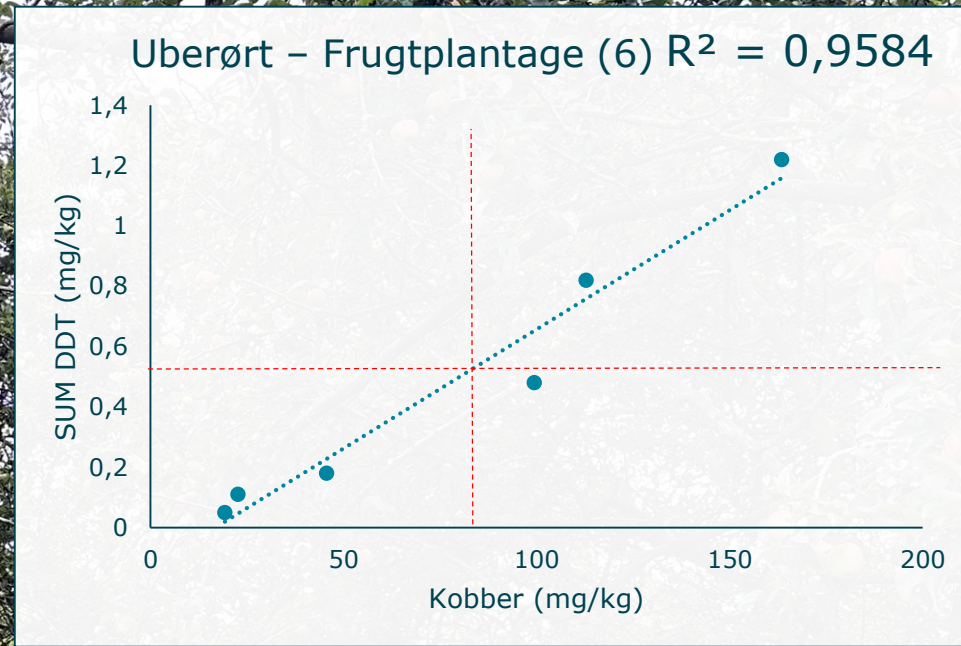
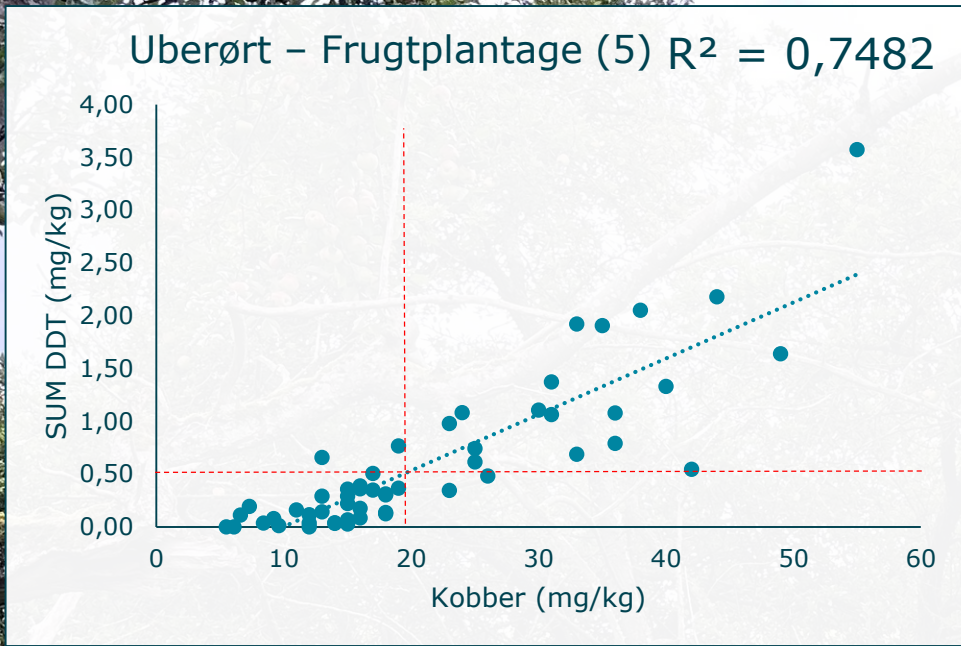
Bygget bolig (4) $R^2 = 0,0493$



