



GROWING CORN IN SANDY SOIL – 2024

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 (Table 1). 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 local Hoegemeyer DSM or Agronomist.

- 1. Apply nitrogen as closely to when the crop needs it as possible.** Apply nitrogen as close to when the crop needs as possible. Sidedressing or fertigation in season will help to reduce nitrogen loss.
- 2. Add a nitrification inhibitor.** Add anitrification 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 in sandy soils. Soil sample every 3 to 4 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)
87		5702 Family
91		6108 Family
92	6287 Family	
93		6357 Family
95		6532 Family
96	6620 Family	
97	6775 Family	
98	6850 Family	
99	6963 Family	6941 Family
100	7028 Family / 7088 Family	7094 Family
101	7138 Family	
102	7209 Family	7224 Family
103	7322 Family	7329 Family
104	7402 Family / 7434 Family / 7478 Family / 7485 Family	
105	7523 Family / 7549 Family / 7590 Family	7507 Family
106	7667 Family / 7692 Family	7653 Family / 7680 Family
107		7772 Family
108	7835 Family / 7843 Family	7858 Family / 7869 Family
109	7917 Family / 7921 Family / 7955 Family / 7976 Family / 7990 Family	
110	8009 Family / 8014 Family / 8046 Family / 8084 Family	8052 Family / 8073 Family
111	8110 Family / 8125 Family / 8156 Family / 8172 Family / 8188 Family	
112	8205 Family / 8262 Family / 8268 Family	8233 Family
113	8303 Family / 8365 Family / 8370 Family 8397 Family	8348 Family
114	8418 Family / 8447 Family / 8453 Family / 8490 Family	
115	8529 Family / 8576 Family	8511 Family / 8541 Family / 8560 Family / 8595 Family
116	8637 Family	
117	8707 Family / 8750 Family	
118		8812 Family



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 2023 harvest, and were the latest available at time of printing. Some scores may change after 2023 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.



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



V - Vorceed™ Enlist® products with V, LL, RR, ENL. Contains a single-bag integrated refuge solution with multiple modes of action for above- and below-ground insects. The major component contains the Herculex® XTRA genes, the RW3 trait and the VTP trait. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted for Vorceed Enlist products. Enlist Duo® and Enlist One® herbicides are not registered for sale or use in all states or counties. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your area. Enlist Duo and Enlist One are the only 2,4-D products authorized for use with Enlist crops. Consult Enlist herbicide labels for weed species controlled. Always read and follow label directions.



PCE - PowerCore® Enlist® corn products with HX1, VTP, ENL, LL, RR. A separate 5% corn borer refuge in the corn belt, and a separate 20% corn borer refuge in EPA-designated cotton-growing counties must be planted PowerCore Enlist products.



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.



AQ - 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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