

17.März, 2016

Questionnaire to an German 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 Lübeck, light soils with stones**

Yields dt /ha and allocated kg N/ha

Crop	2010	2011	2012	2013	2014
Wheat *					
Yield/ha	83,6	59,8	84,6	92,1	95,4
N/ha	245	210	215	223	241
Barley					
Yield/ha	87,2	52,5	91,4	93,7	92,3
N/ha incl.autum	205	190	199	245	212
Rapes					
Yield/ha	40,3	24,6	43,8	38,4	44,0
N/ha incl. autum	248	222	229	249	247
Rye					
Yield /ha		62,9	84,1	95,6	
N/ha		165	174	186	
Cornsilage					
Yield /ha 32 %TS					
N/ha					

- Wheat has 12,5 % Protein in average, no second wheat
- 5 % of N is organic N (NH₄ zu 100 % = 50 % of total N)

Please add an eventual other important crop.

Cost €/ha	2010	2011	2012	2013	2014
Seeding	48	50	65	64	54
Fertilizer incl. P,K,SO4, MgO, CaO and trace elements	265	254	277	343	321
Spaying	161	152	164	170	176

Unit prices of crops and fertilizer

Price/100kg	2013	2014
Cereal price (Wheat/Barley/Rye)	18,94	18,26
Rapes incl. oil	42,31	38,84
Corn silage		
NPK type?		
Urea 46 %N		

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

Type	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 hour

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?
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