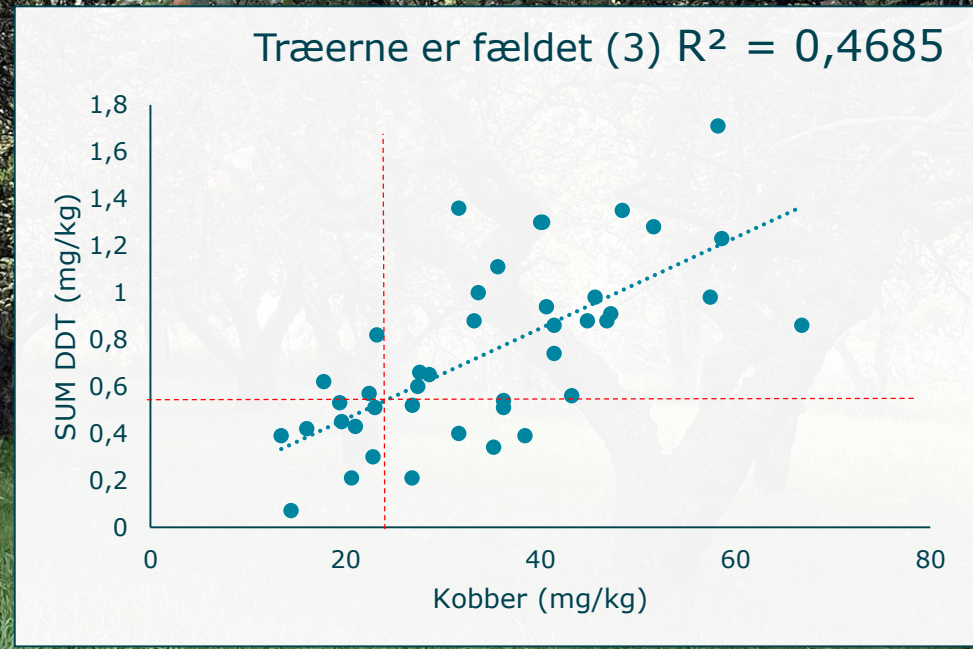
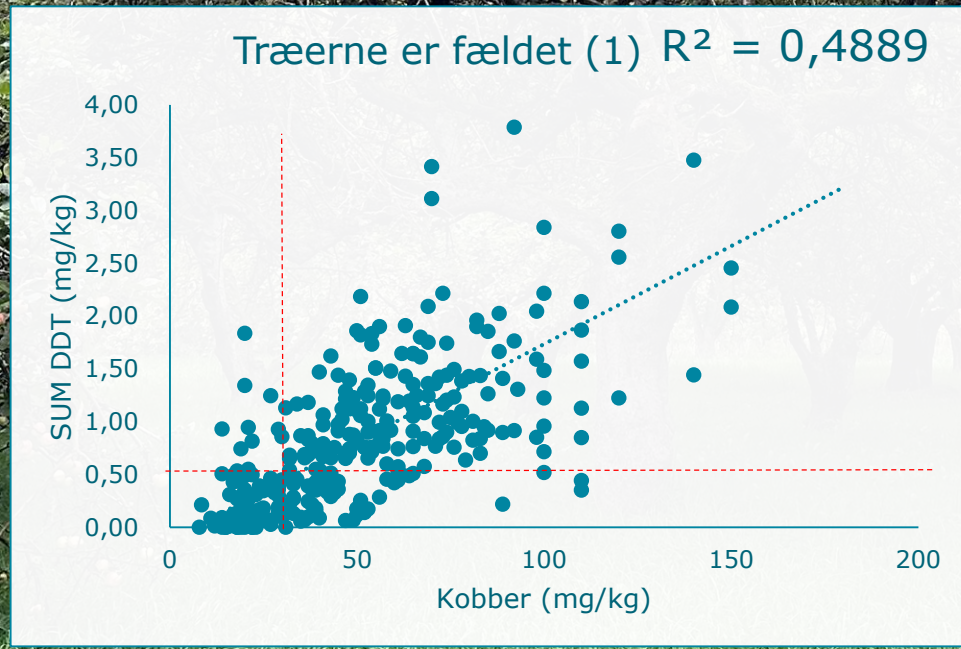
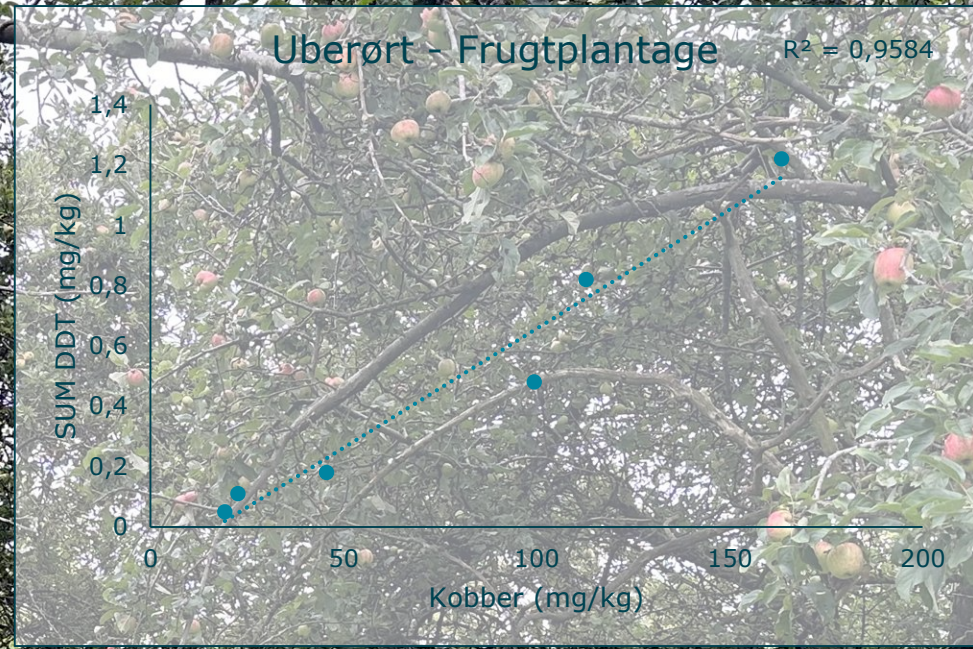
