



Fascination of
Plants Day
2024

copa***cogeca**
european farmers european agri-cooperatives



Thor Kofoed

Farmer and Chair of Working Party Seeds at Copa-Cogeca



Plants
for the Future
European Technology Platform

with support from

epso

Euroseeds
Embracing Nature

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ILVO
Flanders Research Institute for
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Meeting the challenges with adapted crops

Thor Gunnar Kofoed | Copa-Cogeca



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Who are Copa and Cogeca?



* **Copa**

- * Created in 1958, Copa represents 20 million European farmers and family members

* **Cogeca**

- * Created in 1959, Cogeca represents 20,000 European agricultural cooperatives

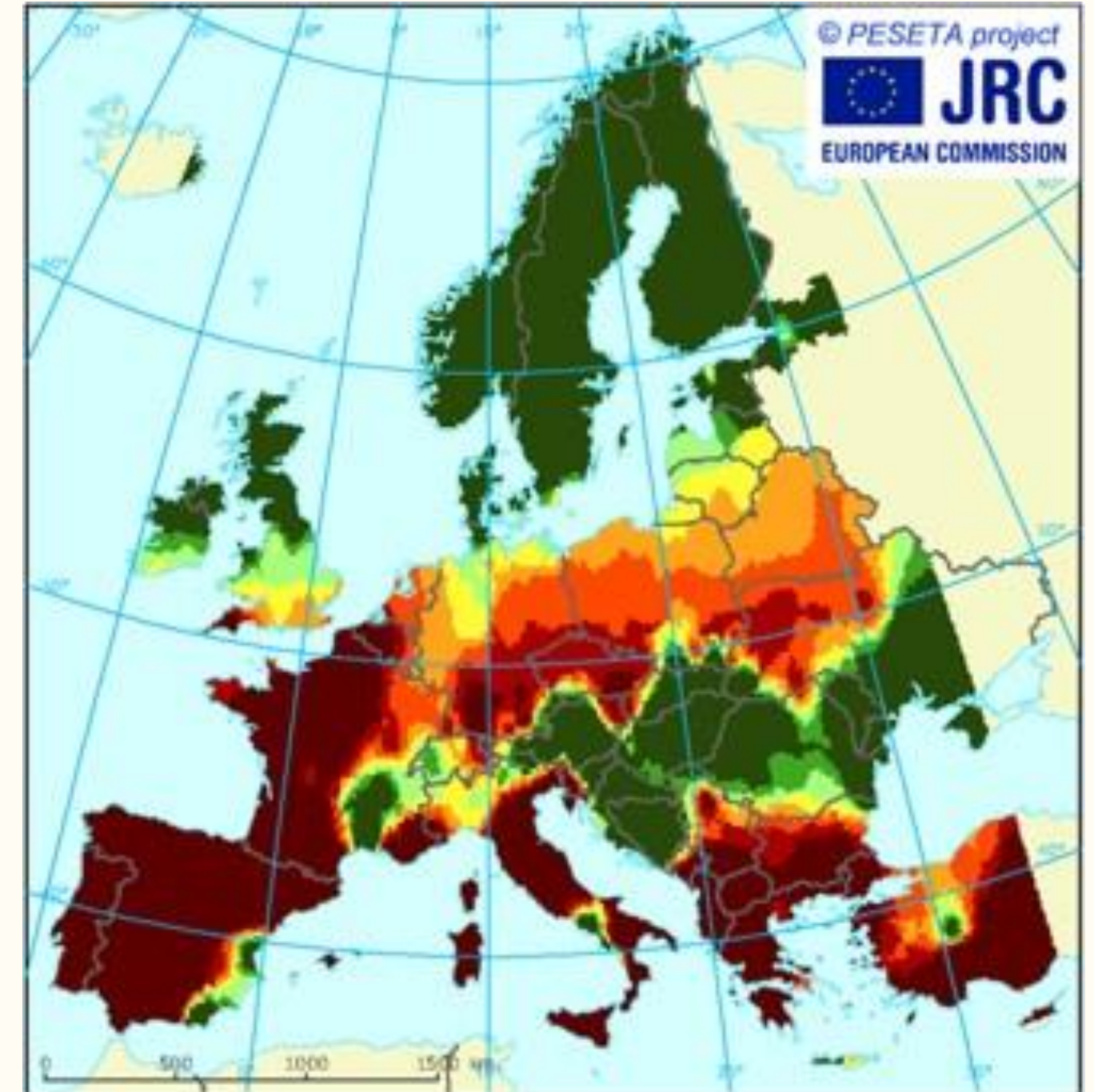
* **Copa and Cogeca**

- * In 1962, a joint Secretariat was created, making Copa-Cogeca one of the largest and most active lobby organisations in Brussels

