



Grain Prep[®] Auto Delivery System[®]

Batch Design

Moisture Control Data from University Pelleting Research

Cold mash moisture content was determined in real time using an FP-21C Moisture Sensor¹ flush mounted in the mixer. It was then automatically adjusted to a preset target by the Grain Prep Auto Delivery System² using a Grain Prep Processing Aid - water solution injected into the mixer. Following is a composite of data generated in three separate studies:

Target Moisture (%)	12.0	13.0	14.0	15.0	16.0
Laboratory Assay (%)	12.1 ^a	13.0 ^b	14.0 ^c	15.1 ^d	16.2 ^e
Standard Deviation	0.1	0.1	0.2	0.2	0.1
Number of Batches	3	6	8	10	3

Means with different superscripts differ ($P < 0.0001$).

1) Reg. U.S. Pat. Off. No. 6,240,130 B1

2) Reg. U.S. Pat. Off. Nos. 5,194,275 & 5,437,882