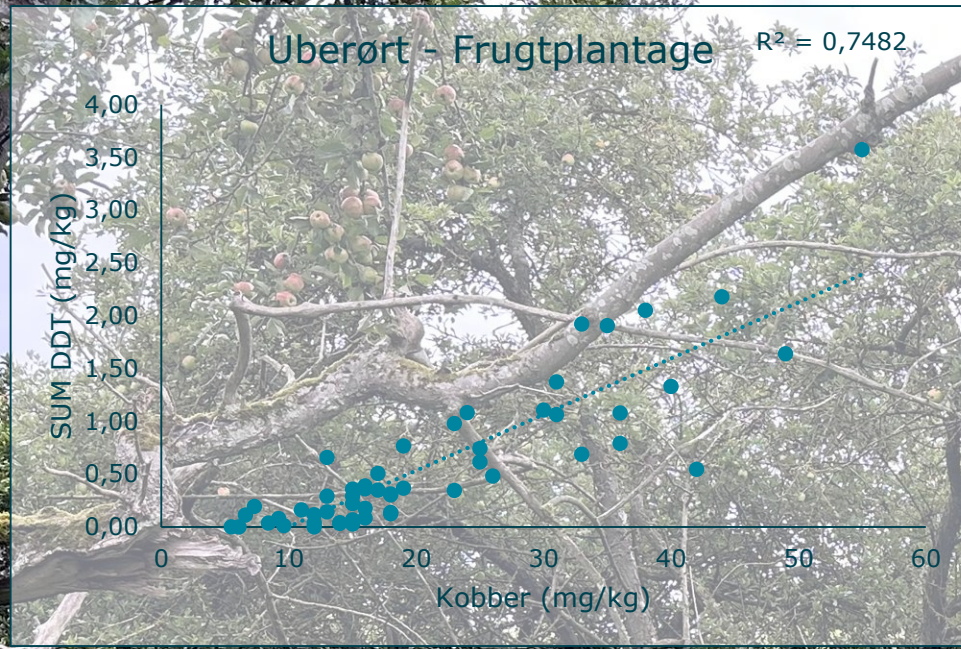


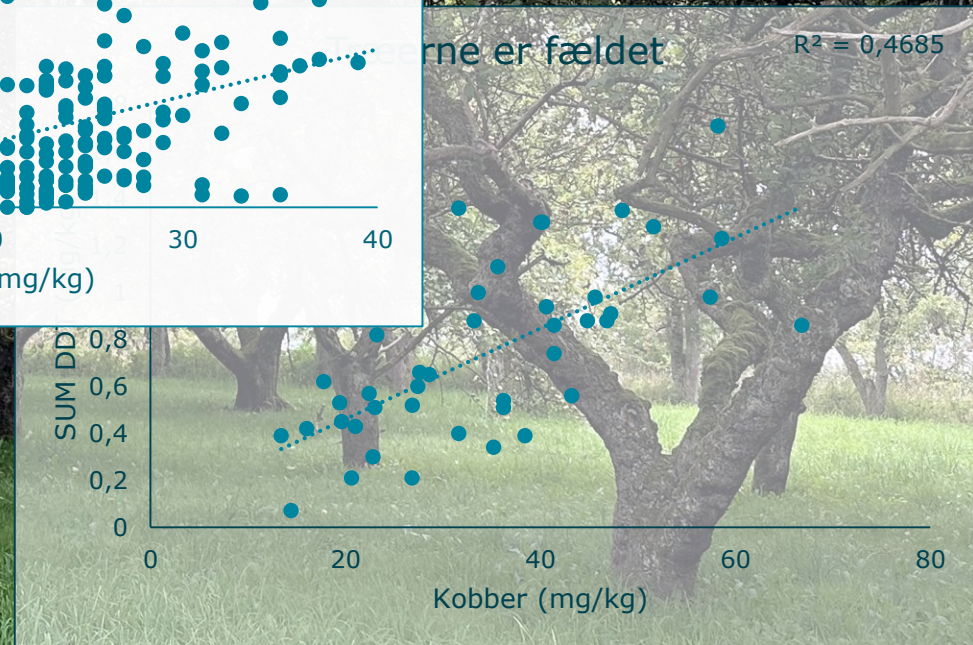
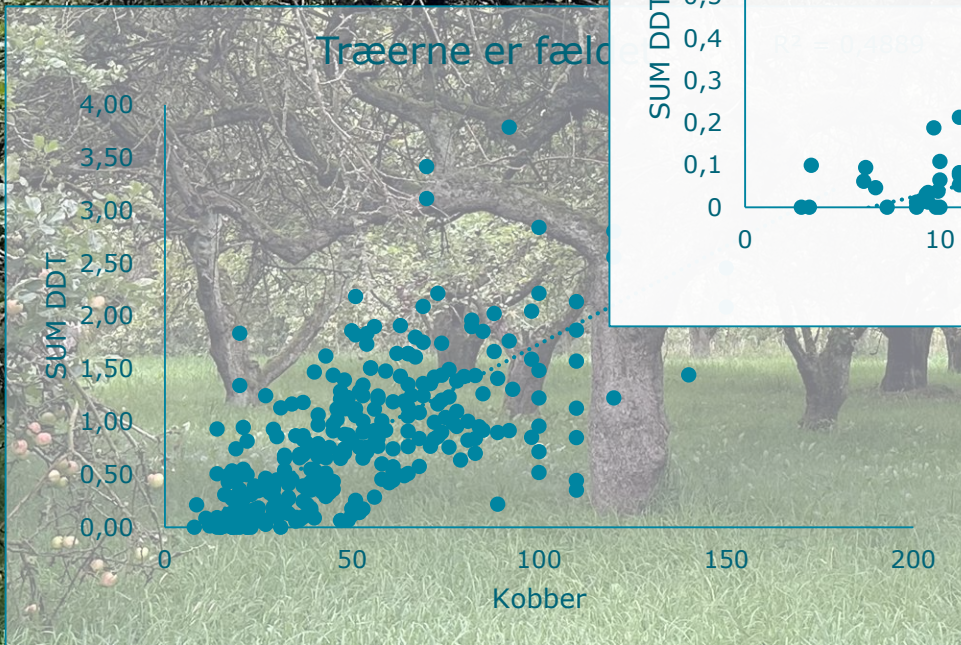
