

Rotations: Scenarios for 2024



Dermot Forristal
Teagasc Oak Park



Shay Phelan
Teagasc Oak Park

National Tillage Conference 2024

Wednesday, 31st January | Lyrath Hotel, Kilkenny

www.teagasc.ie/tillagecon24

Keep your rotation structure in 2024

Winter crops not sown?

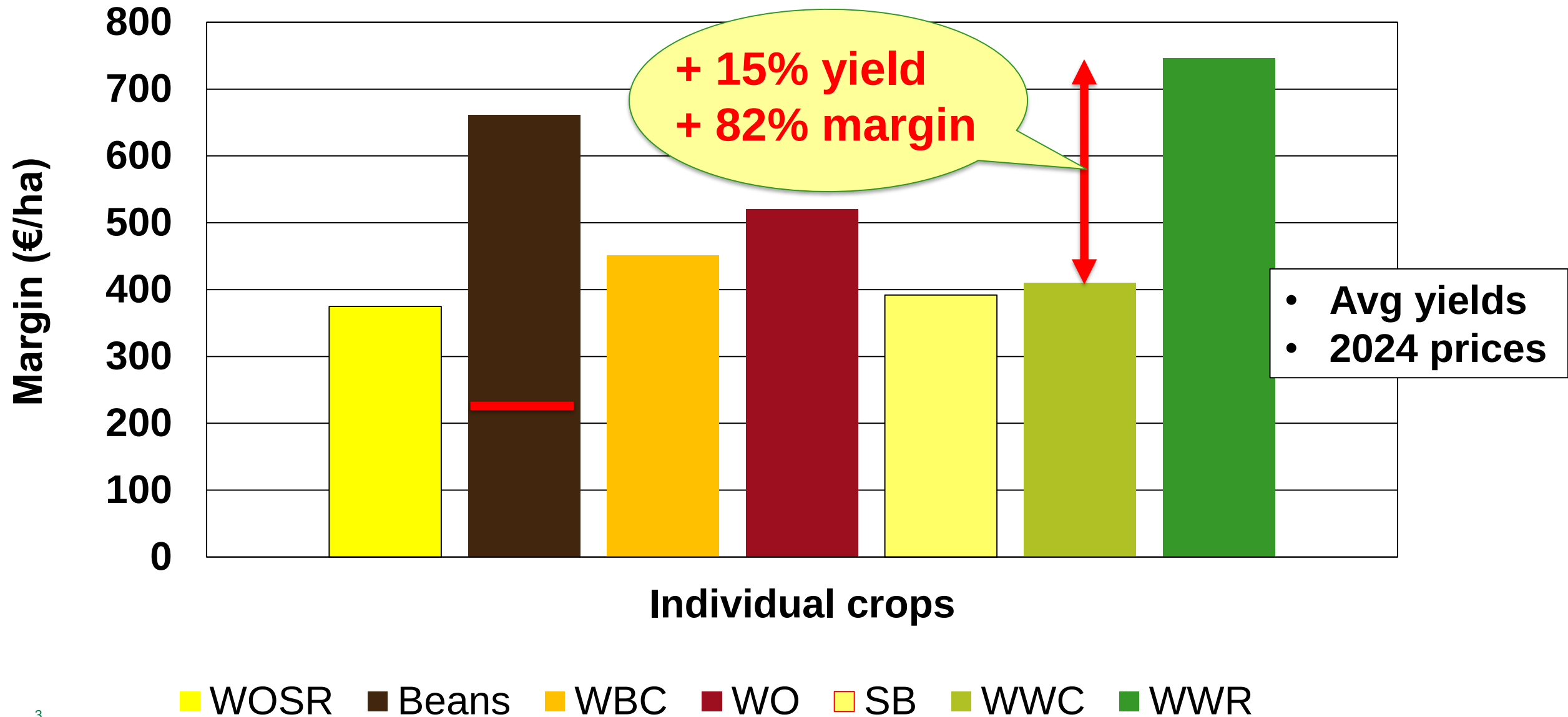
- WW or WB : WW, SW or S. Barley
- Winter oats : Spring oats
- WOSR : Sp. beans / SOSR



