



Evaluation of corn samples using sieves

1. Weigh the empty aluminum pan and corn samples before starting to sift.
2. Weigh the corn from each of the sieves and the pan and record the weight below.

Weight of the total corn sample: _____grams

Amount retained on:

#4 screen _____grams ÷ total _____X 100= _____%retained

#8 screen _____grams ÷ total _____X 100= _____%retained

#16 screen _____grams ÷ total _____X 100= _____%retained

#30 screen _____grams ÷ total _____X 100= _____%retained

Pan _____grams ÷ total _____X 100= _____%retained

Recommendation for a 50% forage ration with corn silage and alfalfa haylage in a 1:1 ratio.

% of sample retained on each screen:

Screen size	#4	#8	#16	#30	Pan
H.M. Corn (>30%)*	75	25	0	0	0
H.M. Corn (25-30)	25	50	25	0	0
H.M. Corn (<25%)	0	0	30	50	20
Dry ground corn	0	0	30	60	10
Coarse dry corn	10	30	45	10	5

*Refers to moisture content

Adapted from Grant, 1999 and Hutjens, 2000