

Malting (in test) and Feed

Sejet, UK Agent : Senva

Parentage: : (KWS Irina x Evergree) x (Sanette x Paustian)

Cosmopolitan

Variety	Cosmopolitan
Breeder (Agent - if different)	SEJ (SENOVA)
AHDB Regional Recommendation () = Agrii	UK

Specific End Use Classification

Specific End Use Classification	Brewing
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Yield & Grain Quality - AHDB 2020 RL

UK Fungicide Treated Yield (% ctrls)	105
East Region Fungicide Treated Yield	105
West Region Fungicide Treated Yield	105
North Region Fungicide Treated Yield	106
Untreated Yield (% treated ctrls)	97
Specific Weight (kg/hl)	66.2
Screenings % through 2.25mm	1.6
Screenings % through 2.5mm	3.6

Yield & Grain Quality - Agrii 3 Year or (2 year)

National Fungicide Treated Yield	103
National Specific Weight (kg/hl)	65
England Fungicide Treated Yield	104
England Specific Weight (kg/hl)	64
Scotland Fungicide Treated Yield	(98)
Scotland Specific Weight (kg/hl)	(66)

Disease - AHDB 2020 RL, Red = Agrii data

Mildew Resistance (1-9)	9	-
Brown Rust Resistance (1-9)	4	4
<i>Rhynchosporium</i> Resistance (1-9)	[6]	No data
Net Blotch Resistance		MS

Agronomy - AHDB 2020 RL, Red = Agrii data

Lodging Resistance - Untreated (1-9)	7	-
Lodging Resistance - Treated (1-9)	-	(7)
Brackling Resistance (1-9)	7	(6)
Straw Height - No PGR (cm)	70	-
Maturity (rf Concerto; Early, Medium, Late)	0	M/E

Full AHDB dataset available at www.cereals.ahdb.org.uk/varieties**Variety Positioning**

- Cosmopolitan is a high yielding malting barley which has provisional MBC approval for brewing and remains under test with the maltsters. Likely to be sown as a feed variety this spring until it gains the support of the end users.
- Consistent performance in all UK regions (105% East, 105% West and 106% North) with high untreated yields (97%), average grain quality (66.2 kg/hl) and low screening losses in AHDB trials.
- Short straw (70 cm) with good lodging resistance (7), average brackling resistance (6) and medium-early maturity. Early indications suggest that it produces intermediate straw yields.
- Excellent disease resistance, particularly to the important diseases *Rhynchosporium* (6) and mildew (9) but weaker than some other varieties against brown rust (4). Moderately susceptible to net blotch in Agrii's trials.

Data source: www.cereals.ahdb.org.uk/
And Agrii's National Trials Network