



MATCHING FUNGICIDES TO VARIETIES

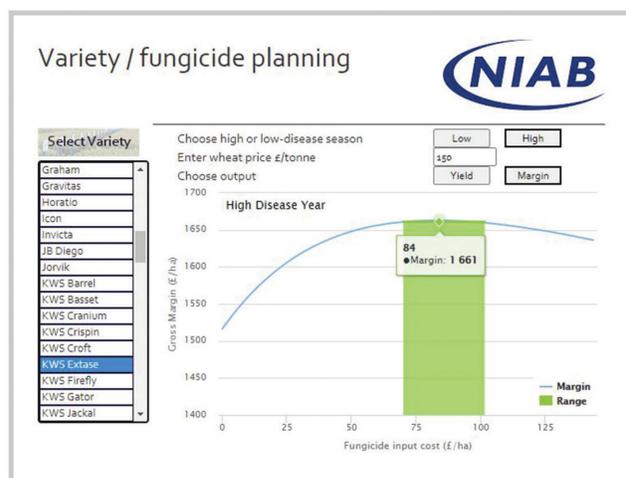
Varieties differ massively in the way they respond to fungicide inputs. Traditionally, very high-yielding crops responded most to fungicide inputs. However, now some high-yielding crops require much less fungicide input than others.

How much to spend?

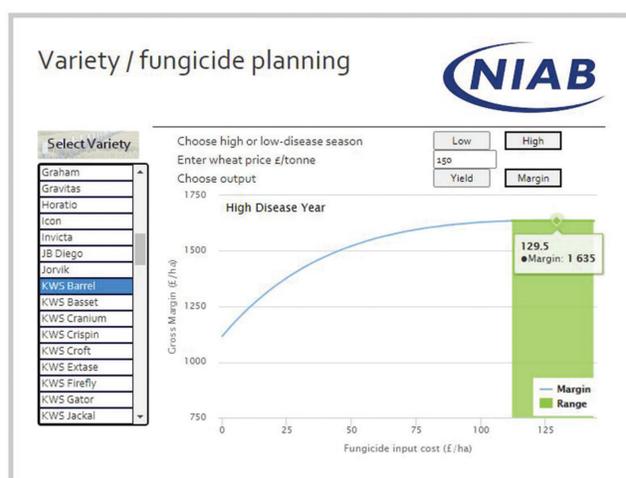
The 'responsiveness' of a variety is a good starting point – on average, how much yield response do you get from a fungicide programme?

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 £84.00/ha



KWS Barrel – optimum spend £129.50/ha

Current AHDB Recommended List varieties – a guide to responsiveness (Based on UK AHDB Recommended List 2021/22)

Response	Variety	Mean 2020 yield response to fungicide inputs (t/ha)
Very high	RGT Wolverine	3.22
	Skyfall	2.92
	KWS Kinetic	2.91
	KWS Kerrin	2.85
	LG Seeker	2.32
	KWS Barrel	2.24
High	Shabras	2.23
	SY Insector	2.21
	KWS Firefly	2.14
	KWS Zyatt	2.10
	LG Spotlight	2.09
	KWS Cranium	2.02
	Gleam	2.00
	RGT Gravity	1.99
	KWS Jackal	1.92
	Elation	1.80
	Swallow	1.69
	LG Skyscraper	1.64
	LG Illuminate	1.38
	Medium	LG Sundance
RGT Illustrious		1.32
LG Detroit		1.29
LG Prince		1.27
RGT Saki		1.20
KWS Siskin		1.20
Merit		1.19
Crusoe		1.17
Costello		1.14
Graham		1.10
Low	LG Astronomer	0.93
	KWS Extase	0.41
	Theodore	0.40

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.