

Rotations: How do I choose?

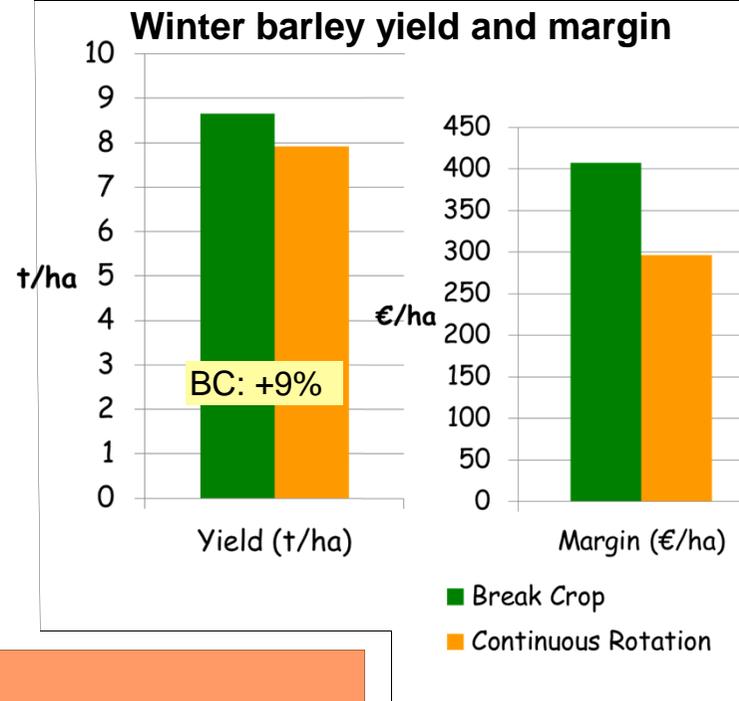
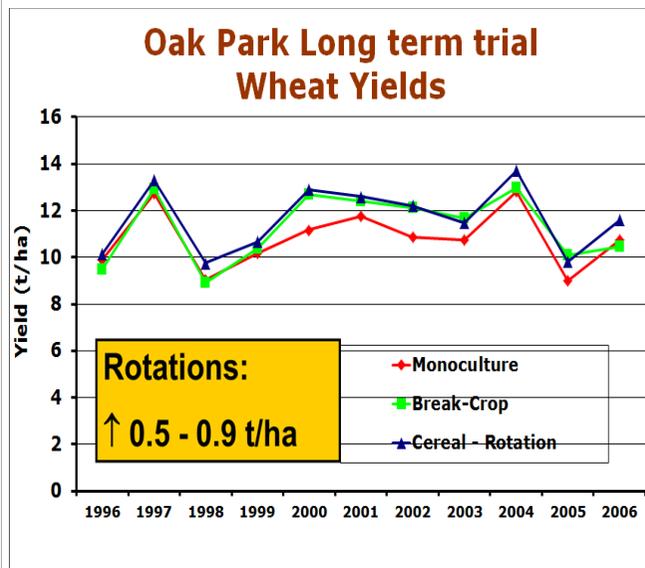
IPM benefits/ Concerns

- Disease (Take all)
- Volunteer weeds
- Disease carry over
- Fertility issues

Importance of a good rotation

- Profitability
- Diversify risks
- Fulfil greening regulations
- Effective use of herbicides on difficult weeds
- Soil structure benefits

