



COLUMBIA



Mid late

Broomrape

SAFETY+

SAFETY AND PERFORMANCE

- **EXCELLENT YIELD POTENTIAL**

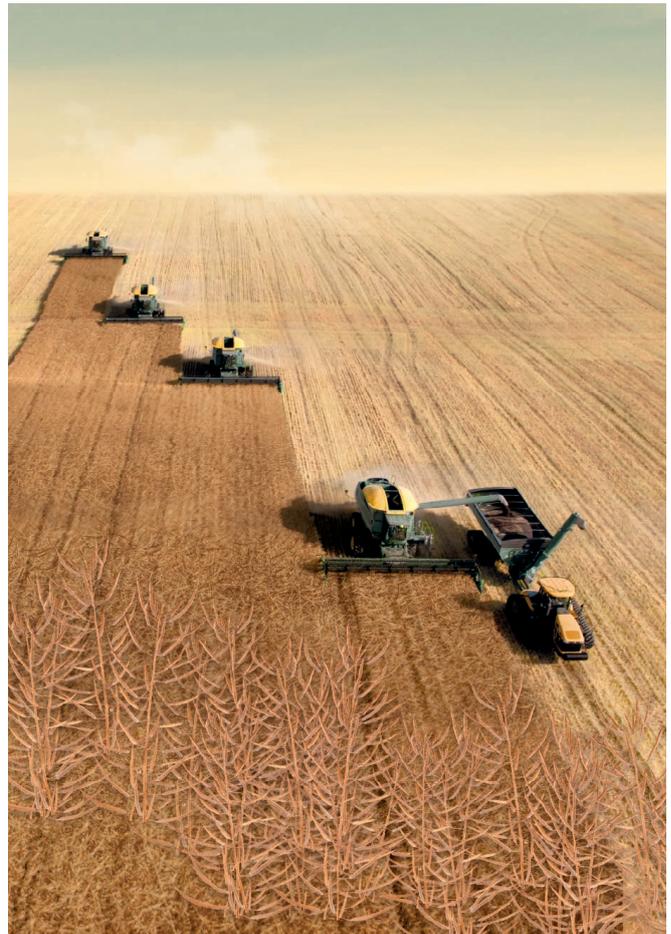
Above market references

- **STRONG DEVELOPMENT BEFORE WINTER**

Securing yield potential

- **A SAFE AGRONOMIC PROFILE**

Early vigor, disease tolerance



Characteristics

Type **OGU**

Flowering **Mid late**

Growth after winter **Mid late**

Oil content **42 - 44 %**

Protein content **36 - 38 %**

GLS content **16 - 18 µmoles/g**

Agronomy

Early vigor

8

Stem elongation

7

Pod shattering

9

Standability

9

1-3 sensitive - poor | 4-6 medium - good | 7-9 tolerant - excellent

Disease tolerance

Phoma



Sclerotinia (stem)



Leaf lighting spot



Dry stem



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Growing recommendations

COLUMBIA is the ideotype of SAFETY+ hybrid : Among best early vigor in the market with strong biomass production before winter COLUMBIA has best characteristics to mitigate impact of insects.

	Optimal conditions	Limited conditions
Adaptation	4 on 4	4 on 4
Density at harvest	25 - 30 Plants/m ²	35 - 40 Plants/m ²



The results and recommendations given in this document are the values based on MAS Seeds R&D network and are intended for general guidance. We cannot assume any liability for the future achievement of these values, as the individual results and the performance may vary in different local growing, soil and weather conditions.