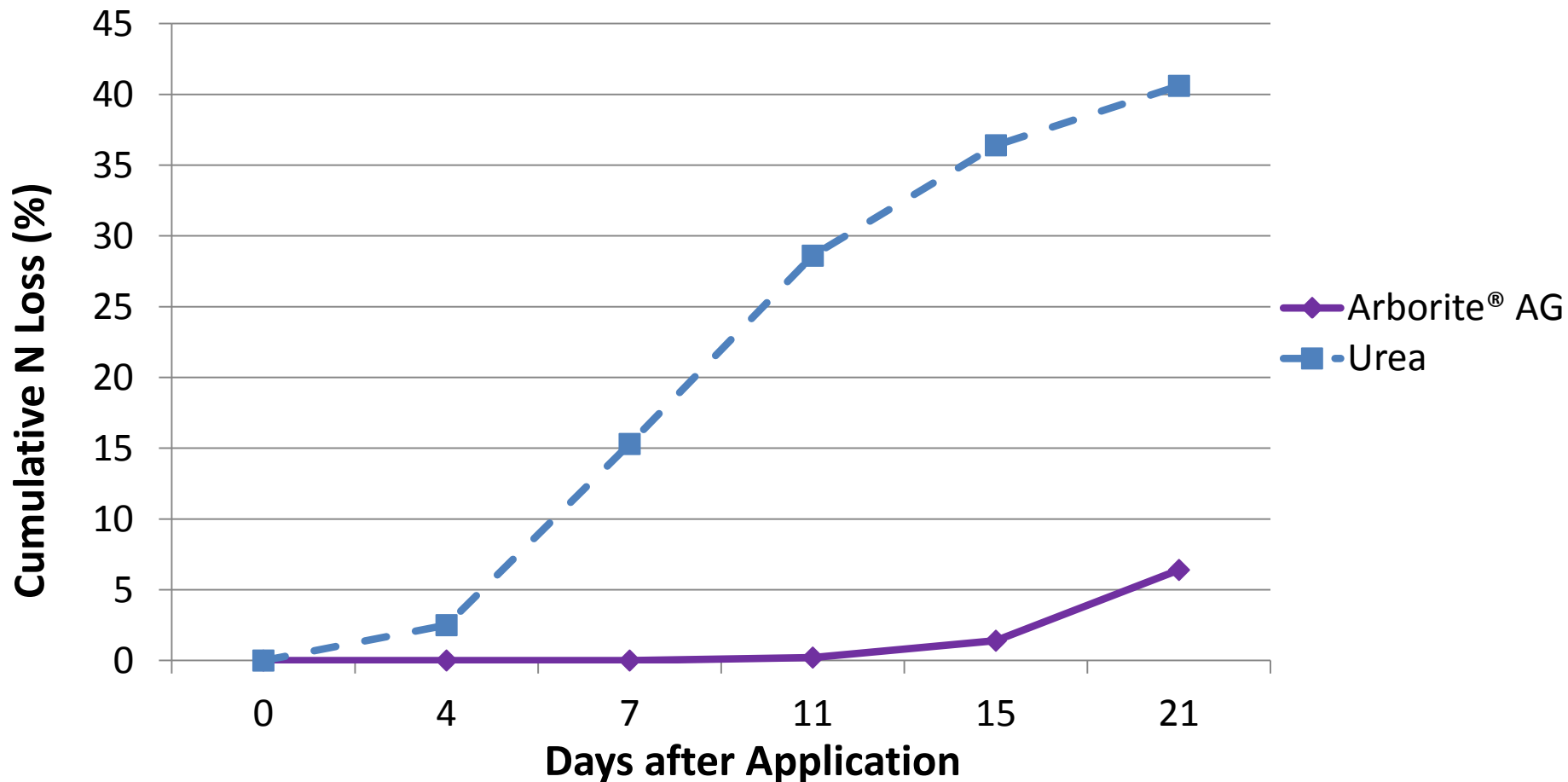


# University of Arkansas Division of Agriculture

2010 Field Research Results

# Ammonia Volatilization Loss of Surface Applied Urea and Arborite® AG