

## Maximizes yield when it rains and increases yield when it doesn't

When you choose an Artesian™ corn hybrid, you're not just choosing a trait or technology. You're selecting a high-performing hybrid with elite genetics – a hybrid that can deliver top-end yields whether the crop receives enough water or not. Artesian corn hybrids are built using scientifically selected genes that provide multiple modes of action for season-long drought protection.



Artesian corn hybrid (left) vs. competitive hybrid (right)

Audrain County, Missouri

Developed by Syngenta, the Leader in Water Optimization, Artesian corn hybrids can help you grow more corn by converting water to grain more effectively than other hybrids. Syngenta offers a broad range of Artesian corn hybrids to fit almost any production environment, helping you achieve more consistent production and profit potential anywhere you grow corn.

### Artesian corn hybrids will help you achieve:

- |                                      |  |
|--------------------------------------|--|
| <b>More corn on good ground</b>      | <i>Drive potential for higher yield through dry spells</i>   |
| <b>More corn on variable ground</b>  | <i>More consistent yield across the entire farm</i>          |
| <b>More corn on irrigated ground</b> | <i>Higher yield potential when water doesn't meet demand</i> |
| <b>More corn on dry ground</b>       | <i>Higher yield potential. Period!</i>                       |



## 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.

- *In optimal growing conditions or moderate drought stress, Artesian corn hybrids matched or exceeded the yields of comparable hybrids.*
- *In severe and extreme drought conditions, Artesian corn hybrids produced **11.8% higher yields** than the plot average.<sup>1</sup>*
- *In cases of extreme drought stress, Artesian corn hybrids produced **38.5% higher yields** compared to the plot average.*

<sup>1</sup> For this research, Syngenta defines a yield environment of 50–99 bu/A as “severe” and fewer than 50 bu/A as “extreme”.

## It's all about water

Nothing is as vital to growing corn as water. Water is the lifeblood of the farm and is essential to growing healthy crops. It's all about water – and converting more of your available water to grain. Syngenta is leading the way, with tools like Artesian corn hybrids that can help you optimize water to maximize yield.

**Talk to your Syngenta seed or Agrisure® traits representative about Artesian corn hybrids today or visit [AgrisureArtesian.com](http://AgrisureArtesian.com).  
Join the conversation – connect with us at [social.SyngentaUS.com](http://social.SyngentaUS.com).**

### 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.

Artesian corn hybrids are available in combination with best-in-class insect control and herbicide tolerance traits – for the best hybrids science can offer.



 **Agrisure Artesian®**

**syngenta®**

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