

17.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: **south of Lübeck, different soils with stones**

Yields dt /ha and allocated kg N/ha

Crop	2010	2011	2012	2013	2014
Wheat *					
Yield/ha	95,2	72,8	88,1	96,0	100,9
N/ha	271	236	240	246	230
Barley					
Yield/ha	90,3	50,6	86,5	89,4	101,6
N/ha incl.autum	228	221	215	211	209
Rapes					
Yield/ha	46,7	27,7	41,6	44,6	41,5
N/ha incl. autum	259	236	247	238	247
Rye		70,9	91,1	101,2	92,5
Yield /ha		173	185	185	191
N/ha					

- Wheat has 12,0 % Protein in average, 29 % of the wheat stands after wheat, 71 % after Oilseed Rape
- 4 % 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	55	83	78	78	70
Fertilizer incl. P,K,SO ₄ , MgO, CaO and trace elements	234	407	375	296	288
Spaying	146	151	170	161	189

Unit prices of crops and fertilizer

Price/100kg	2013	2014
Cereal price (Wheat/Barley/Rye)	20,08	17,71
Rapes incl. oil	42,18	38,04
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?