Treated Urea



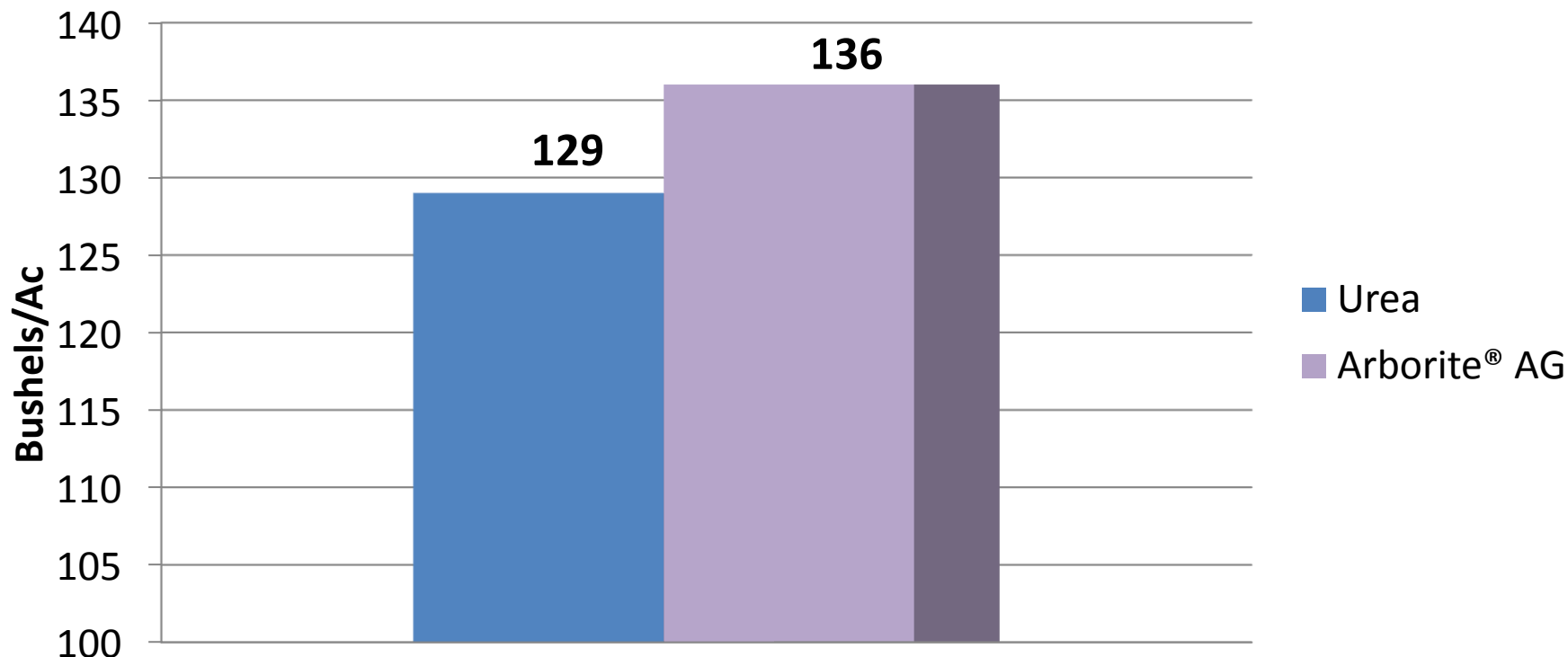
R. J. Norman, Ph.D.  
University of Arkansas - Division of Agriculture  
2010 Field Research Stuttgart, AR  
DeWitt Silt Loam

