

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 Plön, different soils from sand to clay, stones**

Yields dt /ha and allocated kg N/ha

Crop	2010	2011	2012	2013	2014
<b>Wheat *</b>					
Yield/ha	91,9	68,7	95,7	78,0	107,2
N/ha	215	250	245	220	222
<b>Barley</b>					
Yield/ha	88,3	69,2	92,3	101,2	99,5
N/ha incl.autum	210	221	225	211	205
<b>Rapes</b>					
Yield/ha	44,3	29,0		41,1	41,5
N/ha incl. autum	209	252		229	230
<b>Corn Silage 32 %TS</b>		447			
<b>N /ha</b>		190			

- Wheat has 12,0 % Protein in average, 30 % of the wheat stands after wheat, 70 % after Oilseed Rape
- Corn Silage: Only 3 % in the rotation
- 6 % of N is organic N (Biogas manure; NH<sub>4</sub> zu 100 % = 50 % of total N)

Please add an eventual other important crop.

Cost €/ha	2010	2011	2012	2013	2014
Seeding	85	110	90	79	59
Fertilizer incl. P,K,SO <sub>4</sub> , MgO, CaO and trace elements	201	287	300	256	246
Spaying	134	182	183	211	208

### Unit prices of crops and fertilizer

<b>Price/100kg</b>	<b>2013</b>	<b>2014</b>
<b>Wheat</b>	<b>20,86</b>	<b>17,86</b>
<b>Barley</b>	<b>18,08</b>	<b>15,03</b>
<b>Rapes incl. oil</b>	<b>43,66</b>	<b>35,95</b>
<b>Corn silage</b>		
<b>NPK type?</b>		
<b>Urea 46 %N</b>	<b>30,16</b>	<b>26,20</b>

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?**

