

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 Eckernförde, lighter soils with more stones**

Yields dt /ha and allocated kg N/ha

| Crop                    | 2010        | 2011        | 2012        | 2013        | 2014        |
|-------------------------|-------------|-------------|-------------|-------------|-------------|
| <b>Wheat *</b>          |             |             |             |             |             |
| Yield/ha                | <b>73,8</b> | <b>74,0</b> | <b>83,3</b> | <b>78,2</b> | <b>94,0</b> |
| N/ha                    | <b>190</b>  | <b>201</b>  | <b>205</b>  | <b>221</b>  | <b>228</b>  |
| <b>Barley</b>           |             |             |             |             |             |
| Yield/ha                | <b>86,3</b> | <b>53,8</b> | <b>86,0</b> | <b>68,1</b> | <b>94,6</b> |
| N/ha<br>incl.autum      | <b>191</b>  | <b>190</b>  | <b>198</b>  | <b>190</b>  | <b>196</b>  |
| <b>Rapes</b>            |             |             |             |             |             |
| Yield/ha                | <b>42,7</b> | <b>29,6</b> | <b>38,1</b> | <b>34,4</b> | <b>40,3</b> |
| N/ha incl.<br>autum     | <b>210</b>  | <b>222</b>  | <b>218</b>  | <b>226</b>  | <b>230</b>  |
| <b>Sugarbeat</b>        |             |             |             |             |             |
| Yield /ha 16<br>% sugar | <b>580</b>  | <b>598</b>  | <b>732</b>  | <b>744</b>  | <b>819</b>  |
| N/ha                    | <b>120</b>  | <b>115</b>  | <b>118</b>  | <b>105</b>  | <b>111</b>  |
| <b>Cornsilage</b>       |             |             |             |             |             |
| Yield /ha 32<br>%TS     |             |             |             |             |             |
| N/ha                    |             |             |             |             |             |

- Wheat has 12,0 % Protein in average, 30% second wheat
- 5 % of N is organic N (NH<sub>4</sub> zu 100 %= 50 % of total N)

Please ad an eventual other important crop.



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? |
|---------------------------------|------------|--------|