

HOESBAND CORPORATION
SCHEDULE #4

ROLL #4

Plant

Location: Nitro, West Virginia

January 4, 1966

2,4,5-T QUALITY

- ** L. E. Dotson
- W. R. Kellogg
- V. K. Phillips
- C. H. Sepulveda
- J. C. Strum
- E. F. Taka

J. W. Roark

In December, the 2,4,5-T plant set a new all-time production record of 571,220 pounds. Of the 36 lots produced, the following failed to meet minimum quality specifications.

Quality Check	Lots Failing	Percentage Failing
Sulfates	16	28.6
NaSalt	17	30.4
Moisture	39	69.6
Color	28	50.0
Melting Point	24	42.9
Assay	16	28.6
Free TCP	4	7.1

Previous operating conditions for 2,4,5-T were specified for a production level in excess of 400,000 pounds per month. TSD is initiating a program to determine the causes of the poor quality in 2,4,5-T and to establish new operating conditions for production in excess of 500,000 pounds per month.

The suggested program of attack according to most immediate need is as follows:

- Sulfates
- NaSalt
- Color
- New Process Conditions
- Moisture *
- Assay, Melting Point, Free TCP **

- * Being examined separately by J. C. Strum.
- ** To be re-examined after initial goals are met.

We wish to advise you that this program has just been initiated and will require laboratory assistance which will be defined at a later date.

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