

FORAGE, FEED AND INGREDIENT PACKAGES

FORAGES, INGREDIENTS AND FINISHED FEEDS

WET CHEMISTRY (ALL ANALYSIS BY WET CHEMISTRY)

Mineral I

Ca, P, K, Mg, Na
(pricing available with an NIR package)

Mineral II

Ca, P, Mg, K, S, Na, Cl, Cu, Zn, Mn, Fe
(pricing available with an NIR package)

Package I

DM, CP

Package II

DM, CP
Ca, P, K, Mg, Na

Package III

Type II plus
Zn, Mn, Cu, Fe

Package IV

Type II plus ADF, NEL, TDN

Package V

DM, CP
Ca, P, Na

Poultry ME

DM, CP, fat, starch, total sugar,
Ca, P, K, Mg, Na
Calculations: metabolizable energy

Swine ME

DM, CP, fat, ash, crude fibre,
Ca, P, K, Mg, Na
Calculations: metabolizable energy

Excel Basic

DM, CP, ADF, NDF,
Ca, P, K, Mg, Na, Cu, Fe, Mn, Zn,
Starch by NIR included, only for TMR+corn silage.
Calculations: TDN, NEL, NEG, NEM, RFV.

NCPS

Feeds and Forages:
DM, CP, SP, ADF, ADF-CP, NDF, NDF-CP, lignin, fat,
ash, starch,
Ca, P, K, Mg, Na, Cu, Fe, Mn, Zn.
Calculations:TDN, NEL, NEG, NEM, NFC, UIP (est.),
RFV, OARDC energy calculations (where available)

FORAGES AND TMR

NIR TESTING (ALL ANALYSIS NIR – MINERALS BY NIR)

NIR Standard

DM, CP, SP, ADF, ADF-CP, NDF, NDF-CP, NDFd 24,
30, 48, lignin, ash, fat, starch, sugar (WSC),
Ca, P, K, Mg, Na, S, Cl.
Calculations: UIP, NFC, TDN, NEL, NEG, NEM, RFV,
DCAB

NIR Complete

DM, CP, SP, ADF, ADF-CP, NDF, NDF-CP, NDFd 24,
30, 48; uNDF 120, 240; 7hr SCHd (cs); lignin, ash, fat,
starch, sugar (WSC), ESC, VFA and ammonia,
Ca, P, K, Mg, Na, S, Cl,
Calculations: TDN, NEL, NEG, NEM, RFV, Milk per
tonne, Beef per tonne. NDF disappearance rate (kd,
Mertens) DCAB

NIR CNCPS/NASEM

DM, CP, SP, ADF, ADF-CP, NDF, NDF-CP, lignin, ash,
starch, sugar (WSC), ESC, NDFd 24, 30, 48; uNDF
120,240; 7hr SCHd (cs); total fatty acids, C16:0, C18:0,
C18:1, C18:2, C18:3; VFA and ammonia
Ca, P, K, Mg, Na, Cl, S;
Calculations: TDN, NEL, NEG, NEM, RFV; Milk per
tonne, Beef per tonne,UIP, NFC, DCAB, pH (ensiled
forages). NDF disappearance rate (kd, Mertens)

NIR TMR

DM, CP, SP,ADF, ADF-CP, NDF, NDF-CP, lignin,
starch, fat, ash,
Ca, P, K, Mg, Na,
UIP as %CP,
Calculations: TDN, NEL, NEG, NEM

NIR Corn (HMC,CCM,GC)

DM, CP, ADF, ADF-CP (HMC), NDF, lignin (HMC),
starch, fat, ash, 7h SCHd (HMC),
Ca, P, K, Mg.
Calculations: NFC, TDN, NEL, NEG, NEM

Rapid Scissors Cut

DM, CP, ADF, NDF
Calculation: RFV

NIR + WET CHEMISTRY (NIR ANALYSIS- MINERALS BY WET CHEMISTRY)

Equine Complete

By NIR: CP, SP, ADF, ADF-CP, NDF, NDF-CP, lignin, ash,
fat, starch, total sugars (WSC), simple sugars (ESC).
By Wet Chemistry: DM, Ca, P, K, Na, Mg, Cu, Fe, Mn, Zn.
Calculations: NFC, TDN and DE for horses.

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