

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 with stones**

Yields dt /ha and allocated kg N/ha

Crop	2010	2011	2012	2013	2014
Wheat *					
Yield/ha	97,4	65,7	93,5	93,3	104,7
N/ha	241	248	252	254	215
Barley					
Yield/ha	96,6	69,7	98,8	91,5	98,3
N/ha incl.autum	215	221	215	229	199
Rapes					
Yield/ha	42,8	35,3	42,5	43,4	47,6
N/ha incl. autum	245	252	248	245	222
Corn Silage 32 %TS					
N /ha					

- Wheat has 12,0 % Protein in average, 40 % of the wheat stands after wheat, 60 % after Oilseed Rape
- 1 % of N is organic N (Biogas manure; NH₄ zu 100 % = 50 % of total N)

Please add an eventual other important crop.

Cost €/ha	2010	2011	2012	2013	2014
Seeding	69	104	77	67	62
Fertilizer incl. P,K,SO ₄ , MgO, CaO and trace elements	189	219	410	310	221
Spaying	164	220	216	200	247

Unit prices of crops and fertilizer

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?

