



HIR Skåne

# Grain legumes for food – trial and practise

27 januari 2016

Per Modig  
HIR Skåne AB

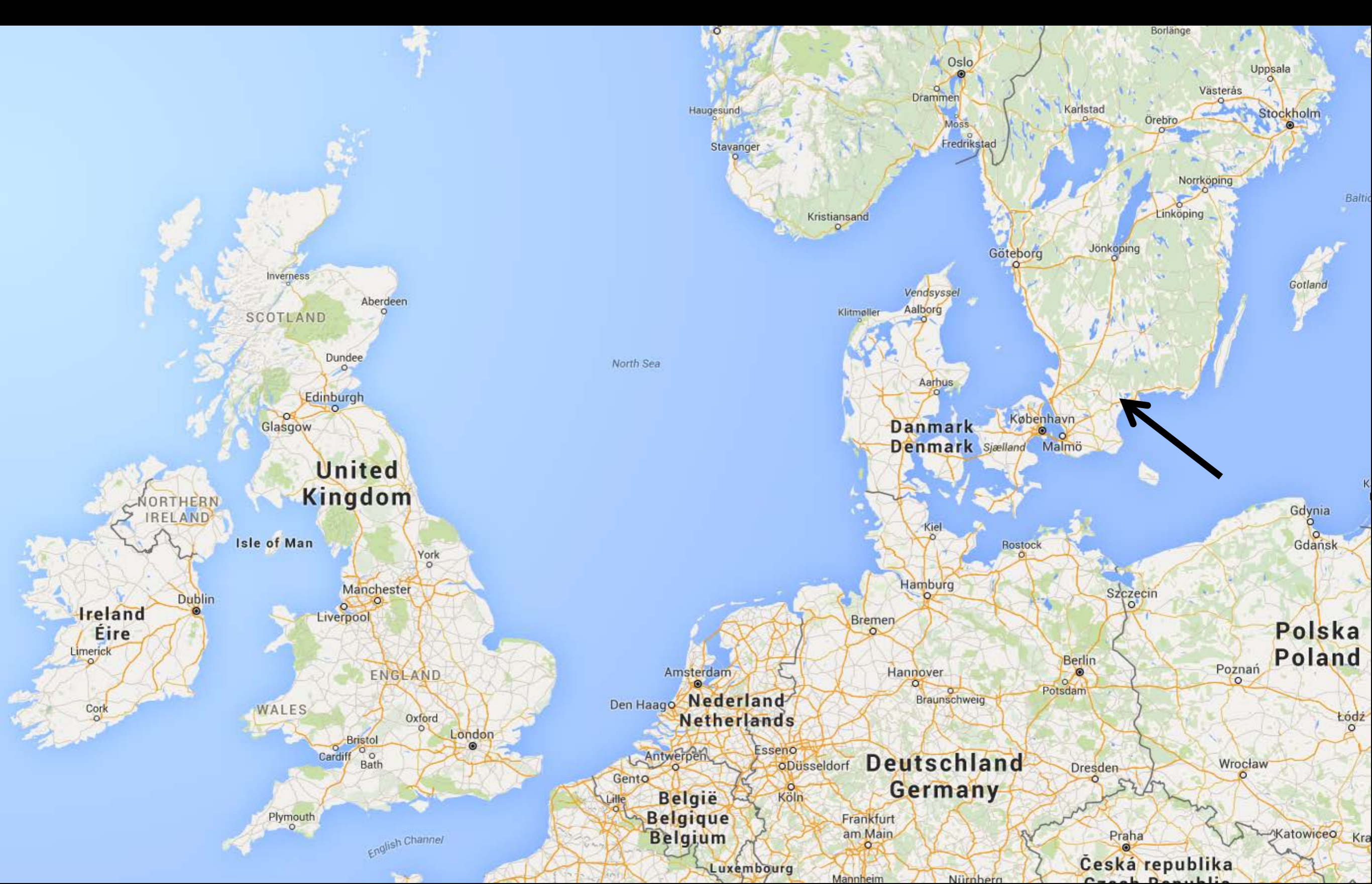




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# Different legumes – different conditions

Species	Demands	Sowing	Harvest	Yield	Challenges
Beans (Phaseolus) - Kidney - Black - Borlotti...	Light soil Warm places Frost-free	Second half of May	Dry harvest sept Green harvest aug	1,5-2,5 ton	Late harvest Special harvester?
Beans (Vicia) - Broad bean - Field bean	Water-holding soil Also colder places	Early	Dry aug-sept Green depending on sowing time	3-5 ton	Technique for green harvest
Peas - Yellow - Green - Grey	Not to heavy soil	Early	Dry aug Green depending on sowing time	2-4 ton	Old species more difficult than new
Lentils - Many colours	As peas	Early	Dry aug	1-2 ton	Weeds! Weak growth habit
Soybeans	Warm places	May	Sept-oct Green harvest aug	1-2 ton	Late harvest











































































































## Beans, peas and lentils 2014

*Trial in Kristianstad, Skåne*

	<u>Yield</u> kg/ha	<u>Inter-</u> <u>cropped</u> <u>yield</u>
<u>Red lentil</u> <u>Crimson</u>	1169	
<u>Lentil</u> <u>Anicia</u>	1241	
<u>Lentil</u> <u>Gotlandslins</u>	845	
<u>Chickpea</u> <u>Ares</u>	1353	
<u>Grey pea</u> <u>Rättvik</u>	2692	1777
<u>Grey pea</u> <u>Retrija</u>	3625	1444
<u>Grey pea</u> <u>Solberga</u>	1651	260
<u>Broad bean</u> <u>Greeny</u>	3584	
<u>Broad bean</u> <u>Listra</u>	4142	
<u>Broad bean</u> <u>Danko</u>	4176	
<u>Field bean</u> <u>Fuego</u>	5291	

## Phaseolus beans

*Trials in Kristianstad, Skåne*

<u>Yield</u> kg/ha	<b>2014</b>	<b>2015</b>
<u>Black Zorro</u>	2599	3141
<u>White T9905</u>	2267	2664
<u>White Otebo</u>	1602	
<u>White Lingot</u>	1128	
<u>White Domus</u>	1127	
<u>Borlotti Rocco</u>	2086	2302
<u>Borlotti Etna</u>	1380	
<u>Kidney OF3102</u>		2084
<u>Kidney Öland</u>	1744	1645
<u>Kidney Mont Clam</u>	1552	
<u>Pinto Kina</u>	2049	2710
<u>Brown Katja</u>	1525	2414
<u>Yin-yang</u>		1298
<u>Soldier bean</u>		1055
<u>Red Haricot Stop</u>		995