



## MATCHING FUNGICIDES TO VARIETIES

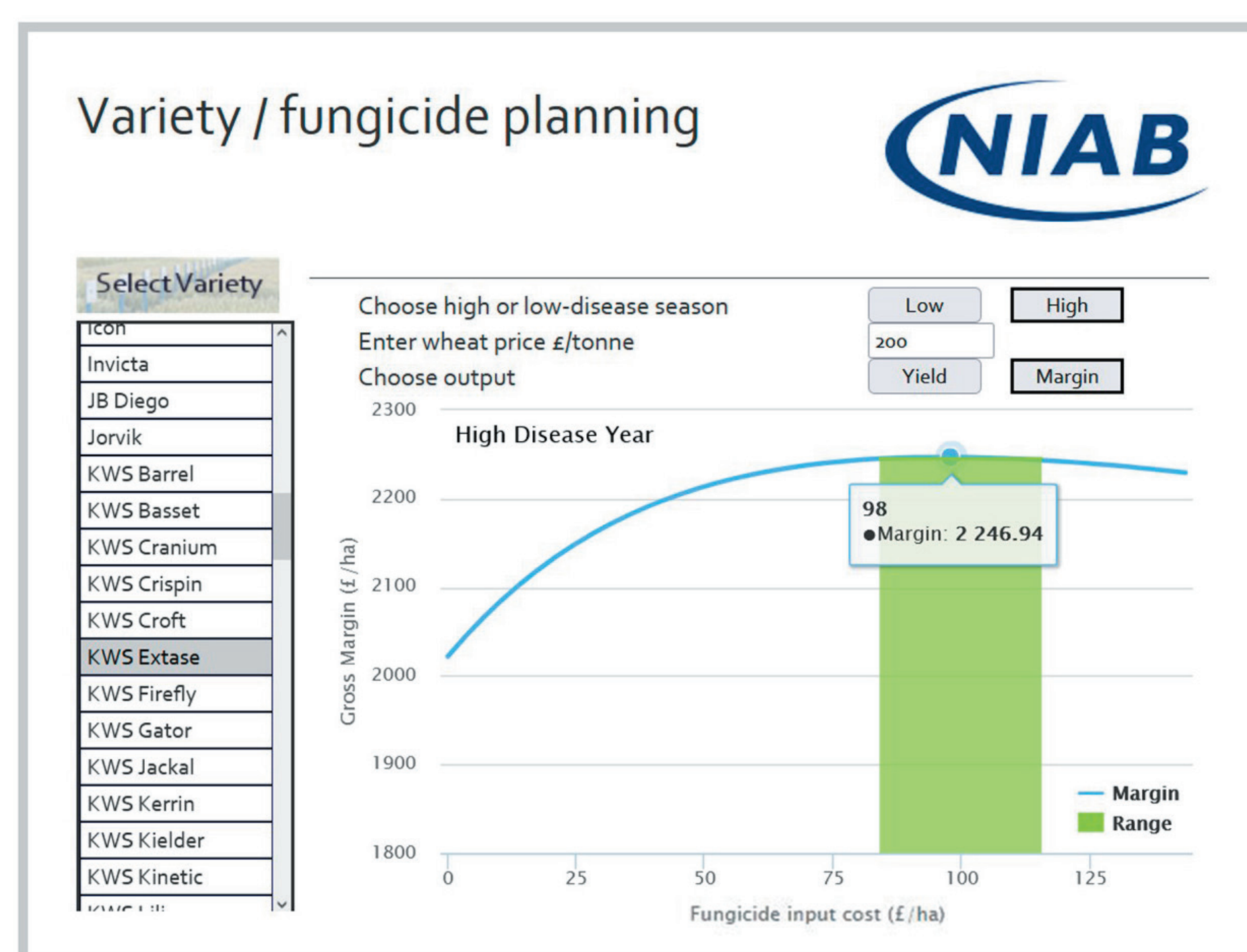
Varieties differ massively in the way they respond to fungicide inputs. Traditionally, very high-yielding crops responded most to fungicide inputs. However, now some high-yielding crops require much less fungicide input than others.

