

Commodity NIR Packages



Dairyland Labs has offered the NIR Select Package on several commodity feeds for 2+ years now. After introducing the NIR CNCPS 6.5 Package for many of these commodity feeds last fall, we are now ready to expand upon those offerings. The CNCPS offering adds NDFD at 12, 72 & 120hrs for many fibrous feeds, as well as the Ross UCP (Undigestible Crude Protein) on some higher protein feeds. During Fall 2020, we included UCP values for Distillers Grains, and we are now expanding that offering to Soybean Meals and Canola Meals. The new NIR offerings will enable faster turn around time on commodity analyses and is well positioned as a tool to detect and quantify variation at feed mills and farm feeding centers.

NIR analysis presents significant advantages when:

- Sub-sampling variation is large (more samples at a lower cost can overcome the sub-sampling challenges)
- Many analyses are required on a single sample
- Quantifying variation among samples is more important than the absolute value of a single sample

Chemistry is still recommended any time a claim is being made against a feed manufacturer because the absolute value of a single sample is critical, the number of nutrients required is typically 5 or fewer, and the number of samples in question is usually very few.

NIR Select or NIR CNCPS 6.5 Packages can be requested on the following feed types via E-samples or traditional submission forms. The nutrients included in the package will vary depending on the feed type.

Feed Type	NIR Select Package (Includes all nutrients in Black)									NIR CNCPS 6.5 Package (Includes anything in NIR Select)	
	CP	CF	ADF	NDFom	Fat (EE)	Ash	Sugar (WSC)	Starch	Energy Calcs	NDFD/uNDFom 12,72, & 120 hr	Ross UCP
Beet Pulp	X	X		X	X	X	X		X	X	
Blood Meal	X				X	X					
Brewer's Grain	X	X		X	X	X		X	X	X	
Canola Meal	X	X		X	X	X			X	X	X
Corn Gluten Feed	X	X		X	X	X		X	X	X	
Distillers Grain (corn)	X	X	X	X	X	X		X	X	X	X
Meat & Bone	X				X	X					
SBM	X	X		X	X	X			X		X
SBM - Bypass	X	X		X	X	X			X		X
Soy hulls	X	X		X	X	X		X	X	X	
Wheat Midds	X	X		X	X	X		X	X	X	

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