

DEVELOPMENT PROJECT SUMMARY

TITLE: BURLEY STEM FLAVOR

OBJECTIVE:

Develop and evaluate methods for the utilization of burley stems.

CURRENT STATUS:

1. Schweitzer burley stem sheet (SBS) currently being used in production at 1.1%. RL in use at 2.5%.
2. Evaluation of flavored EBS completed. Results satisfactory--POL requested. Alternate versions to be tested via RP³.
3. RP³ on EBS washed versus unwashed completed. Marlboro smokers and combined prefer washed EBS.
4. RP³ on Marlboro control versus 7% washed burley stems released.
5. RP³ on flavor cased EBS requested--awaiting EBS.
6. RP³ on peroxide treated EBS completed. NSD versus control.
7. RP³ on Marlboro control versus total replacement of BL by un-flavored RL completed. Samples are different, test is harsher, Marlboro smokers identify control.
8. RP³ on flavored RL total replacement of BL completed. Marlboro smokers find no differences, regular filter smokers find control harsher.
9. Combinations of RL and BL being evaluated in a '76 blend by National POL.
10. The 1975 Marlboro with 5% EBS (replacing burley strip) to be tested on RP³.
11. Cooperative work to determine humectant loss.

PROBLEMS:

1. Subjective flavor characteristics of burley stems
2. Analytical determinations of humectants
3. Reduced deliveries give lower tobacco responses

PLANS AND TIMETABLES:

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| 1. Evaluate flavored EBS model via RP ³ | Awaiting models |
| 2. Evaluate flavored EBS on National POL | Requested--Awaiting models |
| 3. Evaluate flavored RL on RP ³ | Complete |
| 4. Evaluate flavored RL on National POL | Dependent on RP ³ results--
Complete January |
| 5. Evaluate R&D flavored RL on RP ³ | February, 1975 |

January 2, 1974

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