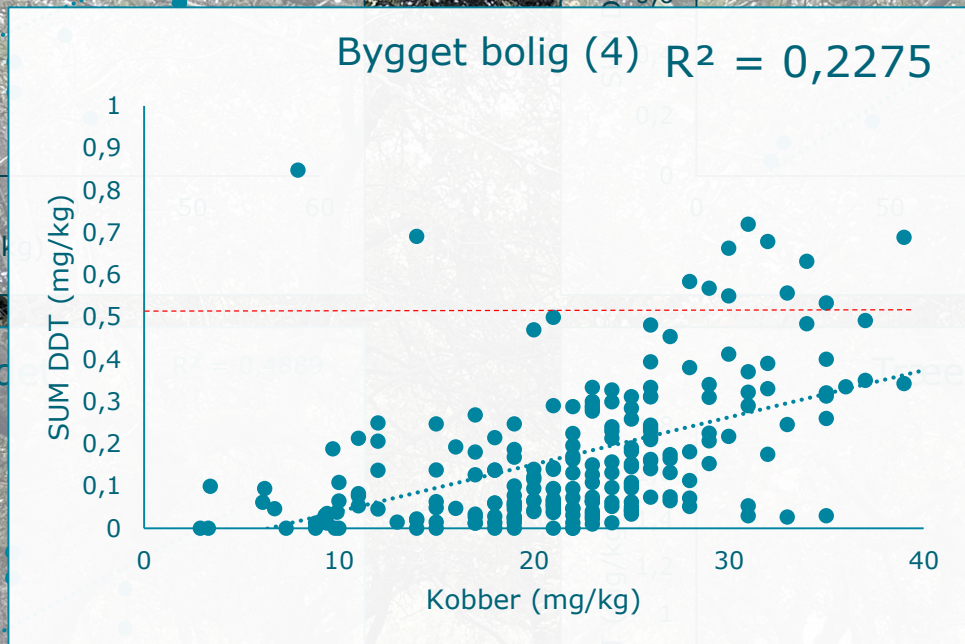
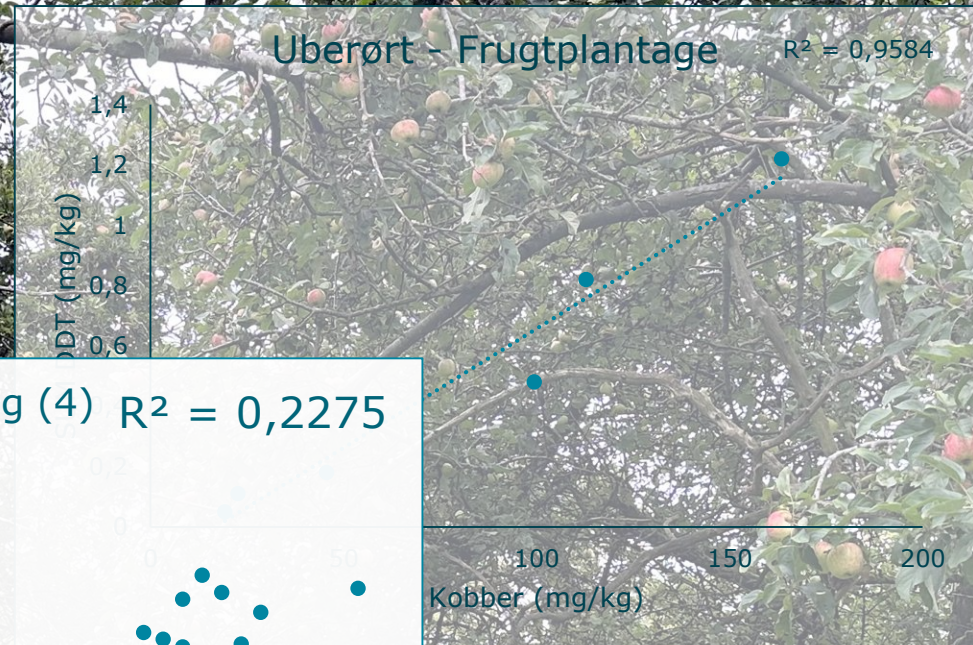
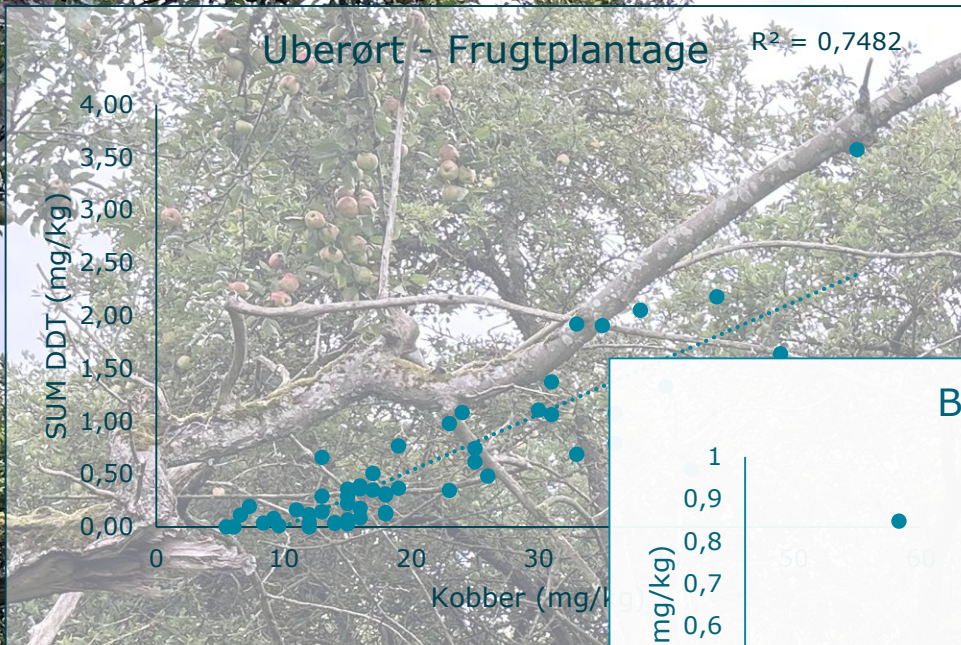
