

PHY 222 WRF: A VERY EARLY MATURING VARIETY FOR THE HIGH PLAINS

Robert Lemon
Scott Fuchs
Sterling Brooks Blanche
Steve Brown
Joel C. Faircloth
Chris L Main
Russell C Nuti
Duane Canfield
LeAnn Bruns
Jacob Rieff
Joel Mahill
Mustafa McPherson
Phytogen Cottonseed
Indianapolis, IN

Abstract

PHY 222 WRF is a very early maturity, Widestrike RoundupReadyFlex Variety. The “200” series represent varieties developed for the West Texas environment originating from the Lubbock, Texas-based Phytogen breeding program. PHY 222 WRF was developed for the northern High Plains environment, specifically for the region north of Plainview, Texas. It is earlier than FM 2011 GT and offers double-crop opportunities planted behind wheat or a viable option in replant situations. There are no limitations across soil types and the variety has excellent seedling vigor and exceptional yield potential in its area of adaptation. PHY 222 WRF also possesses excellent storm tolerance (can be stripper or picker harvested). The node-to-first fruiting branch is 5.0 to 5.5 and it is very easy to manage. It is characterized by very short and compact plant architecture, requiring minimal plant growth regulator usage. It has an excellent fiber quality package with average length of 1.13 inches, 4.8 micronaire, 30.7 g/tex strength and uniformity percentage of 85.0. PHY 222 WRF has a smooth leaf and is susceptible to bacterial blight and verticillium wilt. It offers a viable option for growers in the northern High Plains, western Oklahoma and southwestern Kansas regions.