

Artesian® technology maximizes yield when it rains and increases yield when it doesn't. It's your go-to for season-long performance.

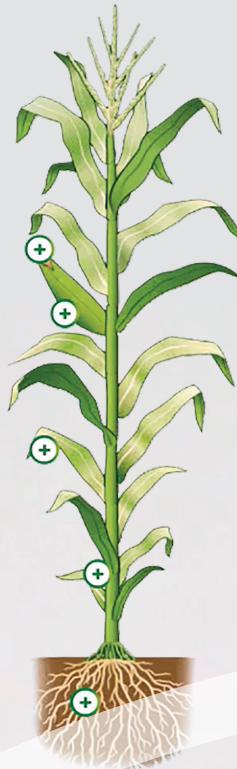
Convert Water to Grain More Effectively



Artesian corn hybrids improve water optimization all season long, converting water to grain more effectively than other hybrids. They manage gaps in rainfall with multiple genes for season-long drought protection backed by top-end yield potential in productive conditions.

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 helps 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

