



United Oilseeds & AHDB Joint Seminar 2020

# Welcome and introduction

Chaired by Andrew Cragg, United Oilseeds

# Spring Oilseed Rape The Forgotten Cousin?

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THE LEADING BREAK CROP SPECIALIST



# Spring Oilseed Rape

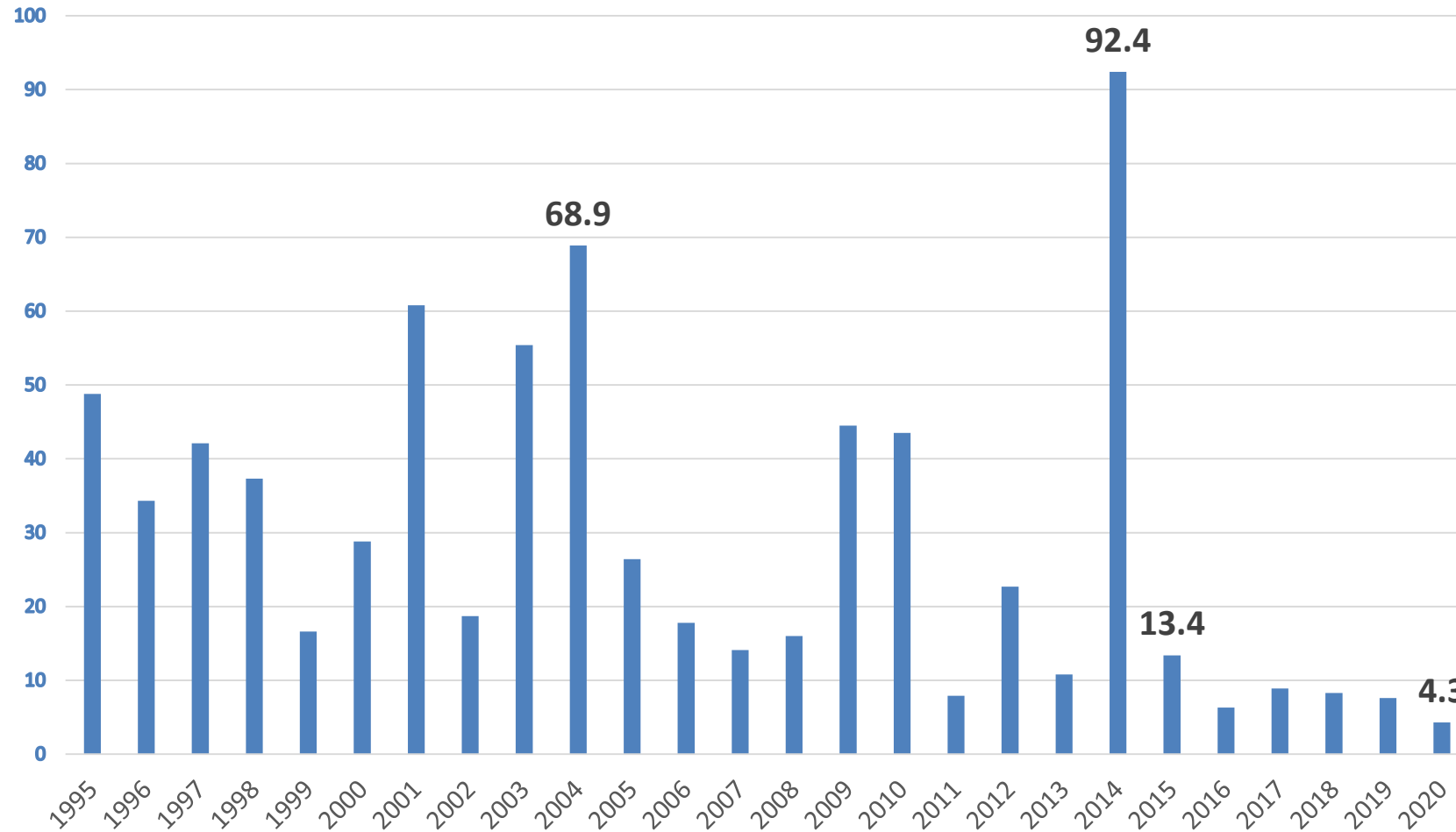
## - The Forgotten Cousin?