# Rice Yield Comparison Using Urea and Arborite® AG

## Treated Urea as Nitrogen Sources

### Applied at Different Rates and Application Times

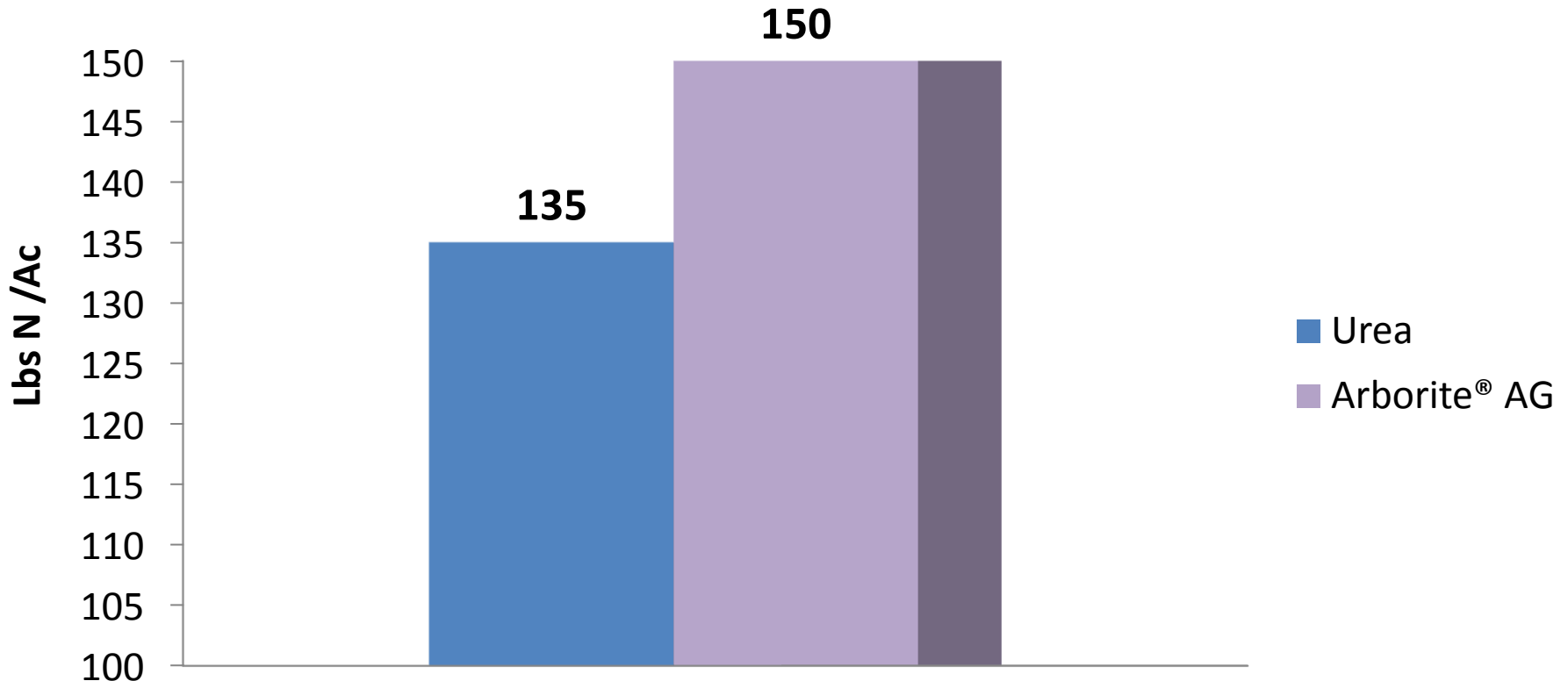
Arborite® AG yield increase significant at the .05 Level



