



# LOCAL UPDATE

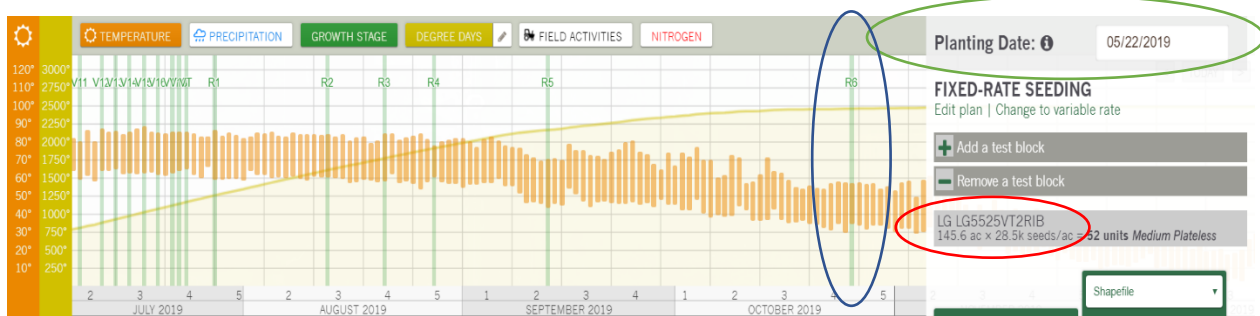
News from your Technical Team Agronomist.

## Delayed Planting Hybrid Selection

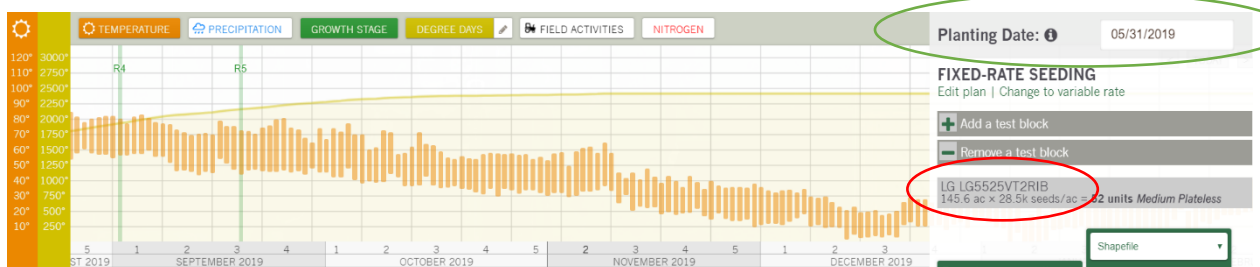
I find myself writing this article thinking about what could have been this year, but also thinking; what still can be! This spring has been one to remember, and has thrown several things at us, from snow to torrential rainfall. With all of this it is easy to get discouraged, but there is still time and potential to get this year's crops in the ground.

Throughout this spring I have tracked the Growing Degree Units, (GDUs) and monitored when several different hybrids will reach relative maturity, or black layer (R6). With the wet weather we have experienced, the topic about switching to shorter day hybrids has arisen several times. The purpose of this article is to show how to run scenarios in Advantage Acre using the WeatherTrends 360<sup>®</sup> timeline to make informed decisions about shortening hybrids on your customers farms.

Create a seed plan for growers, change the hybrid, and planting date to determine when hybrids may finish this growing season. Simply create the seed plan and click **Growth Stage**, and **Degree Day** in the timeline to determine your finishing dates. Scenarios are easy to run, and I ran some using a field near Kimball, SD. The following pictures demonstrate the dates to relative maturity for LG5525VT2 (105), and 5470VT2 (98) at two different planting date, May 22<sup>nd</sup> and May 31<sup>st</sup>. The first picture, LG5525VT2 planted May 22<sup>nd</sup>, schedules to reach Black Layer around October 26<sup>th</sup>, but moving the planting date back, May 31<sup>st</sup> (second picture), results in the plant not reaching R6, or not physically maturing at all this year. Making an educated decision, it looks like it may be time to start changing plans and implementing some shorter day products.

