



# InVigor<sup>®</sup> Harper

You'll be glad you planted it.

## Early and vigorous hybrid with an outstanding agronomic package

- Highly consistent yield and oil outputs
- Early maturing
- Good combination of *Phoma*, LLS and lodging resistance

### Variety description

Harper is a winter oilseed rape hybrid

#### Yield components

Gross output	101%	High
Seed yield	102%	High
Oil %	45.3%	High
Glucosinolate content	10.0µmol	Low

#### Agronomy

Regional suitability	National
Soil types	No differences known
Sowing date	Early Aug – early Sept
Sowing method	No differences known
Harvest method	Desiccation or swathing

#### Variety characteristics

Autumn vigour	low	●●●●●	high
Winter hardiness	low	●●●●●	high
Flowering	late	●●●●●	early
Maturity	late	●●●●●	early
Plant height	tall	●●●●●	short
Lodging resistance	low	●●●●●	high

#### Disease resistance

<i>Phoma</i> stem canker	low	●●●●●	high
Light leaf spot	low	●●●●●	high
Response to fungicides	low	●●●●●	high



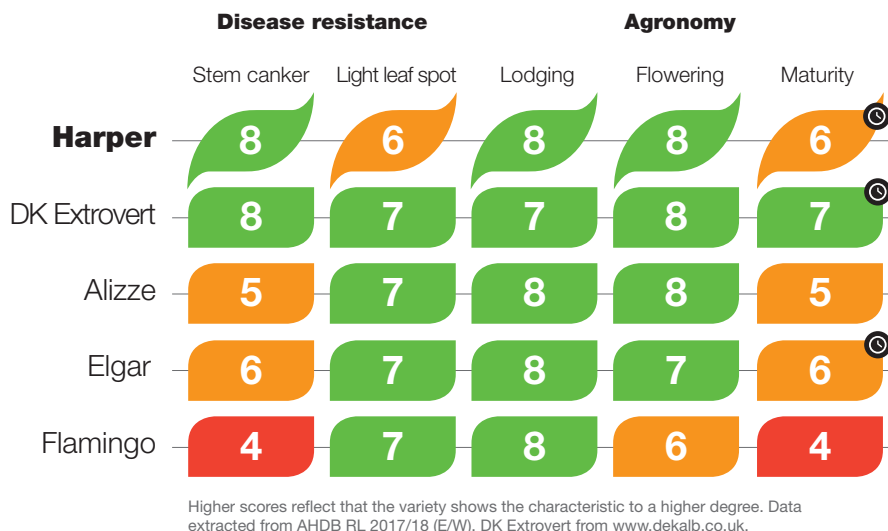
RL E&W listing 2017/18

# Ease of management

**Harper has a good combination of *Phoma*, LLS and lodging resistance plus high oil content. It is one of the earliest maturing hybrids on the 2017/18 RL E/W and offers growers highly consistent yield performance as well as good autumn and spring vigour.**

Harper's disease resistance package makes it suitable for all UK regions. Its class-leading *Phoma* stem canker resistance is based on a combination of single and multi-gene resistance. Fungicide product choice, doses and timings can therefore be targeted to control Light leaf spot and such treatments will act as a back up to Harper's genetic resistance for *Phoma* control. Usually a single autumn application will suffice, provided the *Phoma* leaf spot level stays below threshold.

■ Low: 1-4 ■ Medium: 5-6 ■ High 7-9 ● Early maturity

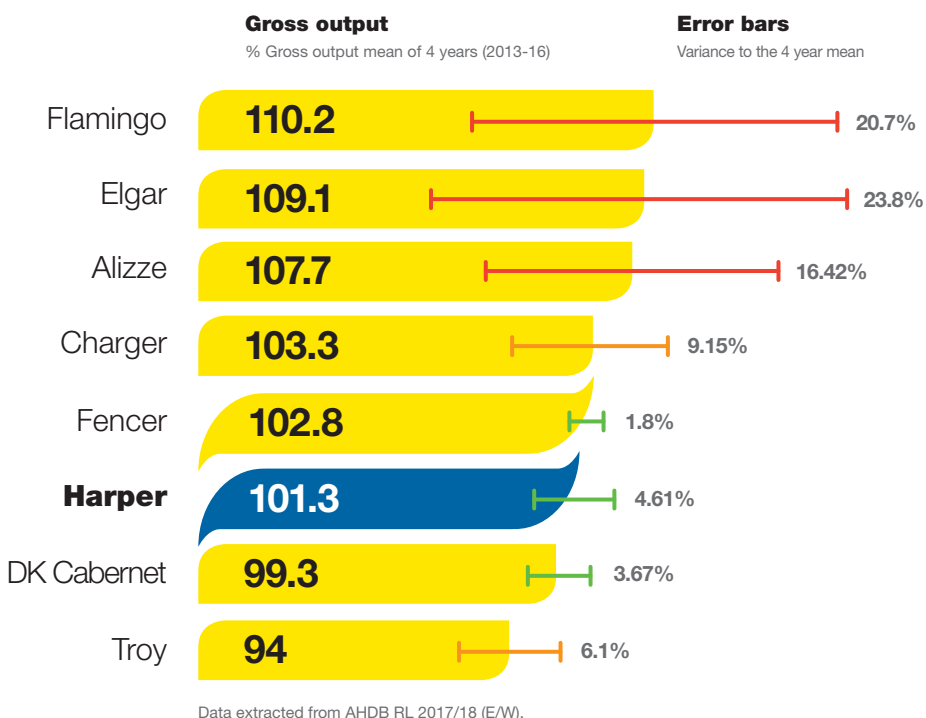


# Performance and income

**Harper is valued by growers for delivering consistent on-farm performance year after year.**

Whilst it no longer tops the RL in gross output terms, Harper has demonstrated highly consistent gross output performance in RL trials across the past 4, very different years driven by its strong agronomic package and can therefore be described as a low-risk option. Whilst some of the newer, high yielding varieties have great yield potential, analysis of yield performance from year to year shows huge variation, making them a high risk option for growers.

— Consistent top performers = low risk  
 — Agronomically strong but variable yield = potential risk  
 — Highly variable and agronomic weaknesses = high risk



**Harper seed is supplied in 1.5m viable seed packs, treated with:**



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