Sammenhængen mellem SUM DDT og kobber

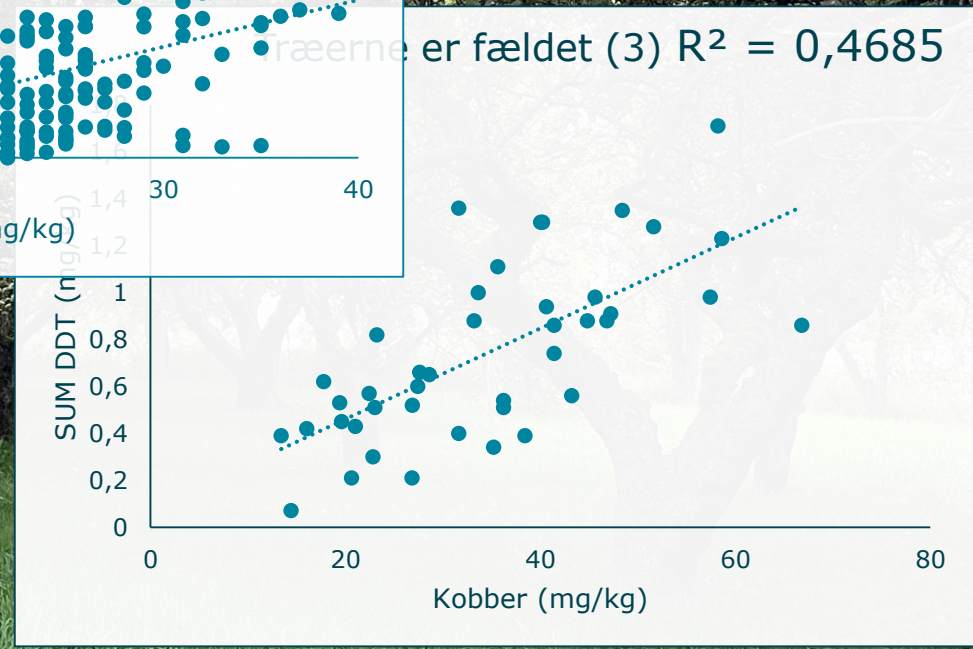
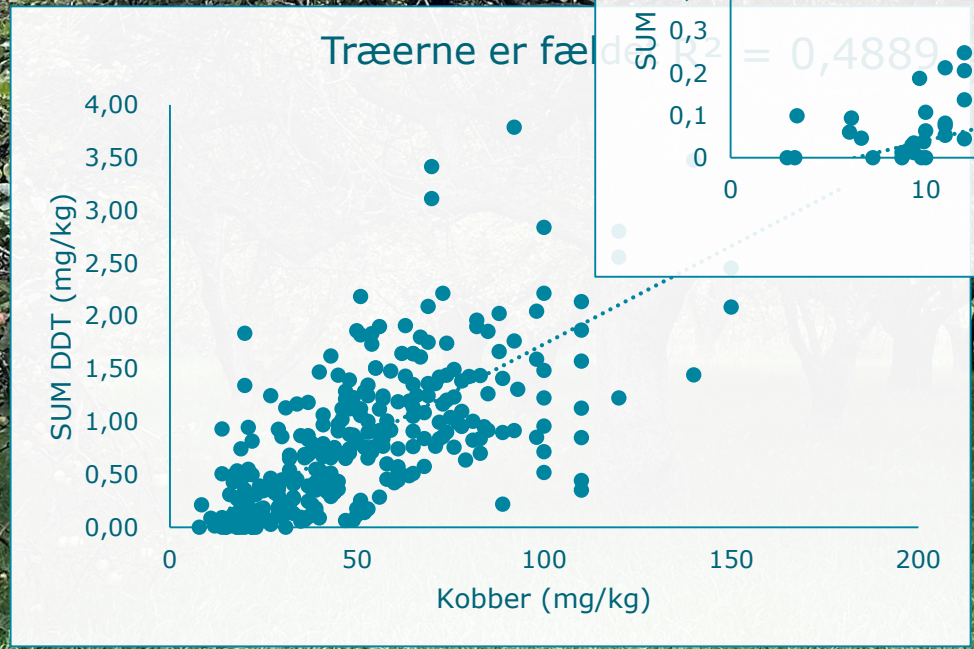
