

**Appendix 2:** Average yield (in t/ha) of agricultural crops in Schleswig-Holstein in 2010 (data from Statistikamt Nord<sup>1</sup>), nitrogen content (in kg N/dt fresh weight) of crop plants (data from DüV, 2007) and corresponding estimated nitrogen content per hectare.

Crop		Average yield dt/ha	kg N/ dt fresh weight	Estimated kg N / ha
Cereal	Wheat	88.6	2.5	222.4
	Winter wheat	88.9	2.7 <sup>2</sup>	240.0
	Rye and winter meslin	59.3	2.0	120.4
	Triticale	66.8	2.2	145.0
	Barley	78.8	2.0	157.2
	Oat	47.5	2.1	101.2
	Grain maize and corn-cob-mix	90.9 <sup>3</sup>	2.3	213.2
	Other cereal	83.7	0.6	46.9
	<i>Average cereal</i>	<i>83.7</i>	<i>2.1</i>	<i>172.0</i>
Other	Silage maize and green maize	337.3	0.4	128.2
	Sugar beet	617.9	0.5	284.2
	Potatoes	347.9	0.4	135.7
	Winter canola	43.4	4.5	197.0
	Legumes	70.7 <sup>4</sup>	3.9	274.3

<sup>1</sup> eng.: Statistical Agency North

<sup>2</sup> Data from Raiffeisen (2016)

<sup>3</sup> Data based on average yield in Germany in 2010 (Statistisches Bundesamt; eng.: Federal Statistical Office, 2011)

<sup>4</sup> Data based on average yield in Schleswig-Holstein 2007-2012 (Statistikamt Nord, 2014)