



# Robust Applications in Transmission and Reflectance



## AGRICHECK CALIBRATIONS

AgriCheck calibrations are available for a wide range of applications. Depending on the product type, these calibrations are based on either transmission measurements (suitable for both AgriCheck and AgriCheck Plus) or reflectance measurements (only available with AgriCheck Plus). Additionally, KPM Analytics is pleased to offer calibrations packages based on your industry and application needs.

AgriCheck calibrations have been created from many years' of data and in many cases, diverse geographical areas. This creates stable and robust calibrations which work well out of the box for most sample types.

The calibrations available are listed below.



## AGRICHECK STANDARD FOR GRAIN ANALYSIS. TRANSMISSION CALIBRATIONS

Product	Moisture/Water	Protein	Fat/Oil	Starch	Gluten	Other
Barley	✓	✓		✓		
Barley malt		✓				
Corn	✓	✓	✓			
Green malt	✓					
Oats	✓	✓				
Rice	✓	✓				Protein as is
Rice (brown)	✓	✓				Protein as is
Rice (milled)	✓	✓				Protein as is
Rice (rough)	✓					
Rye	✓	✓				
Soybeans	✓	✓	✓			
Wheat	✓	✓		✓	✓	Sedimentation
Wheat malt	✓	✓				

## AGRICHECK PLUS DEFAULT CALIBRATIONS PACKAGE

### Transmission Calibrations

Product	Moisture/Water	Protein	Fat/Oil	Starch	Gluten	Other
Barley	✓	✓		✓		
Barley malt		✓				
Green malt	✓					
Oats	✓	✓				
Rye	✓	✓				
Wheat	✓	✓		✓	✓	Sedimentation
Wheat malt	✓	✓				

### Reflectance Calibrations

Product	Moisture/Water	Protein	Fat/Oil	Starch	Gluten	Fibre	Crude Fibre	Ash	Other
Wheat bran	✓	✓	✓			✓	✓		
Wheat flour	✓	✓			✓			✓	
Semolina		✓							

## AGRICHECK PLUS OPTIONAL CALIBRATIONS FOR ALL AGRICULTURAL PRODUCTS (AAP)

### Transmission Calibrations

Product	Moisture/Water	Protein	Fat/Oil	Starch	Gluten	Other
Corn	✓	✓	✓			
Rice	✓	✓				Protein as is
Rice (brown)	✓	✓				Protein as is
Rice (milled)	✓	✓				Protein as is
Rice (rough)	✓					
Soybeans	✓	✓	✓			

### Reflectance Calibrations

Product	Moisture/ Water	Protein	Fat/ Oil	Starch	Gluten	Fibre	Crude Fibre	Ash	Other
Corn bran	✓	✓	✓				✓	✓	
Corn flour	✓		✓						
Corn germ	✓								
Corn meal	✓	✓	✓						
Peanut cake	✓	✓	✓				✓		Metabol. energy
Rapeseed	✓		✓						
Soybean cake	✓	✓				✓			
Soybean meal	✓	✓	✓			✓		✓	
Sunflower	✓	✓	✓						Moisture 72h; Oil as is
Sunflower cake	✓	✓	✓			✓		✓	Calcium
Sunflower meal	✓	✓					✓		
Toasted soya	✓	✓	✓			✓			

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