

Canola

46S53^{*^}

(RR)

Maturity:6

Maximizing Local Performance¹

New hybrid with Pioneer Protector Sclerotinia resistance. Improved level of sclerotinia resistance and standability over 45S51. Strong disease package: R for Blackleg and Fusarium Wilt.

The Pioneer Protector logo helps you quickly and easily identify which Pioneer brand canola products carry each disease protection trait.

46S53 is available exclusively from your local Pioneer Hi-Bred sales rep.

Management Comments¹

- 46S53 does not necessarily eliminate the need for a fungicide application. Trials have shown that 46S53 demonstrated significant reductions in sclerotinia development (over 50% reduction in the incidence of sclerotinia).
- Very good standability
- 2-3 days later than 45S51

Positioning
For:

**Western
Canada**

Observed Suitability and Field-By-Field Positioning¹

HS = Highly Suitable.....S = Suitable.....X = Poor Suitability.....Blank = Insufficient or Inconsistent Observations

S	Early Planting		HS	No-Till		HS	Black Soils			Brown Soils
	Stress Prone Soils		HS	High Management		HS	High Yield Environment			Late Harvest/Anti-shattering
	Direct Cutting			High Oil Contracts		S	Irrigation			

Trait Scores of Products Available in this Genetics¹

PRODUCT	HERBICIDE TOLERANT TRAIT	NEW	MATURITY	BLACKLEG	BLACKLEG	SCLEROTINIA RESISTANCE	CLUBROOT RESISTANCE	CLUBROOT RESISTANCE	FUSARIUM WILT	EARLY GROWTH	GREEN SEED CONTENT	STANDABILITY	PLANT HEIGHT	OIL CONTENT
46S53 ^{*^}	RR	NEW	6	R	8	6			R	7	8	8	8	9

Ratings: 9 = excellent; 1 = poor. Maturity: 9 = late; 1 = very early. Height: 9 = tall; 1 = short. Green Seed: 9 = very low count; 1 = very high count. Blank = Insufficient Data

* NEW

GRAIN EXPORT APPROVAL PENDING: Regulatory approval of grain harvested from this variety is pending in some export markets and may not be received before harvest. The grower must be prepared to sell the grain into domestic and non-restricted export markets only.

[1]IMPORTANT: Information and ratings are based on comparisons with other Pioneer brand products, not competitive products. Positioning information is based upon historical observations and analysis of traits by Pioneer Agronomists and Research Managers. Trait scores are assigned by Pioneer Research Managers. Scores are based on period-of-years testing through 2010 harvest and were the latest available at time of printing. Some scores may change after 2011 harvest. Scores represent an average of performance data across areas of adaptation, multiple growing conditions, and a wide range of both climate and soil types, and may not predict future results. Products within a family receive the same score unless observations indicate a significant difference. Individual product responses are variable and subject to a variety of environmental, disease and pest pressures. Please use this information as only one component of your product positioning decision. Refer to www.pioneer.com/products or contact a Pioneer sales professional for the latest and most complete listing of traits and scores for each Pioneer brand product.



HERBICIDE TOLERANT TRAIT: Hybrids with the Roundup Ready® gene ("RR") are tolerant to labelled rates of Roundup® branded herbicides. This technology allows for post-emergent applications of Roundup without crop injury or stress (see herbicide label). Labelled Roundup herbicide should only be used over the top of those hybrids and varieties that carry the Roundup Ready designation. Hybrids with the CLEARFIELD® trait ("CL") (formerly called IMI) are tolerant to labelled rates of Tensile[®] or Odyssey[®] herbicides. This technology allows for post-emergent applications of those herbicides without crop injury or stress (see herbicide label). Labelled herbicides should only be used over the top of those hybrids and varieties that contain the CLEARFIELD trait.

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® CLEARFIELD is a registered trademark of BASF.



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