

New Manure Select Package & Manure Kits



Dairyland Labs is introducing a new **Manure Select Package**. This package includes Dry Matter, aNDF, aNDFom, uNDFom240, NDFD240, Starch, and Ash. A new **Manure Kit** replaces the Fecal Starch Kit. In addition, a new **Manure Sample Information Sheet** is included.

Analysis Options:

Package	Method	Price	Turn Around	DM Starch ATTSD (calculated)*	CP aNDF aNDFom	uNDFom240 NDFD240 Ash
Fecal Starch	NIR	\$28.00	2 days	X		
	Chemistry	\$28.00	3-5 days	X		
Manure Select	NIR	\$35.00	2 days	X		X

*ATTSD = Apparent Total Tract Starch Digestibility

Use Cases for the Manure Select Package

- **Diagnostic tool** – for a herd/pen of cows that are not performing as expected, Manure Select can provide nutritional information that may be limiting production.
- **Monitor feed efficiency** – monitor the efficiency of nutrients that are digested on a regular basis. Trouble-shoot low feed efficiencies when experiencing feeding challenges.
- **Ration changes** – monitor how a ration change affects digestion components and efficiency.
- **Monitor efficacy of feed additive** – assist in determining if a feed additive improved digestion. On occasion, it takes time to see improvement in milk production or component response from additives. Data from the Manure Select package can help determine the value of improved digestion by additives.
- **Monitor mixer efficiency/delivery** – monitor potential issues with feed delivery of TMR. If a TMR lacks uniformity (very sortable) or if the mixer is over processing the TMR (particle to fine), changes can be made to remedy the situation. Analyzing samples before/after to demonstrate improvements in digestion when cows consume a uniform ration.
- **Monitor changes in starch digestion over time & how those changes may affect NDF digestion** – The availability of Starch from sources like HMSC, Earlage/Snaplage and Corn Silage changes significantly during fermentation and storage. The Manure Select Package will track the changes in starch digestibility and the influence that may have on NDF digestion.

Expected Ranges on Manure samples:

Manure Select Package	90% Range*
Crude Protein (%DM)	10.1 – 25.0%
aNDF (%DM)	35.1 – 66.8%
aNDFom (%DM)	32.3 – 61.3%
NDFD240 (%aNDFom)	16.0 – 65.1%
uNDFom240 (%DM)	12.9 – 45.2%
Starch (%DM)	0.30 – 21.1%
Ash (%DM)	7.95 – 25.5%

*Manure statistics provided for comparison

The Manure Select Package offers additional nutrient analysis at a competitive price and can provide information on true digestion of the diet consumed.

For further assistance in determining how manure analysis can help you, contact Neal Winingar at 608-323-2123.

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