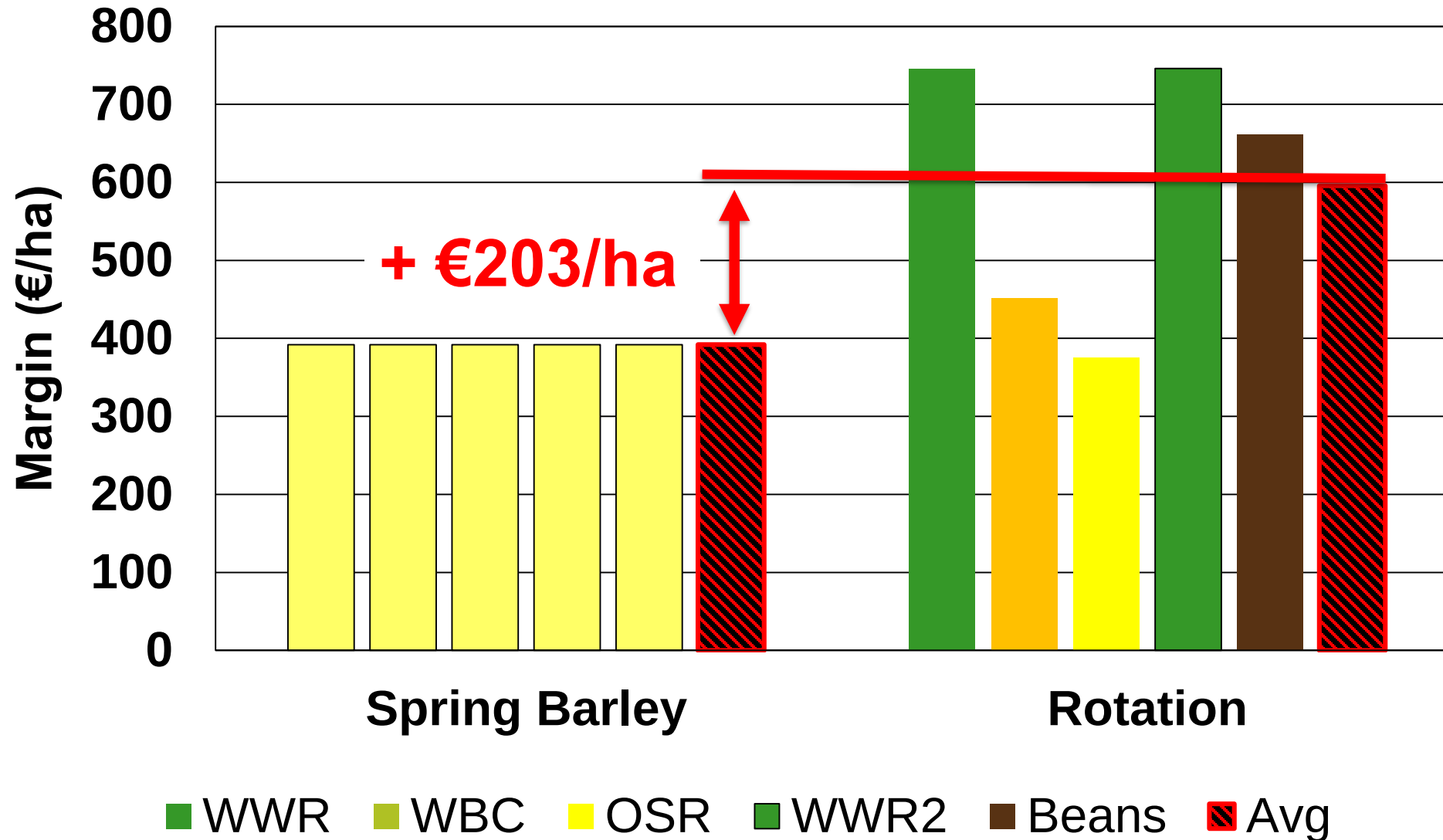
Cost and value the rotation, not single crops:

