Questionnaire to an <u>German</u> farm regarding crop yields, N-fertilizers and some unit prices for comparing to Danish framing constraints of farming.

Name of farm and location: close to Plön, heavy soils, some stones

Yields dt /ha and allocated kg N/ha

Crop	2010	2011	2012	2013	2014
Wheat *					
Yield/ha	78,1	71,1	97,4	89,8	113,0
N/ha	255	248	230	254	230
Barley					
Yield/ha	82,9	55,6	96,3	101,9	101,6
N/ha	245	221	215	229	225
incl.autum					
Rapes					
Yield/ha	42,0	23,0	35,2	35,2	44,6
N/ha incl.	252	242	242	245	245
autum					
Corn Silage 32					
%TS					
N /ha					

- Wheat has 12,0 % Protein in average, 38 % of the wheat stands after wheat, 62 % after Oilseed Rape
- 3 % of N is organic N (Biogas manure; NH4 zu 100 %= 50 % of total N)

Please ad an eventual other important crop.

Cost €/ha	2010	2011	2012	2013	2014
Seeding	65	83	96	71	72
Fertilizer incl.	218	245	264	253	190
P,K,SO4, MgO,					
CaO and trace					
elements					
Spaying	165	221	203	226	237

Unit prices of crops and fertilizer

Price/100kg	2013	2014
Wheat	19,05	16,79
Barley	17,39	14,56
Rapes incl. oil	43,98	35,34
Corn silage		
NPK type?		
Urea 46 %N	28,40	26,20

What was the yearly cost of Spraying Wheat/ha? 2014? 2015?

Subsidies from EU

Type of subsidy	2014	2015	2020
Basic			
Compensation/ha			
Environmental			
Sensible areas/ha			
Programs for wildlife			
Per farm or ha			
Please specify:			
Subsidies to Organic			
Farming:			
Basic /ha			
Transition years/ha			

Please add eventual other subsidies whether EU or National

Taxes

Туре	General	Diesel	Electricity
Tax on arable land			
CO2 and NOx tax			
Tax on Pesticides			

Please add eventual other taxes on the production

Prices at farm excl VAT for in £:

Electricity/kwh					
Diesel/liter					
Glycosat 420/liter					
Technician/Craftsman per hour					
Average trained Employee paid per ho	our				
plus mark up of social benefits paid by employer in % of hourly wage					
Constrains in operating the farm:					
Any volume restrictions on consumption of fertilizers (N or P)?					
Any limits on spraying or using fertilizer close to streams/brooks or waterholes?					
Demands of catch crops other than the mandatory 5% from EU?					
Are you allowed to clean streams/brooks/watercanals?					
Or is it a public service?	Do you pay for it?				
Other?					
Fees or cost of providing permissions of operating:					
Annual fertilizer consumption per crop?					
Filling in of annual spraying journal?					
Public environment supervision?	How often?	Price?			