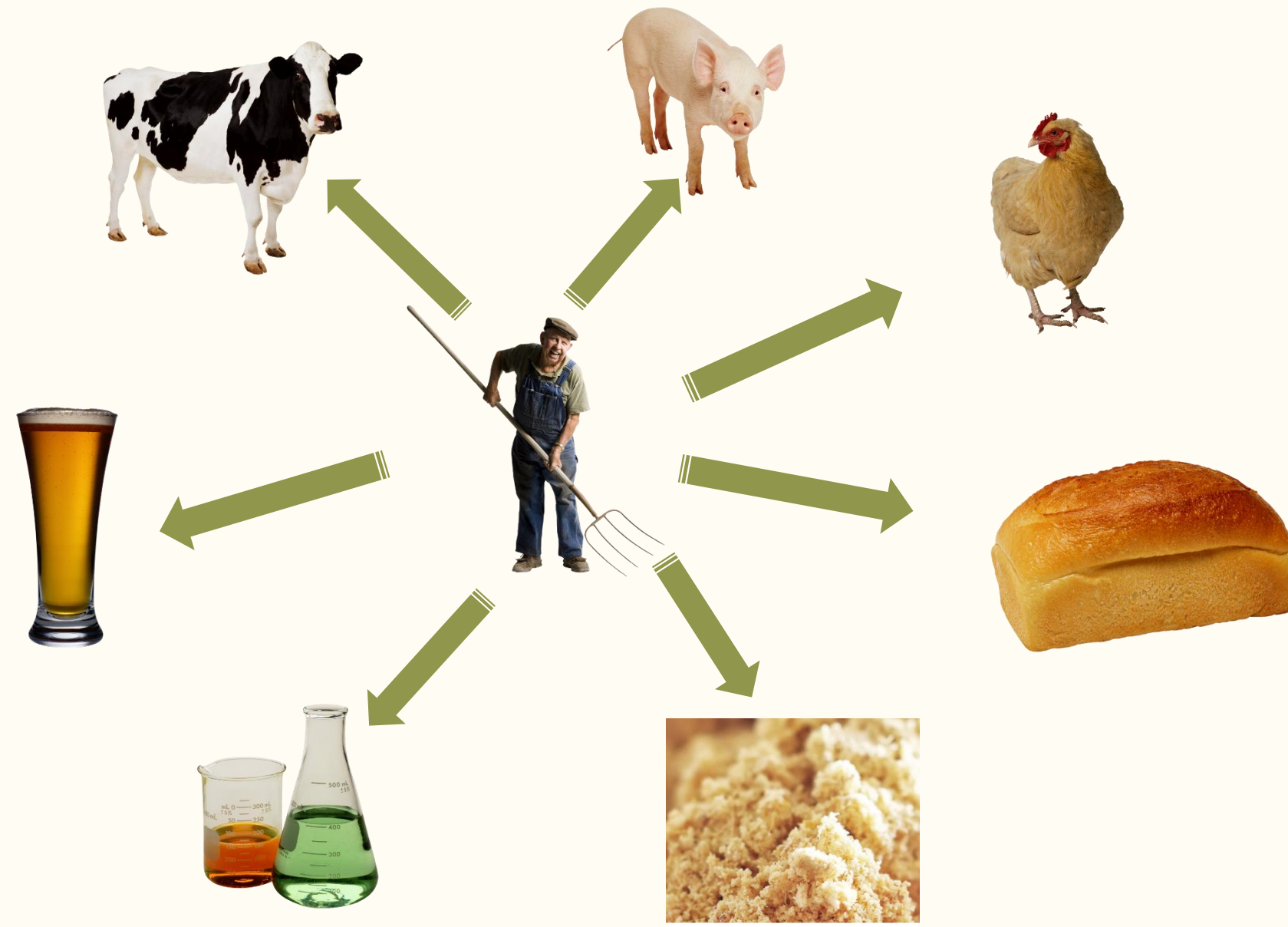


IPCC forecast for 2050

- New report say that it is going faster
- We will have desert or prairie up to Paris in 2050



The modern farmer's key decision



Marked regulation on Seed and Propagating Material

- The regulation applies in all EU countries. Level playing field.