- **Crop mix benefits:** Yield (disease break: 11-19%); weed control; machinery and labour; nutrient efficiency; more markets

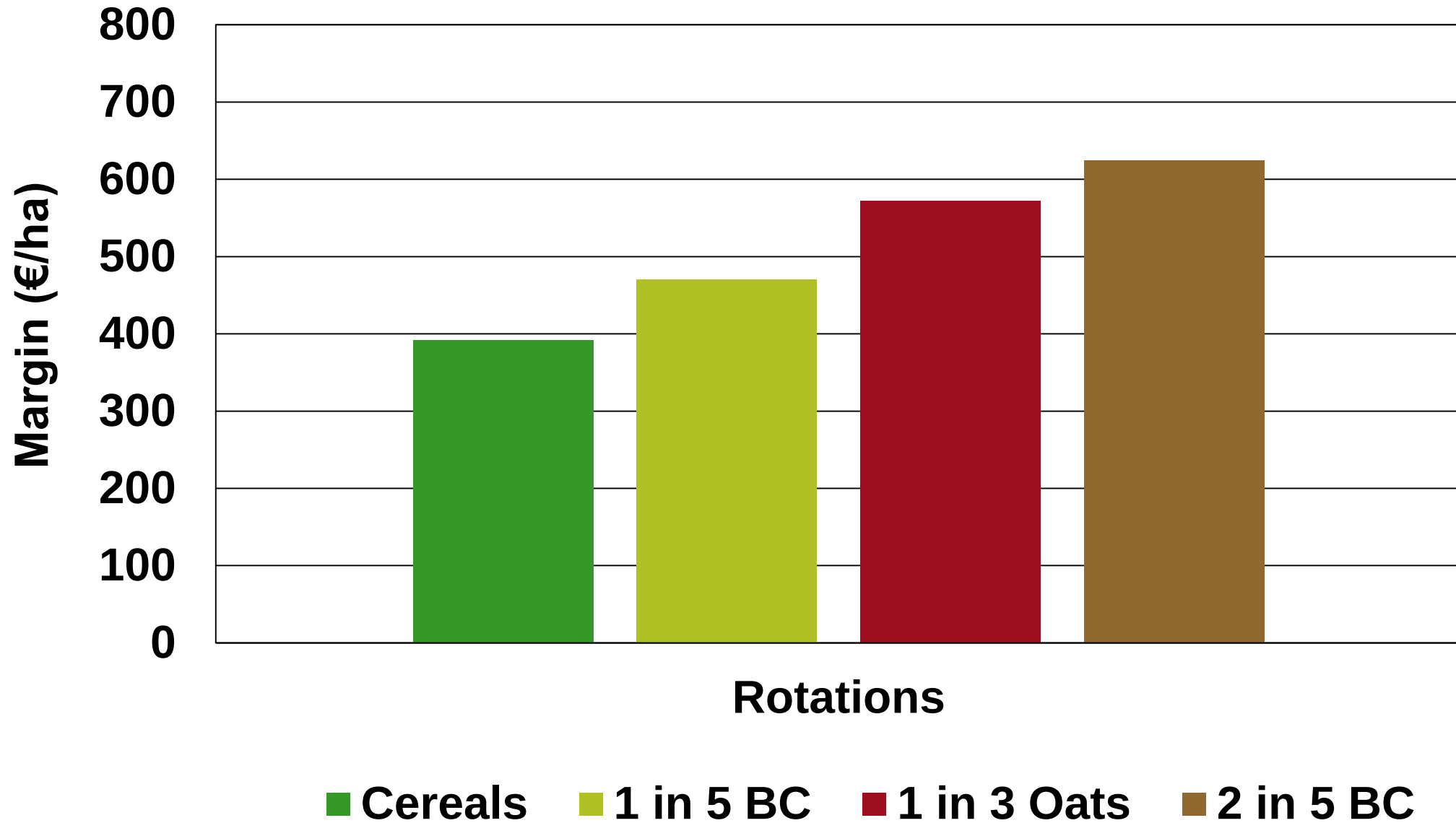
Choose crop mix carefully: Break crops impact



