

12.März, 2016

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

Name of farm and location: **close to Kiel, different soils from sand to clay, stones**

Yields dt /ha and allocated kg N/ha

Crop	2010	2011	2012	2013	2014
Wheat *					
Yield/ha	85,0	66,2	87,1	84,7	107,9
N/ha	242	235	245	235	230
Barley					
Yield/ha			86,4	87,1	91,5
N/ha incl.autum			215	205	220
Rapes					
Yield/ha	42,7	32,3	37,9	41,8	47,6
N/ha incl. autum	252	242	250	230	235
Corn Silage 32 %TS	233	480	368	336	
N /ha	185	190	188	185	

- Wheat has 12,0 % Protein in average, 30% of the wheat stands after wheat, 70 % after Oilseed Rape
- Corn Silage: Only 5 % in the rotation
- 10 % of N is organic N (Pig manure; NH₄ zu 100 % = 50 % of total N)

Please add an eventual other important crop.

Cost €/ha	2010	2011	2012	2013	2014
Seeding	79	94	84	59	75
Fertilizer incl. P,K,SO ₄ , MgO, CaO and trace elements	225	219	302	242	250
Spaying	137	187	220	240	188

Unit prices of crops and fertilizer

Price/100kg	2013	2014
Wheat	19,91	16,84
Barley	18,17	17,06
Rapes incl. oil	45,61	36,89
Corn silage	3,50	
NPK type?		
Urea 46 %N	34,52	29,91

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?