- Variety list with DUS and Sustainability test (VCSU)
- Guarantee for identification and quality via certification
- Common Catalogue is a needed info for the farmers

Finding the varieties that meet the needs of the farmers



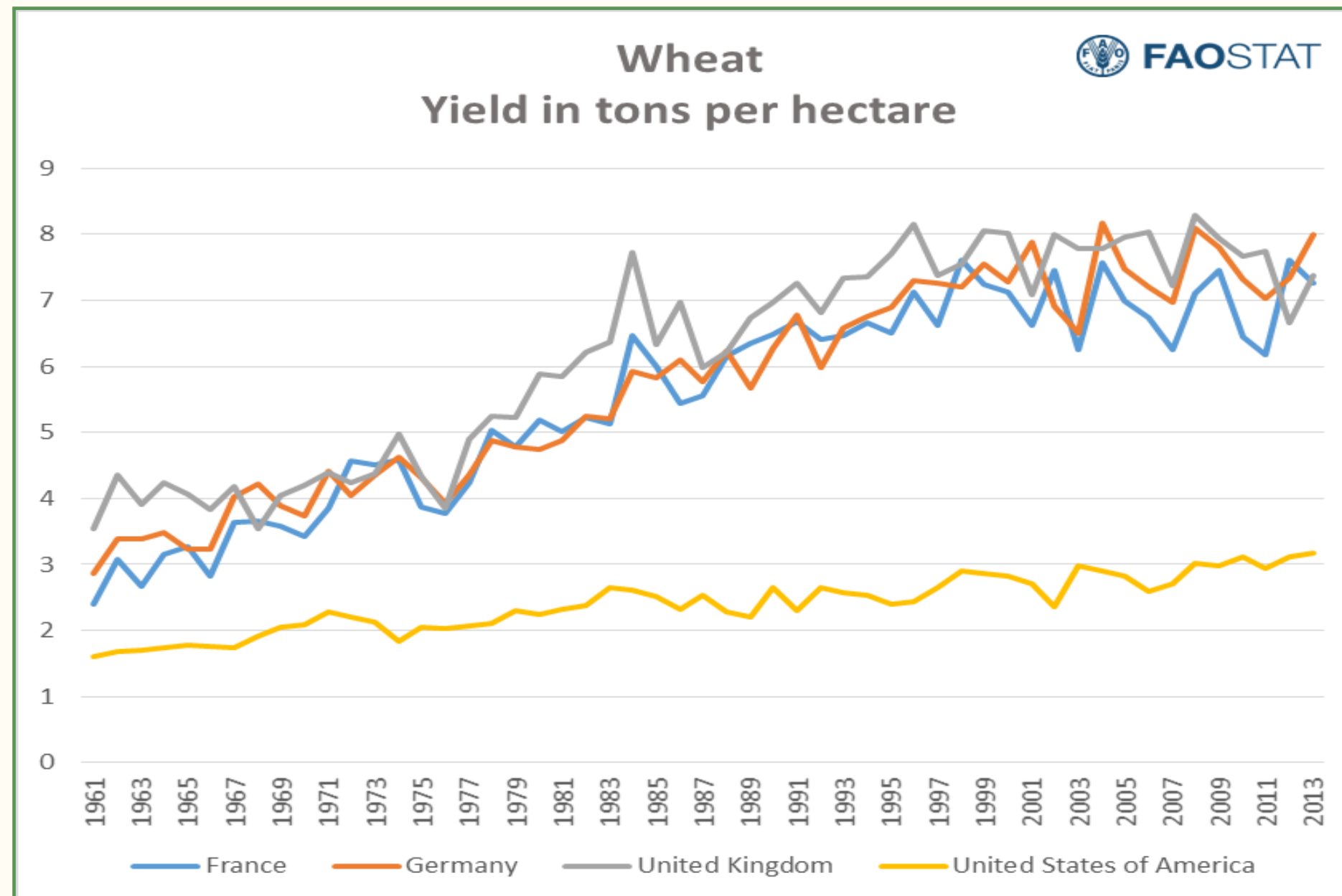
But how do we get the best variety?