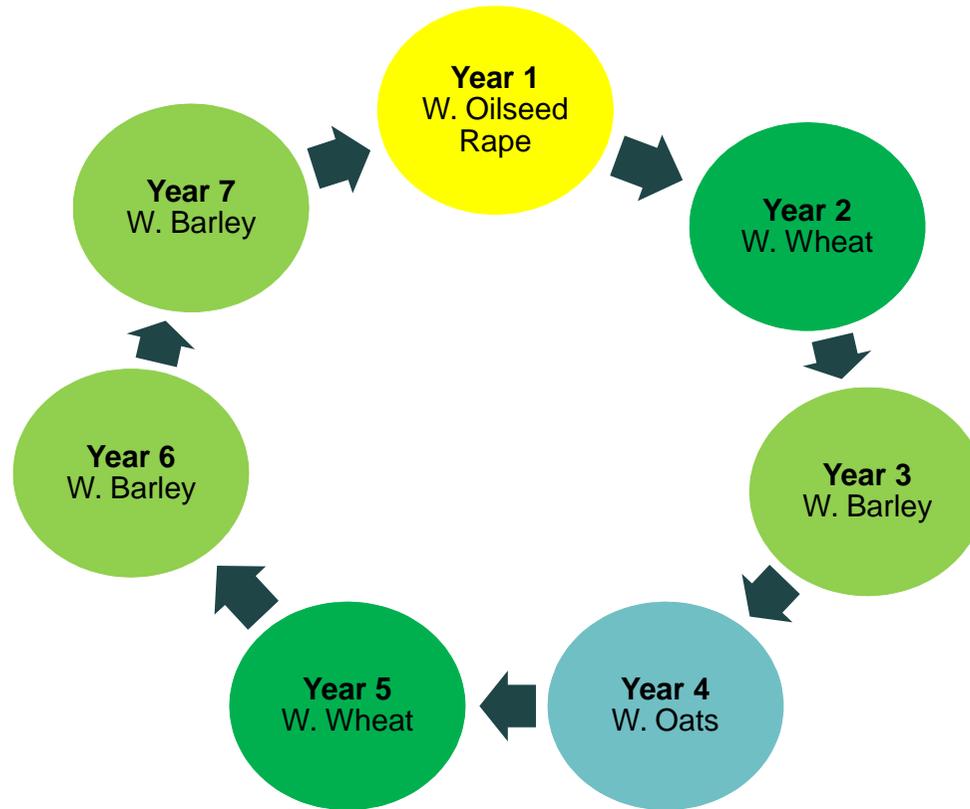
Yields & Margins: Long term Oak Park trials



