

Fd Type Code	Feed Type
LH	Dry Legume Hay
MH	Dry Legume & Grass Dry Hay
GH	Dry Grass Dried Hay
LS	Fermented Legume Haylage / Baleage
MS	Fermented Legume & Grass Haylage / Baleage
GS	Fermented Grass Haylage / Baleage
FR	Fresh Cut (Unfermented) Haylage
CS	Corn Silage
SMG	Small Grain Forage (Wheatlage, Oatlage, Ryelage, etc.)
EC	Ear Corn (Snaplage, Earlage, etc.)
SC	Shelled Corn
TMR	Total Mixed Ration (Forage & Grain Mixture)
GRN	Grain Mix - Dairy - Horse
SWINE	Swine - Total Mixed Ration
POULTRY	Poultry - Total Mixed Ration
O	Other - Please Specify

NIR Feed Tests		
Feed Test Codes	Only For:	Dry Hay Haylage NPN Treated Haylage Scissor Cut Pasture
		Corn Silage NPN Treated Corn Silage Ear Corn Shelled Corn
	Samples may not contain foreign materials or mineral, vitamin, or protein additives.	
NIR	Moisture, Protein, ADF, NDF, PSU Energies, Ca, P, K, Mg. Forages include Protein Solubility, NFC, Heat Damaged Protein, and RFV.	
NIRosu	NIR plus Lignin, Ash, Fat, & OSU Energies.	
NIRd	NIRosu plus Starch, Sugar, InVitro Digestibility, OSU Energies, & RFQ. Milk per Ton Rpt available upon request for Corn Silage.	
NW	Same as NIR test except minerals by wet chemistry.	
NWosu	Same as NIRosu test except minerals by wet chemistry.	
NWd	Same as NIRd test except minerals by wet chemistry.	

Codes	Hay is For Horses
Equus	Moisture, Protein, ADF, NDF, PSU Energies, Ca, P, K, Mg, Na, Cu, Fe, Mn, & Zn. Special report for horses.
Equus Plus Equus Pro	Equus test plus Starch, Sugar, & Non-Structural-Carbs. EquusPlus test plus Fat, Ash, & Lignin.

Wet Chemistry Feed Tests	
Feed Test Codes	Energy Values are not available for plant or animal tissue by-products, swine or poultry feeds, & other unusual feeds except with the OSU or Prox test.
	<i>A complete list of tests is available at www.litchlab.com</i>
DM	Moisture & Dry Matter.
1	Moisture & CP.
2	Test 1 plus Ca, P, K, Mg, Na, Cu, Fe, Mn, & Zn.
3	Test 2 plus ADF & PSU Energy Equations.
4	Test 3 plus NDF.
5	Test 4 plus Sulfur & Chlorides.
OSU	Added to Test 4 or 5, includes EE Fat, Ash, Lignin ADFCP, NDFCP & OSU Energy Equations.
CPM30	Added to Test 4 or 5, includes EE Fat, Ash, Lignin ADFCP, NDFCP, Sugar, Starch, 30NDFd, Kd Rate, & OSU Energy Equations.
ProxEE	Proximate Analysis: Includes Moisture, CP EE Fat, Ash, CF, Summerative Energy Equations Ca, P, K, Mg, Na, Cu, Fe, Mn, & Zn.
ProxAH	Same as ProxEE except Fat by Acid Hydrolysis.
MinMix	CP, Ca, P, K, Mg, Na, Cu, Fe, Mn, & Zn (Minerals).
uNDF24	24 hr invitro neutral detergent fiber digestibility. (Must be run with NDF)
uNDF30	30 hr invitro neutral detergent fiber digestibility. (Must be run with NDF)
uNDF48	48 hr invitro neutral detergent fiber digestibility. (Must be run with NDF)
H	Heat Damaged Protein (must be run with ADF)
S	Protein Solubility.
pH	pH
NO3	Nitrates
M	Penn State Dairy Particle Size Analysis.
L	Lignin (must be run with ADF)
Fat	EE Fat
Ash	Ash
Ferm	Silage Fermentation Analysis
NSC	Moisture, Starch, Sugar, & Non-Structural Carbohydrates.
Mold#	Mold & Yeast Count
A	Aflatoxin
T2	T2 Toxin
V	Vomitoxin
Z	Zearalenone