



# GROWING CORN IN SANDY SOILS

Sandy soils require special management considerations to maintain high yields. Coarse textured soils will typically be lower in organic matter, require more water, and require a different nutrient management plan to meet or exceed yield goals. Below is a list of management strategies specific to sandy soils that can help to maintain and increase yields. Aside from special nutrient considerations, certain hybrids perform better on these sandy soils. Hoegemeyer evaluates hybrid performance on sandy soils each year. We use this experience to generate product ratings for suitability on sandy soils. If you have any questions regarding hybrid placement on sandy soils, please contact your Hoegemeyer DSM or Agronomist.

## MANAGEMENT STRATEGIES FOR SANDY SOILS

- 1. Apply nitrogen in-season.** Apply nitrogen as close to when the crop needs as possible. Side-dressing or fertigation in-season will help to reduce nitrogen loss.
- 2. Add a nitrification inhibitor.** Add a nitrification inhibitor if the application must be made early to avoid nitrogen losses through leaching and nitrification.
- 3. Apply sulfur and zinc.** Sulfur and zinc are also typically lower in concentration on sandy soils. Soil sample every three to four years to check for deficiencies.
- 4. Band on potassium.** In very coarse soils, potassium can be lost through leaching.
- 5. Schedule irrigation.** Irrigation scheduling can prevent over-irrigating and losing nitrogen from leaching below the root zone.

Maturity	Highly Suitable (Rating: 6 or Better)	Suitable (Rating: 5)
85		5515 Family
91		6117 Family
96	6620 Family	
97	6775 Family	
98	6813 & 6850 Families	
100	7088 Family	7027 Family
102	7209 Family	7224 Family
103		7322 Family
104	7434 & 7402 Families	
105		7523 Family
106	7680 & 7692 Families	7653 Family
107		7772 Family
108	7818 & 7886 Families	7843 & 7869 Families
109	7900, 7921, 7946, 7955 & 7990 Families	
110	8009, 8052 & 8084 Families	8066 & 8073 Families
111	8104, 8140, 8156 & 8188 Families	8175 Family
112	8233, 8239, 8255, 8268 & 8296 Families	8217 Family
113	8303, 8338, 8348, 8371 & 8382 Families	
114	8414, 8447, 8490 Families	8454 Family
115	8529 & 8560 Families	8511 Family
116	8637 Family	
117	8707 & 8750 Families	



**IMPORTANT:** Characteristic scores provide key information useful in selecting and managing products in your area. Information and ratings are based on comparisons with other products sold by Hoegemeyer.

Information and scores are assigned by Hoegemeyer and are based on period-of-years testing through 2021 harvest, and were the latest available at time of printing. Some scores may change after 2022 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. 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.



**AM** - Optimum® AcreMax® Insect Protection system with YGCB, HX1, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax products.



**Leptra** - Optimum® AcreMax® Leptra® products with AVBL, YGCB, HX1, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax Leptra products.



**AMXT (Optimum® AcreMax® XTreme)** - Contains a single-bag integrated refuge solution for above- and below-ground insects. The major component contains the Agrisure® RW trait, a Bt trait, and the Herculex® XTRA genes. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax XTreme products.



**Q (Qrome®)** - Qrome® products are approved for cultivation in the U.S. and Canada. They have also received approval in a number of importing countries, most recently China. For additional information about the status of regulatory authorizations, visit <http://www.biotradestatus.com/>



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**HX1** - Contains the Herculex® I Insect Protection gene which provides protection against European corn borer, southwestern corn borer, black cutworm, fall armyworm, lesser corn stalk borer, southern corn stalk borer, and sugarcane borer; and suppresses corn earworm.



**LL** - Liberty®, LibertyLink® and the Water Droplet Design are registered trademarks of BASF.



**RR2** - Contains the Roundup Ready® Corn 2 trait that provides crop safety for over-the-top applications of labeled glyphosate herbicides when applied according to label directions. Roundup Ready® is a registered trademark used under license from Monsanto Company.



**Optimum® AQUAmax®** Product performance in water-limited environments is variable and depends on many factors such as the severity and timing of moisture deficiency, heat stress, soil type, management practices and environmental stress as well as disease and pest pressures. All hybrids may exhibit reduced yield under water and heat stress. Individual results may vary.



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Components of LumiGEN® technologies for soybeans are applied at a production facility, or by an independent sales representative of Corteva Agriscience or its affiliates. Not all sales representatives offer treatment services, and costs and other charges may vary. See your sales representative for details. Seed applied technologies exclusive to Corteva Agriscience and its affiliates.



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**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.

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**BOLT:** 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 (sulfonyleurea) herbicides such as LeadOff® or Basis® Blend as a component of a burndown program or for double-crop soybeans following SU herbicides such as Finesse® applied to wheat the previous fall.



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