Key Messages

- Rotations are farm specific
- Assess overall financial margin of rotation

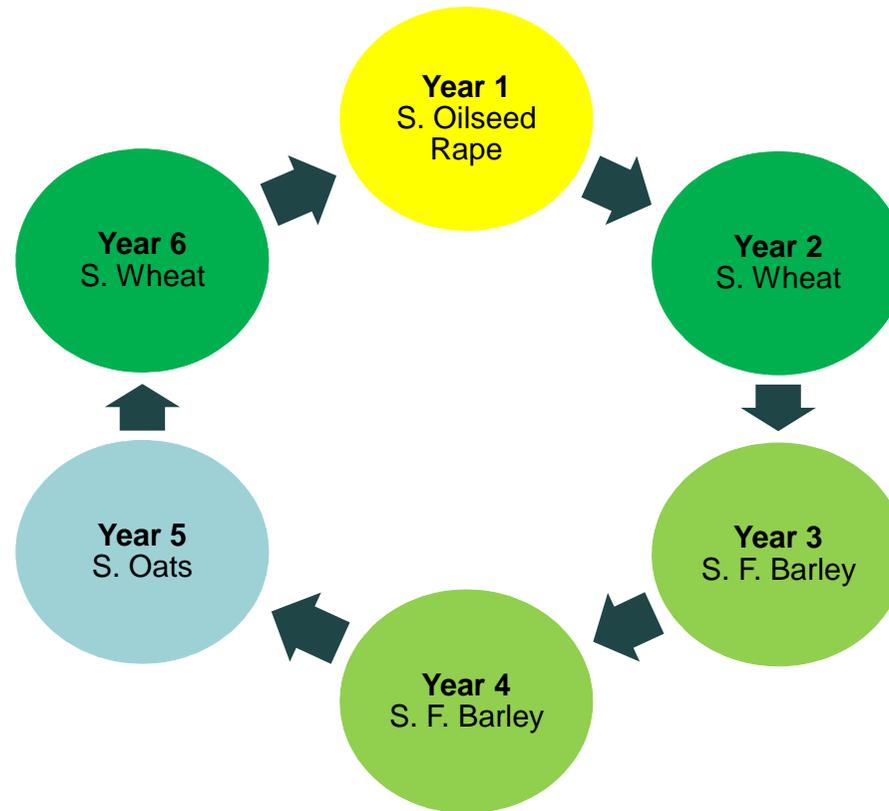
Winter Rotation



	Yield t/ha (t/ac)	% of Area	Margin €/ha	Margin €/ac
Oilseed rape	4.4 (1.8)	14%	531	215
Winter Wheat	10.4 (4.2)	28%	346	140
Winter Barley	9.4 (3.8)	42%	321	130
Winter Oats	9.3 (3.75)	14%	351	142
Average Margin			363	147

Greening Rules	
3 Crop Rule	✓
Main crop < 75%	✓
Two crops < 95%	✓

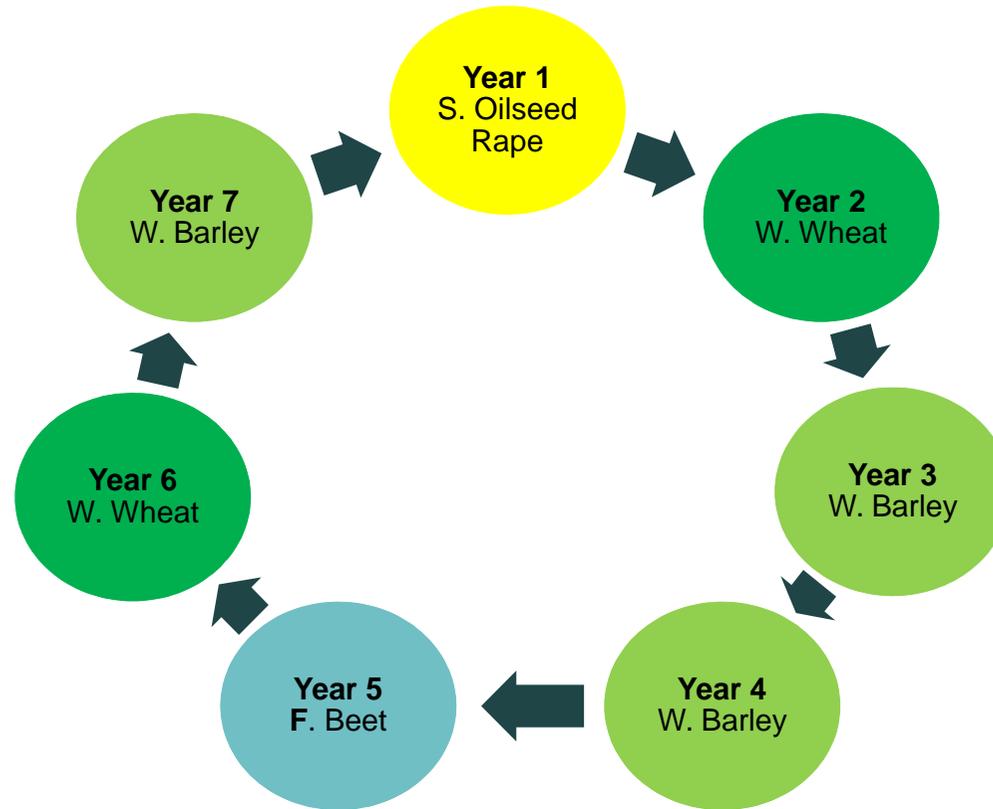
Spring Rotation



	Yield t/ha (t/ac)	% of Area	Margin €/ha	Margin €/ac
Oilseed rape	3.0 (1.2)	17%	255	103
Spring Wheat	7.9 (3.2)	34%	245	99
Spring Feed Barley	7.4 (3.0)	34%	190	77
Spring Oats	9.3 (3.75)	17%	183	74
Average Margin			218	88