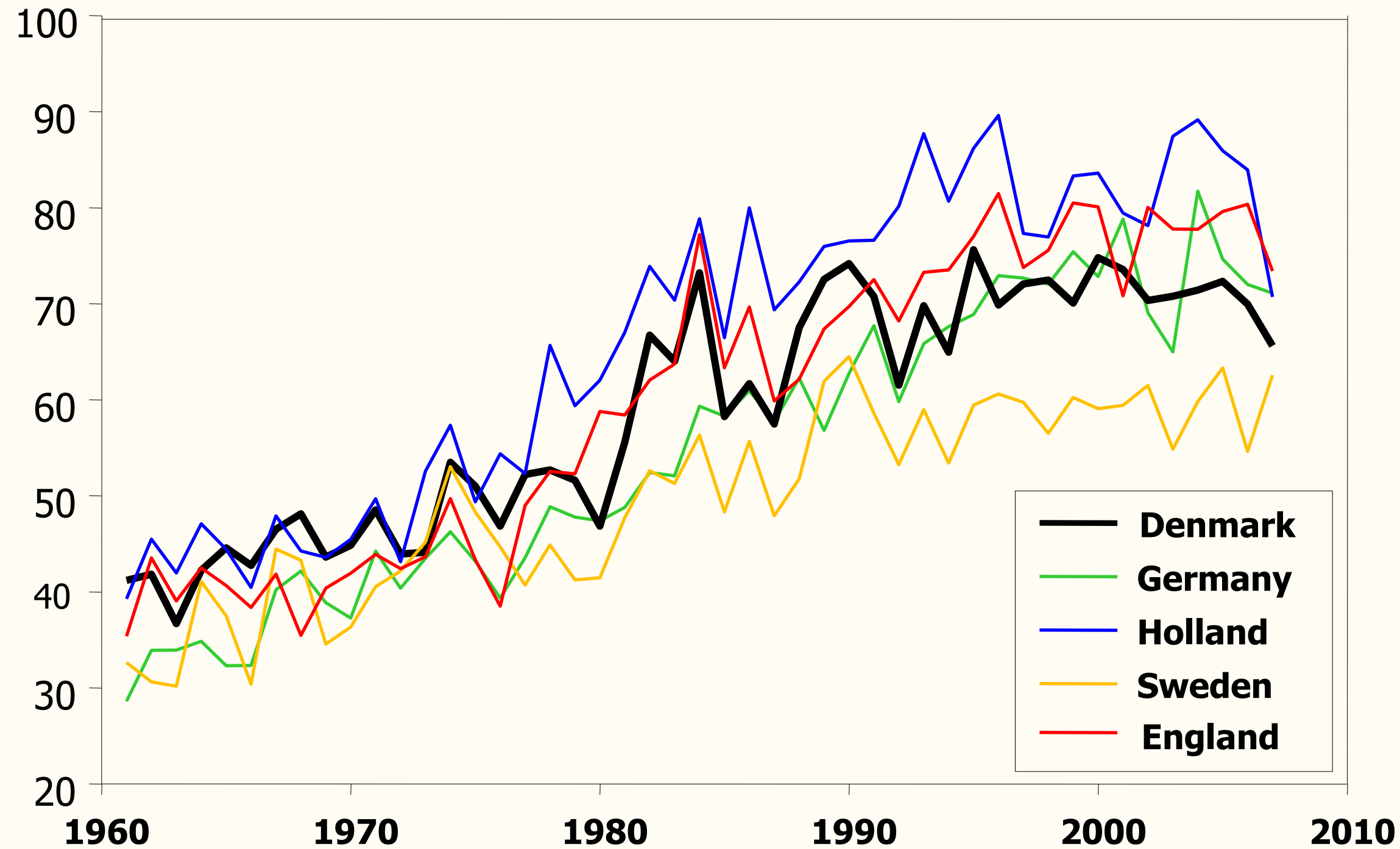
We need many breeders!