- Background
  - Crop size – by harvest year
- Why reconsider the crop?
  - Features and Benefits
  - An alternative to the predicted cropping
  - Gross Margin
- The Varietal Options
  - Seed
- Final Thoughts



## Background

### Spring Oilseed Rape (000 hectares)



Source: Department for Environment, Food & Rural Affairs







# Why Reconsider the Crop?

## Features and benefits

- It maintains the break in the rotation
- Stale seed bed opportunities
- Earlier harvest than some other options
- Ease of movement
- Ease of storage



# An Alternative to the predicted Cropping!

Thousand hectares	Provisional Defra June Survey 2019	Provisional EBS Forecast 2020	% Year-On-Year Change	
All wheat	1,815	1,645	-9%	
Winter barley	452	398	-12%	
Spring barley	714	915	28%	200,000 ha 
Oats	182	200	10%	28,000 ha 
Other cereals*	52	60	16%	
OSR	529	406	-23%	123,000 ha 
Other oilseeds**	17	20	16%	
Pulses	178	221	24%	43,000 ha 
Arable fallow	224	261	17%	
Other crops on arable land***	718	755	5%	
<b>TOTAL</b>	<b>4,881</b>	<b>4,881</b>		

\*crops included rye, triticale and mixed grains

\*\*crops included linseed and borage

\*\*\*crops included sugar beet, potatoes, vegetables, maize (33%) and temporary grass (20%)

Source: Defra, The Andersons Centre for the AHDB

## Potential Oversupply

But

## The market wants Oilseed Rape!




# Gross Margin Estimates Harvest 2020

	Spring Wheat (feed)	Spr Barley (Malting)	Spring Oats	Spring Oilseed Rape	Spring Oilseed Rape	Spr Linseed	Large Blue Peas	Spring Beans
				Low	High			
<b>Output</b>								
Value/tonne (£)	140	142	128	335	335	350	225	185
Yield/Ha (t)	6.2	5.7	5.5	2.25	2.50	1.8	3.75	3.9
<b>Gross Income (£)</b>	<b>868.00</b>	<b>809.4</b>	<b>704.00</b>	<b>753.75</b>	<b>837.50</b>	<b>630</b>	<b>843.75</b>	<b>721.50</b>
<b>Less Variable Costs (Nix19)</b>								
Seed (£)	80	63	67	60	80	90	90	90
Fertiliser (£)	144.00	95.00	87.00	84.00	115.00	60.00	40.00	49.00
Sprays (£)	149.00	149	94	149	149	64.00	155.00	128.00
<b>Total Variables</b>	<b>373.00</b>	<b>307.00</b>	<b>248.00</b>	<b>293.00</b>	<b>344.00</b>	<b>214.00</b>	<b>285.00</b>	<b>267.00</b>
<b>Gross Margin/Ha (£)</b>	<b>495.00</b>	<b>502.40</b>	<b>456.00</b>	<b>460.75</b>	<b>493.50</b>	<b>416.00</b>	<b>558.75</b>	<b>454.50</b>
	3	2	3	3	3		1	3



# AHDB Recommended List

## Spring oilseed rape Descriptive List 2020

	Performer	Lagonda	Lumen	Lexus	Builder	Sunder	Mirakel	Average LSD (5%)
	NEW						c	
Gross output, yield adjusted for oil content (% control)								
UK without fungicide (3.2 t/ha)	[113]	[112]	[105]	[103]	101	101	98	8.5
Number of trials	4	6	9	6	11	11	11	
Seed yield (% control)								
UK without fungicide (3.0 t/ha)	[111]	[113]	[105]	[104]	101	100	98	8.6
Seed quality (at 9% moisture)								
Oil content (%)	[46.2]	[44.2]	[44.7]	[44.7]	45.6	45.9	44.4	0.6
Glucosinolate content (µmoles/g)	13.6	11.0	11.0	13.1	14.4	12.9	10.5	-
Agronomic features								
Shortness of stem (1–9)	[6]	6	7	6	6	7	7	0.3
Earliness of flowering (1–9)	[6]	7	7	7	7	7	7	0.7
Earliness of maturity (1–9)	[4]	5	7	5	4	4	7	1.2
Annual gross output, yield adjusted for oil content (% control)								
2014 (3.3 t/ha)	-	-	[109]	-	[94]	[94]	[103]	9.9
2015 #	-	-	-	-	-	-	-	-
2016 (3.0 t/ha)	-	[104]	[101]	[110]	[105]	[103]	[96]	24.1
2017 (3.2 t/ha)	[119]	[127]	[103]	[101]	[102]	[103]	[94]	16.6
2018 (3.2 t/ha)	[[120]]	[[116]]	[[110]]	[[107]]	[[109]]	[[104]]	[[97]]	-
2019 (3.6 t/ha)	[[101]]	[[103]]	[[107]]	[[99]]	[[104]]	[[107]]	[[94]]	-
Breeder/UK contact								
Breeder	BASF	NPZ	NPZ	NPZ	BASF	BASF	NPZ	
Status in DL system								
Year first listed	20	19	18	19	15	17	15	





# Thoughts

## Do's

- Drill into a fine warming seedbed, wait rather than drill cold.
- Avoid Compaction
- Keep Seed rates up Spr. OSR is not W. OSR
  - Hybrid - 80 seeds / m<sup>2</sup>
  - Conventional - 7-8 kg /ha.
  - Tamarin not available this year Ability out classed
- Fertiliser into the seed bed
- Watch for the Pollen Beetle
- **Spring Oilseed ... Please don't forget it!**



# Thank You



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