Greening Rules	
3 Crop Rule	✓
Main crop < 75%	✓
Two crops < 95%	✓

Winter/Spring Rotation

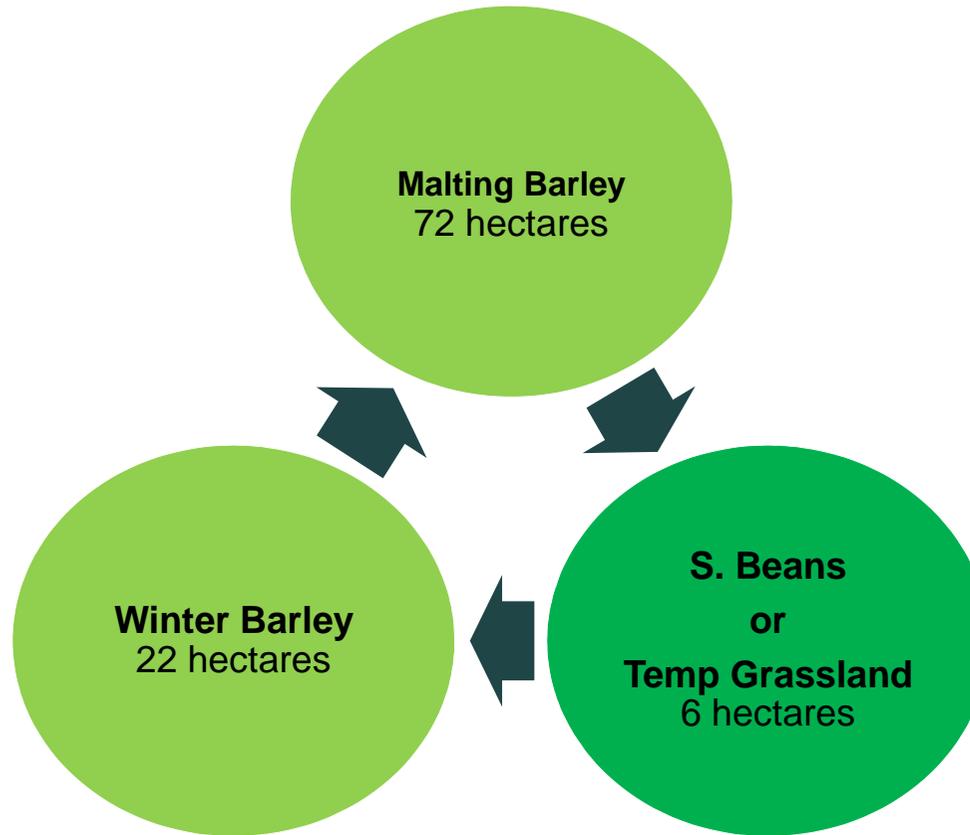


	Yield t/ha (t/ac)	% of Area	Margin/ha	Margin €/ac
Oilseed rape	3.0 (1.2)	14%	255	103
Winter Wheat	10.4 (4.2)	28%	346	140
Winter Barley	9.4 (3.8)	42%	292	130
Fodder Beet	74 (30)	14%	655	265
Average Margin			366	148

Greening Rules	
3 Crop Rule	✓
Main crop < 75%	✓
Two crops < 95%	✓

Malting Barley/Simple Plan

100 hectare farm



	Yield t/ha (t/ac)	% of Area	Margin/ha	Margin €/ac
S. Malt Barley	7.5 (3.0)	72%	324	131
Winter Barley	9.4 (3.8)	22%	321	130
Temp. Grassland	8 X (4x4)	(6%)	(301)	(122)
Spring Beans	4.9 (2.0)	(6%)	(178)	(72)
Average Margin			?	?

Greening Rules	
3 Crop Rule	✓
Main crop < 75%	✓
Two crops < 95%	✓