

The UK's only Orange Wheat Blossom
Midge resistant Group 1 spring wheat



MULIKA

SPRING WHEAT

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2018



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Midge resistant Group 1 spring wheat

- Only Group 1 spring wheat
- Superb grain quality
- Farm proven disease resistance
- Suits autumn or spring sowing
- OWBM resistant



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Parentage: Paragon x (Tybalt x Robigus)
Status: AHDB Recommended List 2018/19

Mulika remains the only AHDB Recommended Group 1 spring wheat variety. It was the first Group 1 wheat with orange blossom midge resistance.

Mulika has gained a considerable loyal following and remains the leading spring wheat on the market.

Mulika combines a high yield potential, with moderate length straw, robust disease resistance and superb grain quality. It performs well in baking tests giving the potential for good market premiums. These attributes ensure that Mulika is the perfect spring crop option to achieve excellent gross margins.

Yield

Flexible wheat Mulika performs well from both autumn and spring sowings and has proven itself on farm over several years.

Autumn sown		Spring sown	
UK treated yield (% C, 10.0 t/ha)		UK treated yield (% C, 7.7 t/ha)	
Mulika (Group 1)	96	Mulika (Group 1)	95
KWS Chilham (Group 2)	102	KWS Chilham (Group 2)	103
Crusoe (Group 1)	99	KWS Willow (Group 2)	102

AHDB RL 2018/19. Full database at <https://cereals.ahdb.org.uk>

Quality

Mulika has excellent Group 1 grain quality characteristics, with a very high Hagberg and specific weight and an excellent protein content, giving the potential for excellent market premiums.

Autumn sown	Hagberg	Specific weight (kg/hl)	Protein (%)
Mulika	325	78.3	13.0
KWS Chilham	336	79.9	12.2
Skyfall	300	77.6	12.0
Crusoe	286	77.7	12.5

Spring sown	Hagberg	Specific weight (kg/hl)	Protein (%)
Mulika	298	78.5	13.0
KWS Chilham	294	79.6	12.5
KWS Willow	275	79.4	12.3

AHDB RL 2018/19. Full database at <https://cereals.ahdb.org.uk>

Agronomics

Straw strength and ripening

Mulika is similar in height to KWS Willow. It has moderately stiff straw but there is insufficient AHDB data on lodging available to give a rating. Mulika is early to ripen and has always shown good resistance to sprouting.

Disease resistance

Mulika shows good resistance to most diseases, particularly mildew and yellow rust and remains the only Group 1 spring wheat with the benefit of resistance to orange wheat blossom midge.

	Mildew	Yellow rust	Brown rust	Septoria tritici	Fusarium	OWBM
Mulika	[7]	7	4	6	[6]	R
KWS Chilham	[7]	7	4	7	–	R
KWS Willow	[6]	6	7	6	[6]	–

AHDB RL 2018/19. Full database at <https://cereals.ahdb.org.uk>. [] indicates limited data.

Agronomy Tips

Mulika can be successfully grown from November to April. On seed rate we can only give general guidance as this depends on drilling date, soil type, seed bed quality, geographic location etc. In general, aim for around 600 ears per m². For late autumn sowings seed rates should be around 300 to 325 seeds/m². For spring sowings the seed rate should be 350 to 400 seeds/m². If the drilling date gets later and moves into April then a rate toward the higher end of this or possibly slightly over may be wise.

Little lodging has been seen in trials over recent years and so no data is available from AHDB on lodging. Although Mulika stands well it is advisable to apply a PGR programme, especially on late autumn sowings and growers should consult their agronomist.