

**Relative Maturity:31**

Positioning For:



**SUITABILITY RATINGS**

**KEY ENVIRONMENTS**

|                               |                 |
|-------------------------------|-----------------|
| High Yield Environment        | Highly Suitable |
| Irrigation                    | Suitable        |
| White Mold-Prone Environments | Suitable        |

**SUITABILITY**

|                         |                 |
|-------------------------|-----------------|
| Delayed or Late Harvest | Suitable        |
| High Residue            | Highly Suitable |
| No-Till/Reduced Till    | Suitable        |
| SCN-Prone Environments  | Highly Suitable |
| SDS Prone Environments  | Highly Suitable |

**SOILS**

|                               |                 |
|-------------------------------|-----------------|
| Cold Soils or No-Till         | Suitable        |
| Drought-Prone Soils           | Suitable        |
| Moderate to Heavy SCN Soils   | Highly Suitable |
| Poorly Drained Soils          | Highly Suitable |
| Soils Prone to Iron Chlorosis | Suitable        |

**MANAGEMENT COMMENTS**

- Pioneer® brand P31A22X is an early Group 3 variety that brings excellent yield potential with soybean cyst nematode resistance.
- Contains Roundup Ready 2 Xtend technology to give growers flexibility in herbicide options.
- Strengths include tolerance to sudden death syndrome and phytophthora field tolerance.
- May lodge in fields with high fertility.

**CHARACTERISTIC SCORES**

|                           |         |
|---------------------------|---------|
| Harvest Standability      | 6       |
| Field Emergence           | 7       |
| Phytoph. Field Tol.       | 6       |
| Iron Def. Chlorosis       | 4       |
| Plant Height for Maturity | 5       |
| Canopy Width              | 4**     |
| SCN Resistance Source     | PI88788 |
| Shattering                | 7**     |

**DISEASE & PEST PROTECTION TRAITS**

|                       |   |
|-----------------------|---|
| White Mold            | 4 |
| Sudden Death Syndrome | 8 |
| SCN Race 3            | 9 |
| SCN Race 14           | 8 |
| Charcoal Rot          | 5 |
| Brown Stem Rot        |   |
| Aphid Antibiosis      |   |
| SCN Race 1            |   |
| Phytoph. Field Tol.   |   |
| Sudden Death Syndrome |   |
| SCN Race 3            |   |
| SCN Race 14           |   |

TRAIT SCORE RATINGS: 9 = Excellent; 1 = Poor. Canopy Width: 9 = Extremely Bushy; 1 = Very Narrow. Plant Height: 9 = Tall; 1 = Short. Blank = Insufficient Data. \*\* Ratings denoted with a double asterisk (\*\*) reflect preliminary data subject to change when additional data becomes available.

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IMPORTANT: Trait rating scores provide key information useful in selection and management of Pioneer® brand products in your area. Information and ratings are based on comparisons with other Pioneer brand products, not competitive products. Information and scores are assigned by DuPont Pioneer Research Managers. Scores are based on period-of-years testing through 2015 harvest and were the latest available at time of printing. Some scores may change after 2015 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. All products within a hybrid 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](http://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 and for product placement and management suggestions specific to your operation and local conditions.



DO NOT APPLY DICAMBA HERBICIDE IN-CROP TO SOYBEANS WITH Roundup Ready 2 Xtend® technology unless you use a dicamba herbicide product that is specifically labeled for that use in the location where you intend to make the application. IT IS A VIOLATION OF FEDERAL AND STATE LAW TO MAKE AN IN-CROP APPLICATION OF ANY DICAMBA HERBICIDE PRODUCT ON SOYBEANS WITH Roundup Ready 2 Xtend® technology, OR ANY OTHER PESTICIDE APPLICATION, UNLESS THE PRODUCT LABELING SPECIFICALLY AUTHORIZES THE USE. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with soybeans with Roundup Ready 2 Xtend® technology. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Soybeans with Roundup Ready 2 Xtend® technology contain genes that confer tolerance to glyphosate and dicamba. Glyphosate herbicides will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Roundup Ready 2 Xtend® is a trademark of Monsanto Technology LLC used under license. Always follow stewardship practices in accordance with the Product Use Guide (PUG) or other product-specific stewardship requirements including grain marketing and pesticide label directions. Varieties with BOLT® technology provide excellent plant-back flexibility for soybeans following application of SU (sulfonylurea) herbicides such as DuPont(TM) LeadOff® or DuPont(TM) Basis® Blend as a component of a burndown program or for double-crop soybeans following SU herbicides such as DuPont(TM) Finesse® applied to wheat the previous fall. Always follow grain marketing, stewardship practices and pesticide label directions. Varieties with the Glyphosate Tolerant trait (including those designated by the letter "R" in the product number) contain genes that confer tolerance to glyphosate herbicides. Glyphosate herbicides will kill crops that are not tolerant to glyphosate. Always follow grain marketing, stewardship practices and pesticide label directions. Varieties with the Genuity® Roundup Ready 2 Yield® (RR2Y) trait contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate. Genuity®, Roundup® and Roundup Ready 2 Yield® are registered trademarks of Monsanto Technology LLC used under license. Individual results may vary, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible. Varieties with the DuPont(TM) STS® gene (STS) are tolerant to certain SU (sulfonylurea) herbicides. This technology allows post-emergent applications of DuPont(TM) Synchrony® XP and DuPont(TM) Classic® herbicides without crop injury or stress (see herbicide product labels). NOTE: A soybean variety with a herbicide tolerant trait does not confer tolerance to all herbicides. Spraying herbicides not labeled for a specific soybean variety will result in severe plant injury or plant death. Always read and follow herbicide label directions and precautions for use. Varieties with the LibertyLink® gene (LL) are resistant to Liberty® herbicide. Liberty®, LibertyLink® and the Water Droplet Design are trademarks of Bayer. (-) = Variety does not contain a herbicide resistant gene. P = Plenish® high oleic soy oil product for contract production only.

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