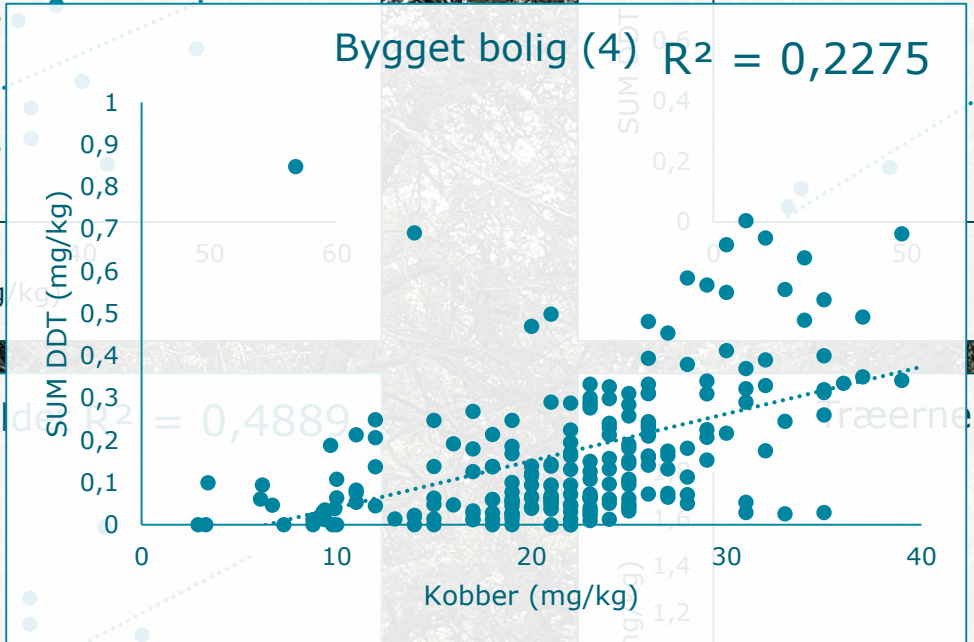
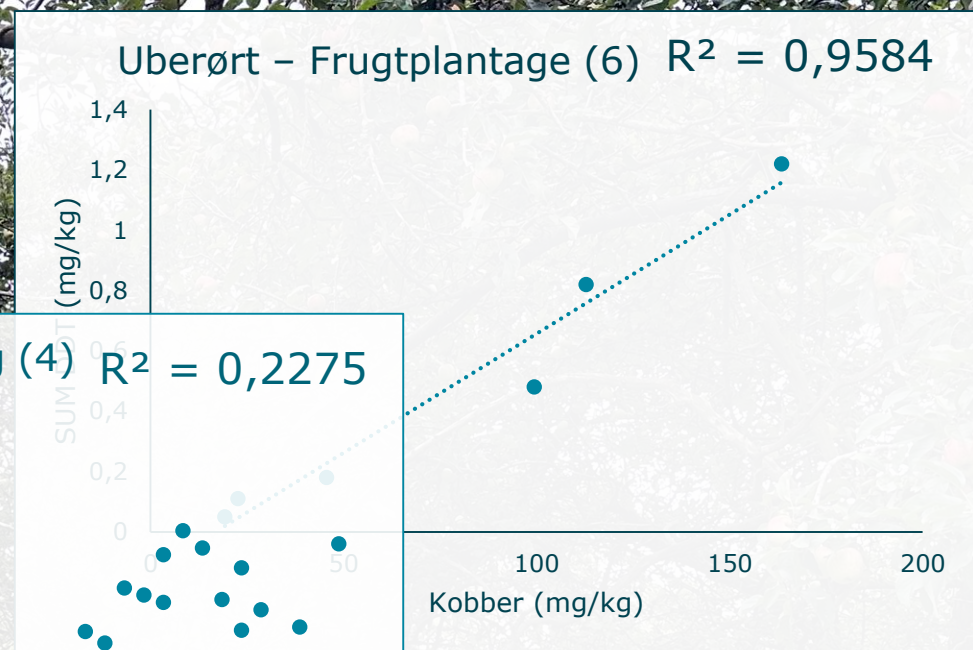
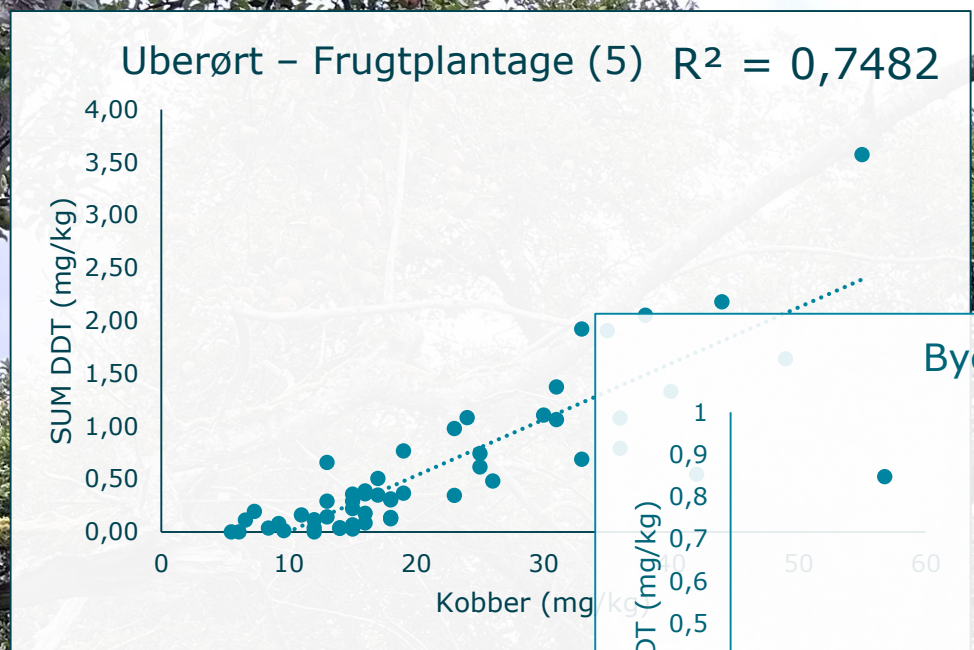
Stof	Baggrunds niveau (lerjord)
