Maximize yield when it rains and increase yield when it doesn’t

When you choose an Artesian™ corn hybrid, you’re not just choosing a trait or technology. You’re selecting an elite hybrid built for top-end yield and season-long water optimization. Artesian hybrids are built with scientifically selected genes that enable the plant to convert water to grain more effectively than other hybrids. The result: a hybrid that performs in a variety of soil types and climates, helping you improve yield stability and consistency on virtually any acre.

Artesian hybrids are available in a wide range of genetics, maturities and trait options, from conventional and minimally traited hybrids for herbicide tolerance and insect control, to hybrids containing the Agrisure Viptera® and Agrisure Duracad® traits for best-in-class above- and below-ground insect control.

Real-world success

Since 2010, Artesian corn hybrids have been put to the test in more than 7,500 Syngenta on-farm trials across the Corn Belt.

Look for the ‘A’

Artesian hybrids represent the A-list of high-performing corn hybrids, and can be identified by the ‘A’ at the end of the trait stack name or hybrid trait version extension (e.g., 3011A).
The science of Artesian corn hybrids

In developing Artesian corn hybrids, Syngenta employs a unique scientific process to select, validate and deploy natural corn genes that help the plant optimize water. The advantage of this approach is that Artesian corn hybrids carry elite genetics that respond to water stress in multiple ways and at any stage of growth, allowing the corn plant to produce top yields on virtually any acre – regardless of the weather.

How insufficient water affects the corn plant:
- Can delay silk emergence, resulting in unsuccessful fertilization
- May produce fewer carbohydrates, resulting in less harvestable grain to fill the ear
- May cause leaves to wilt and curl, disrupting photosynthesis and normal plant development
- May inhibit cell expansion and division within the plant, resulting in reduced plant height and ear size
- Can reduce plant’s uptake of water and soluble nutrients

How Artesian hybrids help the corn plant manage water:
- Better regulate synchronization of pollen shed and silking, resulting in successful fertilization
- Better control of how resources are allocated within the plant, increasing the volume of harvestable grain per ear
- Maintain normal growth and development longer into a dry spell
- Optimize growth and health of developing shoot and floral tissues
- Improve water and nutrient uptake through robust root system

Talk to your Syngenta Seed Advisor™ or Agrisure® traits representative about Artesian corn hybrids today or visit AgrisureArtesian.com.

Join the conversation – connect with us at social.SyngentaUS.com.