BUT...

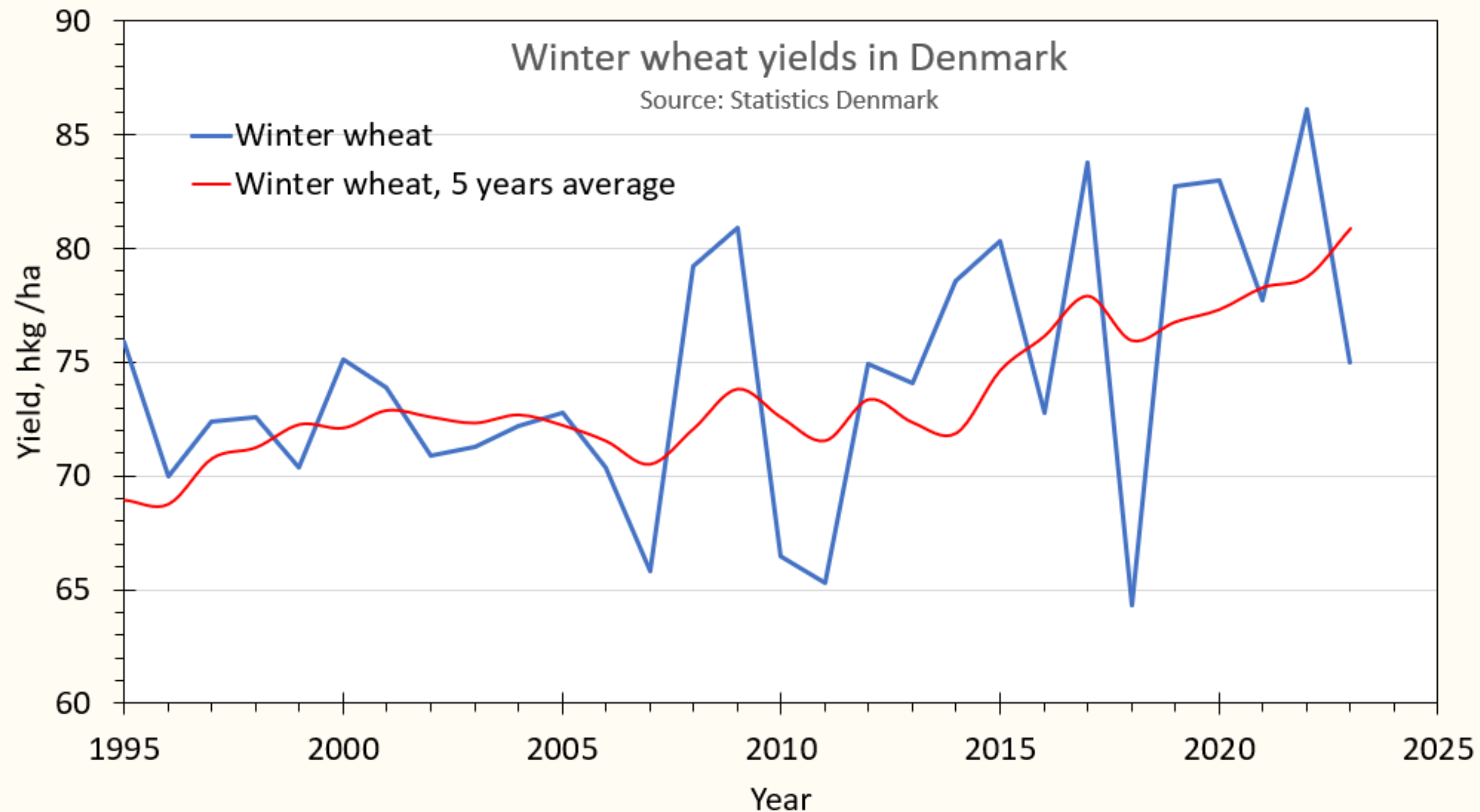
EU Main producers /USA



Yield pr. hectares


































Reduction of N with 50 % in 30 year and the use of PPP with 20 year



Treatment Index in Denmark and Germany

	DK 2024		Gernay 2021-23	
	Wheat	W. Rape	Wheat	Winter rape
Herbac.	1,24	1,71	2,0	2,2
Growsreg.	0,26	0,02	?	?
Fungi	1,12	0,43	2,4	1,0
Insect	0,33	0,83	0,8	2,7
TI in total	2,95	2,78	> 5,2	> 5,9

The perfect Variety list

Overview for winter wheat (varieties in National trials 2015, latest data)											
Selection: 20 out of 49 varieties Show all	Yield 1)		Agronomic data (Yield trials) 1)			Diseases (Observation Plots) 2)			Cultivation (Observation Plots) 2)		
	Grain yield index	Grain yield, hkg per ha	Starch, % in dry matter	Crude protein in dry matter, Tested variety	Specific weight, Tested variety	Mildew coverage	Septoria coverage	Yellow rust coverage	Ripening date	Straw length	Lodging
	(index)	(hkg/ha)	(%)	(%)	(kg/hl)	(%)	(%)	(%)		(cm)	(score 0 - 10)
											