Kobber	9 mg/kg



Dybden 0,0-0,25 m u.t

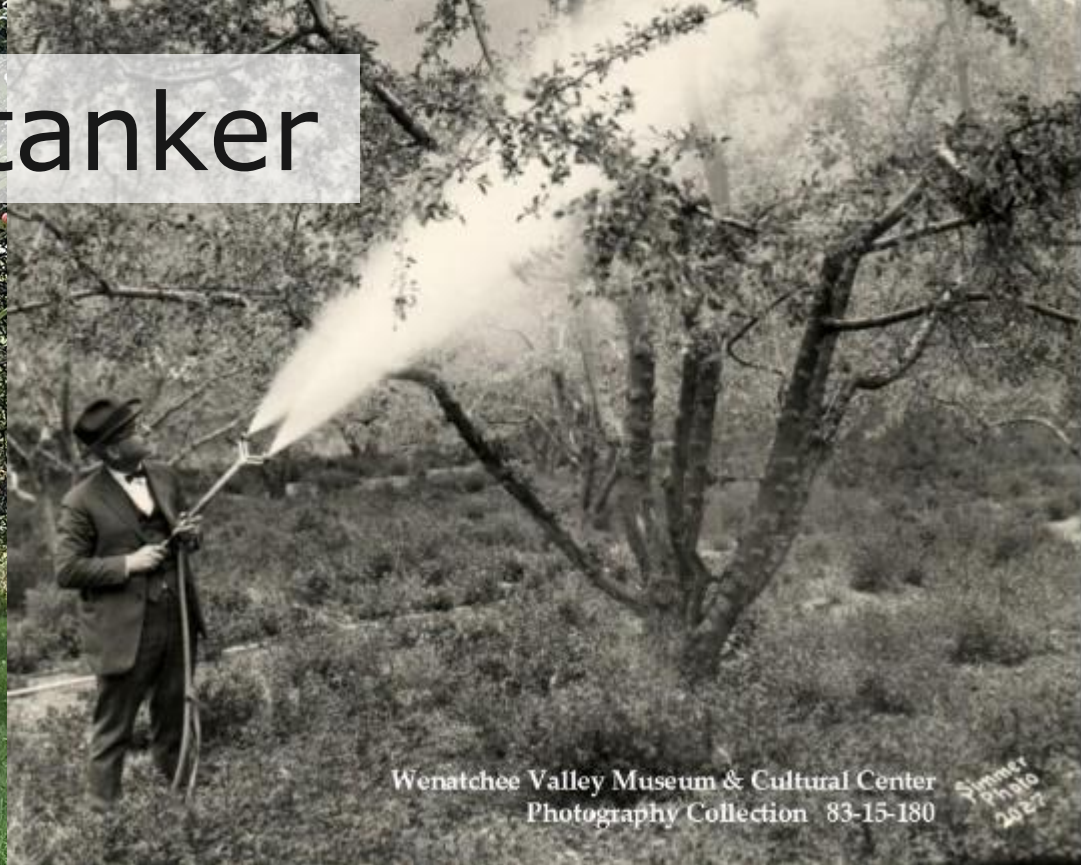








Afsluttende tanker



Wenatchee Valley Museum & Cultural Center
Photography Collection 83-15-180

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