### How much to spend?

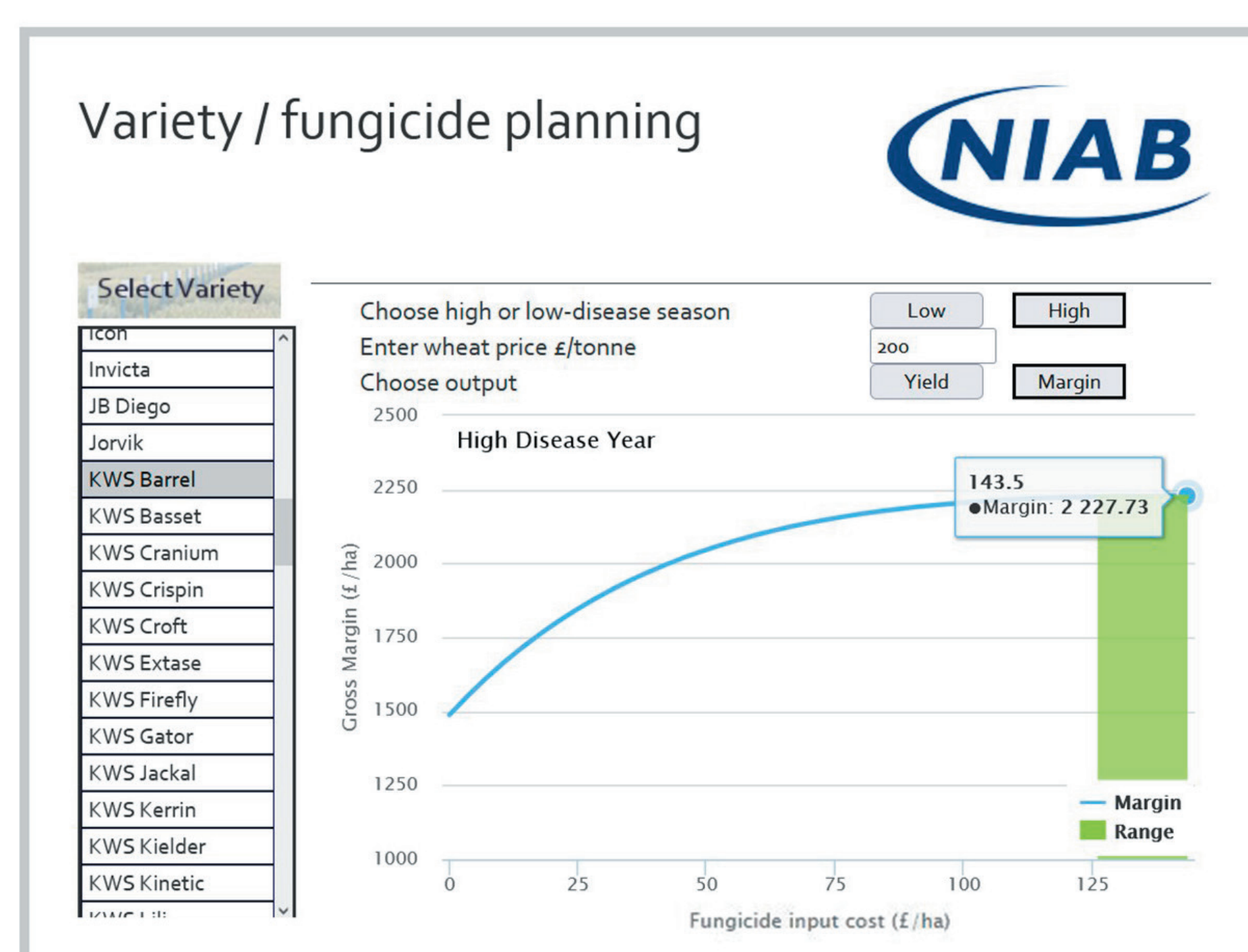
The 'responsiveness' of a variety is a good starting point – on average, how much yield response do you get from a fungicide programme?

The chart shows how varieties respond to fungicide inputs. Those in green are low to medium response varieties and those in pink or orange are high or very high response varieties.

The NIAB Variety Fungicide Planning Tool gives guidance on the fungicide requirement of varieties



*KWS Extase – optimum spend £98.00/ha*



*KWS Barrel – optimum spend £143.50/ha*

Current AHDB Recommended List varieties – a guide to responsiveness (based on UK AHDB Recommended List 2022/23)

Response	Variety	Mean 2021 yield response to fungicide inputs (t/ha)
Very high	KWS Kerrin	3.48
	RGT Wolverine	3.35
	KWS Barrel	3.19
	SY Inisitor	3.13
	Skyfall	3.07
	LG Spotlight	3.03
High	Crusoe	2.97
	KWS Jackal	2.92
	KWS Guium	2.91
	RGT Gravity	2.89
	Elation	2.83
	Gleam	2.82
	KWS Zyatt	2.73
	KWS Cranium	2.68
	LG Skyscraper	2.66
	KWS Brium	2.66
	KWS Firefly	2.58
	Swallow	2.50
	RGT Stokes	2.48
	Elicit	2.31
	Costello	2.30
	RGT Rashid	2.27
	RGT Saki	2.26
	Merit	2.26
	LG Prince	2.15
	RGT Bairstow	2.13
	Champion	2.08
	LG Illuminate	2.07
	KWS Siskin	2.04
Moderate	Graham	1.99
	RGT Illustrious	1.90
	LG Astronomer	1.81
	LG Typhoon	1.76
Low	KWS Dawsum	1.76
	KWS Palladium	1.50
	Theodore	1.26
	Mayflower	1.20
	KWS Extase	1.13

### NIAB TAG Membership

For more detailed help with planning fungicide inputs on varieties NIAB TAG members can access the unique online 'Variety Fungicide Planning' tool on the NIAB TAG membership website. This is just one example of the research information, digital tools and advice delivered alongside NIAB TAG's extensive and exclusive member-funded field trials programme, supplying impartial cost-effective crop production strategies specifically for our members.