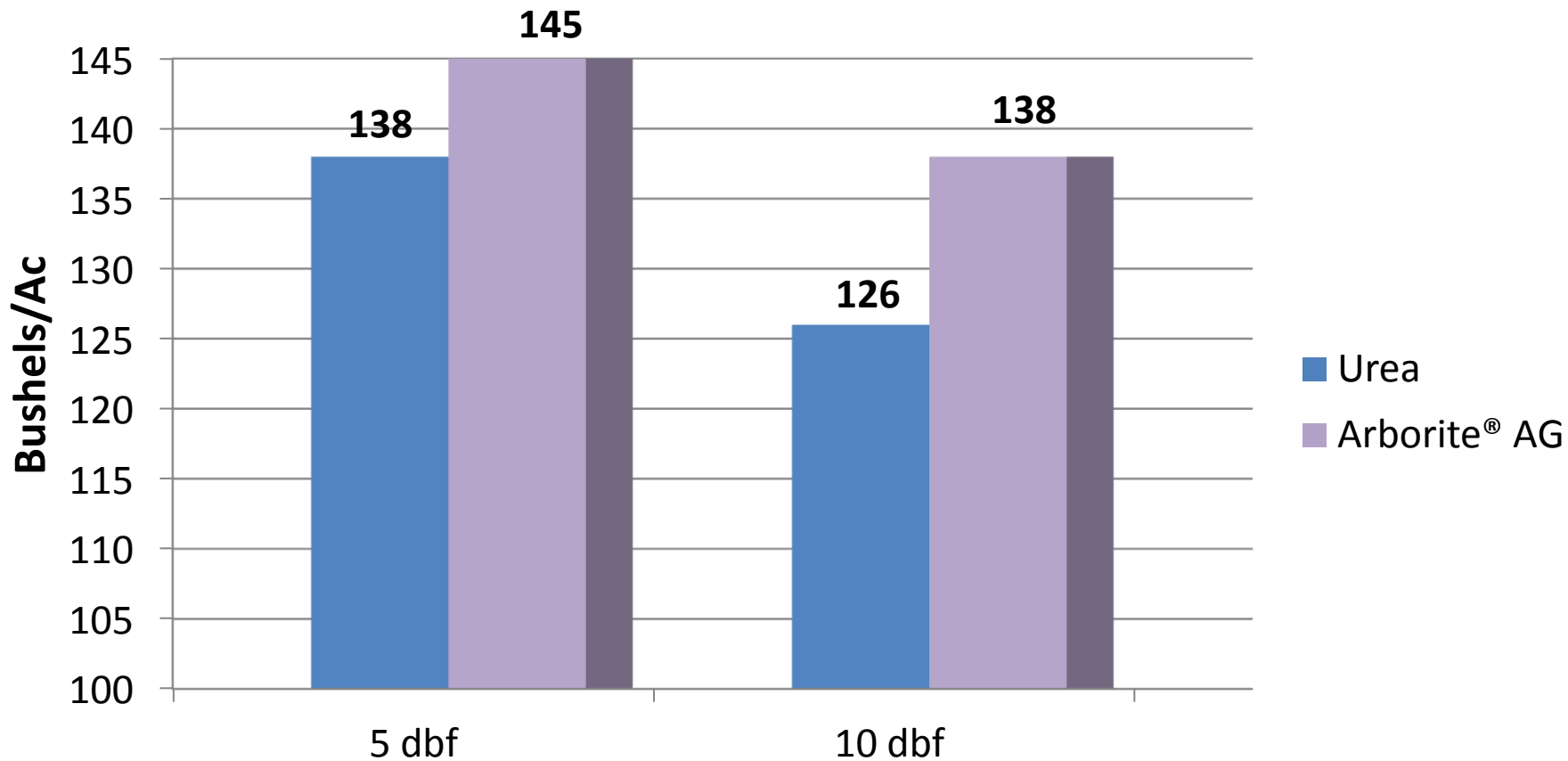
# Nitrogen Uptake Comparison Using Urea and Arborite® AG Treated Urea as Nitrogen Sources

Applied at Different Rates and Application Times

Arborite® AG N uptake increase significant at the .05 Level



# Rice Yield Comparison Using Urea and Arborite® AG Treated Urea as Nitrogen Sources Surface Broadcast 120 lb N/Ac



R. J. Norman, Ph.D.  
University of Arkansas - Division of Agriculture  
2010 Field Research Stuttgart, AR

Rice Cultivar - Wells  
DeWitt Silt Loam

\*dbf – days before flood N was applied