Year	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
Sorting	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1. <u>Benchmark</u> 	106 (10)	110,8 (10)	71,1 (10)	9,3 (10)	77,2 (10)	2,4 (5)	11 (6)	8 (15)	15/8 (6)	88 (4)	0,1 (8)
2. <u>Kalmar</u> 	103 (10)	107,1 (10)	72,3 (10)	9,0 (10)	75,4 (10)	2,6 (5)	4,3 (6)	0,1 (15)	15/8 (6)	80 (4)	1,6 (8)
3. <u>KWS Silverstone</u> 	102 (10)	106,6 (10)	72,8 (10)	8,9 (10)	78,1 (10)	1,1 (5)	20 (6)	0,01 (15)	16/8 (6)	78 (4)	0,9 (8)
4. <u>KWS Nils</u> 	101 (10)	105,6 (10)	71,8 (10)	9,7 (10)	78,6 (10)	1,9 (5)	11 (6)	1,6 (15)	16/8 (6)	88 (4)	0,5 (8)
5. <u>Albert</u> 	101 (10)	105,6 (10)	72,0 (10)	9,4 (10)	78,6 (10)	11 (5)	3,3 (6)	4,0 (15)	15/8 (6)	85 (4)	0,1 (8)
6. <u>Graham</u> 	101 (10)	105,4 (10)	71,8 (10)	9,2 (10)	77,2 (10)	1,1 (5)	6 (6)	0,2 (15)	15/8 (6)	75 (4)	0,8 (8)
7. <u>Kadett</u> 	100 (10)	104,5 (10)	71,3 (10)	8,9 (10)	75,9 (10)	5 (5)	9 (6)	2,6 (15)	16/8 (6)	84 (4)	1,9 (8)
8. <u>KWS Cleveland</u> 	100 (10)	104,0 (10)	71,2 (10)	9,0 (10)	73,6 (10)	1,2 (5)	15 (6)	0,08 (15)	15/8 (6)	77 (4)	0,7 (8)
9. <u>Hereford</u> 	99 (10)	103,9 (10)	72,0 (10)	8,8 (10)	76,5 (10)	4,6 (5)	16 (6)	0,5 (15)	15/8 (6)	84 (4)	0,0 (8)
10. <u>Escalate</u> 	99 (10)	103,6 (10)	71,9 (10)	9,1 (10)	75,9 (10)	4,2 (5)	5 (6)	10 (15)	17/8 (6)	83 (4)	0,4 (8)
11. <u>KWS Lasse</u> 	99 (10)	103,5 (10)	71,2 (10)	9,3 (10)	75,7 (10)	1,0 (5)	8 (6)	0,01 (15)	15/8 (6)	89 (4)	0,8 (8)
12. <u>Tonnage</u> 	99 (10)	103,1 (10)	71,8 (10)	8,6 (10)	74,7 (10)	3,1 (5)	8 (6)	0,8 (15)	14/8 (6)	88 (4)	2,8 (8)
13. <u>Hybery</u> 	97 (10)	101,8 (10)	72,0 (10)	9,5 (10)	77,9 (10)	7 (5)	13 (6)	0,01 (15)	16/8 (6)	93 (4)	0,0 (8)
14. <u>Nakskov</u> 	96 (10)	99,9 (10)	72,1 (10)	9,3 (10)	75,3 (10)	2,8 (5)	10 (6)	0,08 (15)	16/8 (6)	85 (4)	1,3 (8)
15. <u>KWS Loft</u> 	95 (10)	99,7 (10)	71,8 (10)	10,2 (10)	80,1 (10)	1,7 (5)	3,5 (6)	24 (15)	15/8 (6)	86 (4)	1,1 (8)
16. <u>Elixer</u> 	95 (10)	99,6 (10)	71,2 (10)	9,8 (10)	78,8 (10)	2,0 (5)	6 (6)	0,3 (15)	16/8 (6)	87 (4)	1,4 (8)
17. <u>Jensen</u> 	94 (10)	98,3 (10)	71,7 (10)	9,2 (10)	78,1 (10)	0,6 (5)	7 (6)	1,4 (15)	17/8 (6)	86 (4)	0,4 (8)
18. <u>Ajax</u> 	93 (10)	97,6 (10)	72,1 (10)	9,8 (10)	79,2 (10)	6 (5)	6 (6)	0,01 (15)	15/8 (6)	87 (4)	0,4 (8)
19. <u>Foklor</u> 	92 (10)	95,8 (10)	71,4 (10)	9,7 (10)	76,3 (10)	5 (5)	6 (6)	0,8 (15)	14/8 (6)	80 (4)	1,0 (8)
20. <u>Mariboss</u> 	90 (10)	94,3 (10)	70,3 (10)	9,0 (10)	74,6 (10)	4,8 (5)	10 (6)	0 (15)	17/8 (6)	85 (4)	1,0 (8)

Better Varieties needed more than ever!

- Climate Change
- Pesticide resistant
- Special Industry demands
- Feed the world!
- **Political movements!**

Thank you!



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