



Memorandum

To Dr. E. Glock

Date July 9, 1990

From W. W. Sadler, R. T. Cook and C. E. Rusnak

Ref. Leaf Services Monthly Report for June

BRS

The BRS produced in June was of the same average quality as that produced from January through May 1990. Plus 2 mm sieve fraction averaged 23.3% at 12.1% moisture and filling power averaged 3.8 cc per gram. Moisture control was good for the month with the eleven samples ranging from 11.2% to 13.4%.

The results of moisture, filling power and sieve analyses for the BRS-B produced in June are shown on the attached ***Table I.

Table II shows a comparison of punched plate and standard screen sieve analyses for the "Instrument and Methods Check Samples" received in June. This comparison continues to indicate BRS-B is a longer product than indicated by standard screen sieve analysis alone.

Super Shorts

No samples were received during this reporting period.

Width of Cut Measurements

All samples measured in June were well within the normal range for a cutter gearing for a theoretical cut of 25.9 cuts per inch. The two cigarette blend cutter lines averaged 29.7 ± 0.71 cpi at a moisture of $17.0 \pm 0.12\%$ while the sample from the CET cutters measured 29.2 ± 3.11 cpi.

The results of our width of cut measurements for samples received in June are summarized on the attached ***Table III.

**Black Book*

Hanmer Division Production Summaries

*Table IV summarizes the moisture and TVB analyses for the individual samples from the May 7-15, 1990 RC-S production run. Table IV also shows a complete chemical analysis for an end of the run composite sample. The low standard deviation for the moisture and TVB analyses indicate good production control was maintained during this run. We are at a loss to explain the difference between the average TVB and the composite value.

*Table V summarizes the "Instrument and Methods Check" samples for RCTM produced June 10, 1990. The values reported are the average of one sample from each of Numbers I and III machines. Moisture and extractables checks between the two facilities is good while the difference in the sugar values is larger than normal.

*Table VI summarizes the "Instrument and Methods Check" samples for RC-S produced June 24, 1990. The values reported are the average for one sample from both number one and number three machines. The agreement between the two laboratories for moisture is excellent while the agreement for both extractables and sugars is poor.

*Table VII summarizes R & QA analyses for moisture and glycerine for the May 20-June 7, 1990 production of Grade EBR. The low standard deviation for both of these analyses indicate good production control was maintained during this production run.

RC Improvement

Enough RCTM handsheets containing approximately 43% powdered aluminum have been prepared to yield eight pounds of finished RCTM containing approximately 30% powdered aluminum. Spraying of these sheets should be completed during the week of July 9-13, 1990.

Vertical Steam Dryer

Three runs each yielding five samples were made during this reporting period. These runs, using PALL MALL Famous cutter tobacco, were made in an effort to determine if temperature of drying or degree of drying was most important in humectant, TVB and nicotine losses.

A separate report summarizing these runs will be prepared.

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Attachments