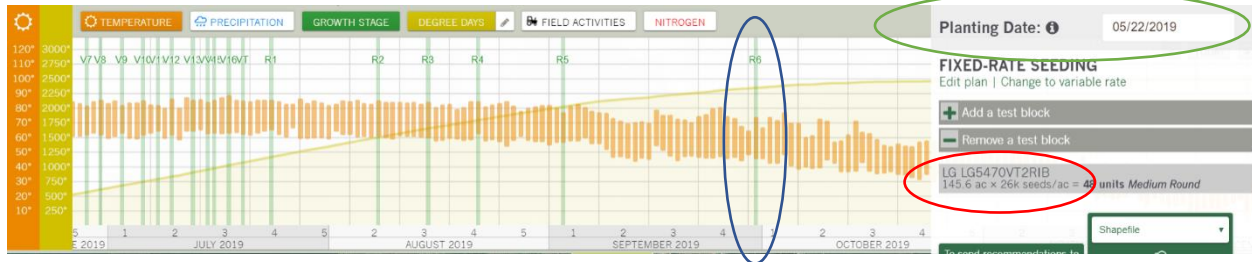


LG5525VT2 Planted on May 22<sup>nd</sup> and R6 on October 26<sup>th</sup>

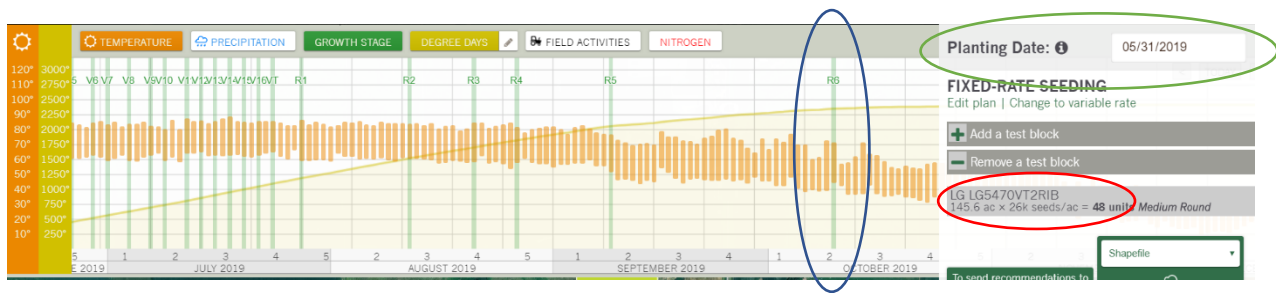


LG5525VT2 Planted on May 31<sup>st</sup>, and not fully reaching R6

There are still several very good, reliable products available in the case we do actually switch hybrids. One of those hybrids being LG5470VT2. The first picture demonstrates LG5470VT2 planted on May 22<sup>nd</sup>, reaching R6 on September 30<sup>th</sup>. However, when planted 10 days later, May 31<sup>st</sup>, LG5470VT2 still reaches maturity by October 8<sup>th</sup>, while at the same time requiring less GDUs than the tech sheet demonstrates (Tech sheet Black Layer: 2479, Advantage Acre GDUs to Black Layer: 2330). Corn is capable of utilizing less GDUs to reach maturity when planted after May 1<sup>st</sup>. Late planted corn is usually planted into warmer soils allowing the seed to germinate quicker, and ultimately emerge faster.



LG5470VT2 planted on May 22<sup>nd</sup> and reaching R6 on September 30<sup>th</sup>.



LG5470VT2 planted on May 31<sup>st</sup> and reaching R6 on October 8<sup>th</sup>.

There are several things to think about when switching hybrid maturities. Some of these areas include: the plan for harvest, (silage, wet corn, grain, etc.) does the cost of yield difference, due to shorter maturity, outweigh the cost to dry grain, or does the hybrid we are switching to work for me. These are just a couple of things to think about, and there are probably several more.

In conclusion, Advantage Acre is a great tool for running scenarios for grower's operations to make sure we are placing the hybrids correctly this year. Every Star Partner is able and has access to Advantage Acre Plus in order to run these scenarios and look at the WeatherTrends 360<sup>®</sup> timeline. If you have any other questions please give myself a call, **Evan Donahue – 605-579-0180, or your Sales Account Manager (SAM).**

Note: The information in this issue is based upon field observations and third-party information. Since variations in local conditions may affect the information and suggestions contained in this issue, LG Seeds disclaims legal responsibility, therefore. Always read and follow label instructions. LG Seeds and design are trademarks of AgReliant Genetic, Inc. Advantage Acre<sup>®</sup> is a registered trademark of AgReliant Genetics, LLC. WeatherTrends 360<sup>®</sup> is a registered trademark of Weather Trends International, Inc. Advantage Acre is a product of AgReliant Genetics, LLC.