

MID LATE

COLUMBIA

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

Growth after winter	Mid late
Flowering	Mid late
Maturity	Mid late

AGRONOMY

Early vigor	8
Stem elongation	7
Pod shattering	9
Standability	9

DISEASE TOLERANCE

Sclerotinia (stem)	8
Leaf lighting spot	6
Dry stem	8
Phoma	7
Phomopsis	8
Broomrape	8

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

MORPHOLOGY

Plant height	High
TKW	Medium

YIELD & QUALITY

Oil content	42 - 44 %
Protein content	36 - 38 %
GLS Content	16 - 18 µmoles/g

CULTIVATION

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

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.