

Canola:

46S53*[^] (RR)

Maximizing Local Performance

New hybrid under the Pioneer Protector sclerotinia trait. Along with its sclerotinia tolerance(MR rating), this hybrid provides outstanding standability, plant height, blackleg resistance and oil content. Thereby providing performance advantage across various field conditions.

Management Comments

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

Key Environments

High Yield Environments Insufficient Data

Irrigation Insufficient Data

Suitability

High Residue Insufficient Data

Late Harvest/Anti-shattering Insufficient Data

Direct Cutting Insufficient Data

Soils

Early Planting Insufficient Data

Stress-Prone Soils Insufficient Data

Traits Scores for 46S53*[^] (RR)

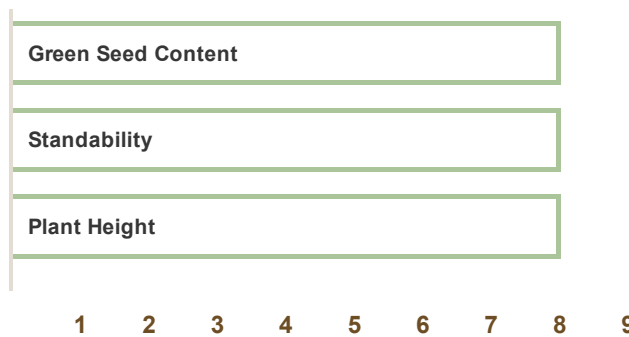
Characteristics Scores

Maturity	6
Green Seed Content	8
Standability	8
Plant Height	8
Clubroot	

Diseases Scores

Blackleg	8
Fusarium Wilt	R
Blackleg	R
Sclerotinia	6

Featured Traits



9 = Outstanding 1 = Poor Blank = Insufficient Data

11KB Updated as of 09/2011

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GRAIN EXPORT APPROVAL PENDING: Regulatory approval of grain harvested from this product 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.

* NEW

[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 and varieties with the Roundup Ready® gene (RR) are tolerant to labeled rates of Roundup® branded herbicides. This technology allows for post-emergent applications of Roundup without crop injury or stress (see herbicide label). Labeled Roundup herbicide should only be used over the top of those hybrids and varieties that carry the Roundup Ready designation. Hybrids and varieties with the CLEARFIELD® trait (CL) are tolerant to labeled rates of Beyond®, Odyssey® or Absolute® herbicides. This technology allows for post-emergent applications of these herbicides without crop injury or stress (see herbicide label). Labeled herbicides should only be used over the top of those hybrids and varieties that contain the CLEARFIELD trait. ® Roundup Ready and Roundup are registered trademarks used under license from Monsanto Company. ® CLEARFIELD is a registered trademark of BASF.
