

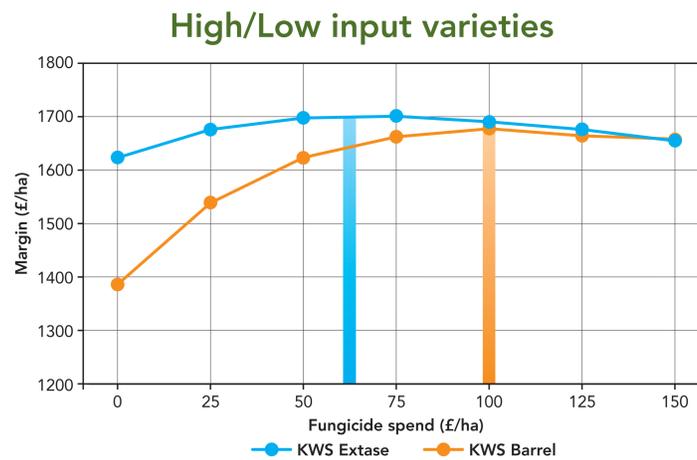
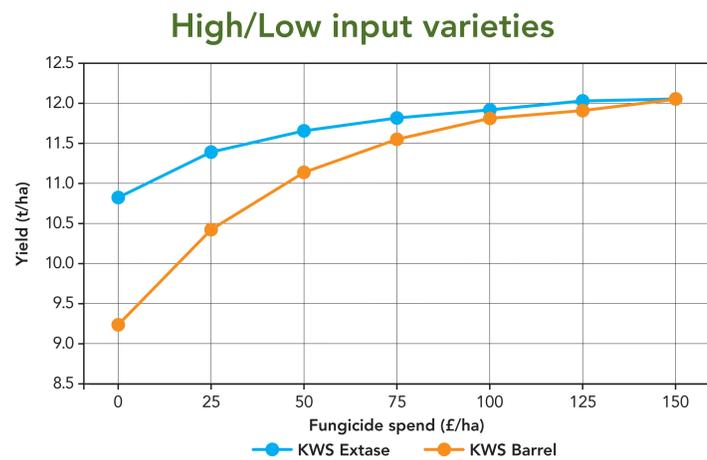


MATCHING FUNGICIDES TO VARIETIES

Major issues for the future:

- Loss of chlorothalonil
- Fungicide resistance in Septoria to triazoles and SHDIs

Varieties with the same fungicide treated yield can have very different fungicide requirements.



There are now many varieties that have relatively low fungicide requirements, including: Dunston, Graham, KWS Extase, KWS Siskin, KWS Zyatt, LG Motown, LG Sundance, Revelation, RGT Illustrious, RGT Saki and Theodore.

All of these varieties still respond to fungicide use, but the fungicide spend on these varieties can be half that of disease-susceptible varieties.

Based on AHDB Recommended List® Winter Wheat 2020/21

AHDB RECOMMENDED	KWS Extase	KWS Siskin	LG Detroit	KWS Lili	KWS Firefly	KWS Barrel	Elicit	KWS Basset	Zulu
	nabim Group 2					nabim Group 3			
Fungicide-treated grain yield (% treated control)	11.26	11.26	11.16	11.10	11.38	11.23	11.16	10.96	10.85
Untreated grain yield (% treated control)	10.62	9.31	8.57	7.93	9.38	8.09	9.03	7.99	7.69
Fungicide response (t/ha)	0.64	1.94	2.59	3.17	2.00	3.15	2.12	2.98	3.16
Disease resistance									
Mildew (1-9)	6	8	5	8	5	7	6	5	7
Yellow rust (1-9)	9	9	9	7	9	9	9	8	5
Brown rust (1-9)	7	5	5	4	6	5	7	5	7
Septoria nodorum (1-9)	-	[6]	-	[6]	-	[6]	[6]	[6]	[6]
Septoria tritici (1-9)	8.1	6.6	5.3	5.9	7.0	4.3	5.5	5.0	5.4
Eyespot (1-9)	[4]	5	[5]	4	[4]	5	4	5	4
Fusarium ear blight (1-9)	6	5	7	6	5	6	6	6	6

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, along with the NIAB TAG Agronomy Strategy Guides, providing detailed fungicide programmes for all varieties. These are just a couple of examples 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. Sign up today with our FREE 90 DAY TRIAL at niab.com

