

TECHNICAL NOTES

FOREST PRODUCTS LABORATORY

U. S. FOREST SERVICE

MADISON, WISCONSIN

LO-11
299

No. C-4

PULPING EXTRACTED YELLOW PINE CHIPS

At the present time large quantities of extracted yellow pine chips are produced in the distillation of turpentine and the solvent extraction of pine oil and rosin. These chips are utilized for fuel at the extraction plant and any excess over fuel requirements is a complete waste.

That such chips can be made into a fair grade of pulp which is suitable for making kraft paper or container board has been demonstrated by recent experiments at the Forest Products Laboratory, Madison, Wisconsin.

Only the largest size of chips should be used in order to avoid dust, shives, and small chips which consume chemicals and yield only a small percentage of pulp. The wood should be chipped at the extraction plant into the largest sized pieces compatible with proper extraction. Proper screening of the extracted chips before pulping will be a decided help. It is also important not to tender or burn the chips in the preliminary steam distillation process.