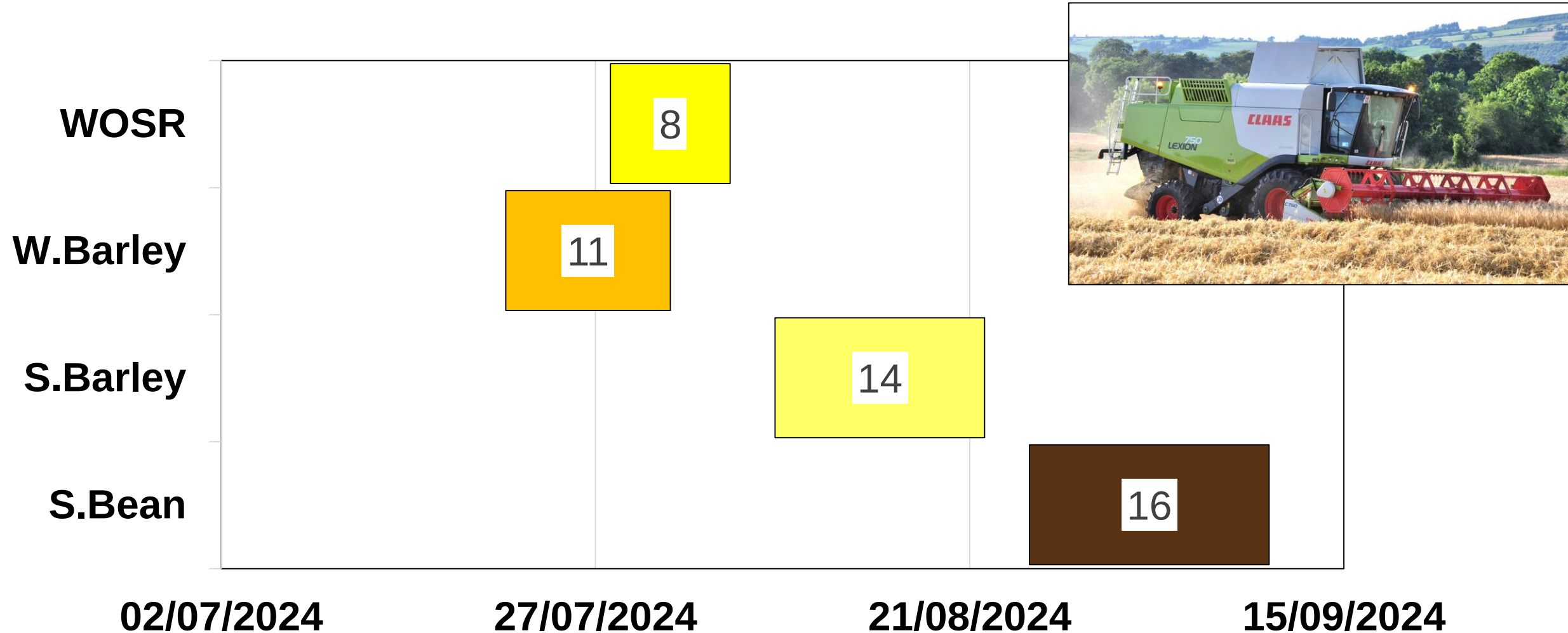
Rotations better than cereals alone



Proportion of breaks impact on profit



Rotation: reduces labour and machinery peaks



Larger harvest window: Lowers cost
Smaller capacity combine or longer machine life!

Rotations Must be Considered

Value rotation benefits carefully

- Short term: yield, profit.
- Long term: + sustainability
(weeds, soil, disease etc.)

For Knockbeg trial, thanks to:
Martin Walsh / Frank Ryan