



Apparent Digestibility through TMR and Fecal Evaluation

Account Name: FARMERS COOPERATIVE ASSOCIATION Farm Name: WAJO HOLSTEINS

Paired Samples used in Determination

TMR Description: TMR

Sample #: 14647125

Fecal Description: MANURE

Sample #: 14647126

Date Sampled: 4/30/13

Date Received: 4/30/13

Date Reported: 5/3/13

TMR Sample (% DM Basis)

DM	45.4%
Starch	23.7%
NDF	34.1%
CP	17.4%
Lignin	4.06%
iNDF	11.0%

Fecal Sample (% DM Basis)

DM	14.9%
Starch	4.7%
NDF	54.2%
CP	15.4%
Lignin	8.76%
iNDF	28.0%

Apparent Starch Digestibility: **92.2%**

Expected Range: 88% to 98% (average 94.4%)

Ideal Range: 94% to 98%

Apparent NDF Digestibility **55.2%** of potentially digestible NDF (pdNDF)

37.4 % of total NDF

Expected Range: 32% to 77% pdNDF (average 61%)

Apparent Protein Digestibility: **60.4%**

Expected Range: 25% to 78% (average 61%)

Starch digestibility will vary based on many factors including timing of fecal collections, amount of starch in the diet, starch particle size, dry matter of corn and corn silage, length of time starch products have fermented in storage, diet composition, milk production level, and general rumen health.