

SILVICULTURE RESEARCH IN M.P.



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PREFACE

Silviculture research, in M.P. started about 80 years ago. With the establishment of the State Forest Research Institute in the state the research work became more systematic and its magnitude expanded. Despite various limitations, significant amount of work was done in the Institute and useful results obtained. However, it is a hard fact that use of the research results in the field was quite meagre. This compilation has been endeavoured with the aim of putting at one place the useful findings of silviculture research conducted in State Forest Research Institute, Jabalpur till the middle of nineties. These may be useful to those practising forestry or tree culture. Also, the people working in the field of forestry research may find useful information in this compilation.

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AUTHORS

INTRODUCTION

Silviculture research in the state of M.P. started as early as 1922. Although the present State Forest Research Institute was established at Jabalpur in the year 1963 but a research cell was in action from 1922 in the CCF's office. The officer in charge of this cell was designated as state silviculturist.

The research cell of the forest department had been conducting experiments on forestry matters since its inception and upto the year of establishment of the present State Forest Research Institute, many important results were obtained from the field trials conducted. A large number of such trials were related to silviculture. The subjects dealt with were natural and artificial regenerations of Sal, Teak and other important species, tending operations, fertilizer trials, choice of species for plantations and some others. After the State Forest Research Institute came into being, work on silviculture research started in a big way.

Documentation of the results of the experiments conducted has been being done in the form of Annual Research Reports and research articles but due to various reasons all the research results could not become known to all the field foresters and so not utilised in forestry practices. The common people were still less aware of the research results obtained from the forestry research trials. This compilation aims to bring at one place all the important and useful results of trials related to silviculture which were conducted in M.P. by either the Forest Research cell or State Forest Research Institute, Jabalpur in the period from 1922 to 1995.

In M.P., another Forest Research Institute, namely, Tropical Forests Research Institute (formally Regional Forest Research Centre) was established (at Jabalpur) in the eighties but no result of the works done by that institute has been included in this compilation. This relates only to the works done by the research organisation of the state forest department.

The approach, here, has been to highlight the contribution made to the silviculture of individual forestry species rather than going subject wise. This will help in knowing about the individual species and also the research gaps and about the less attended species. It is hoped that the compilation will be helpful to the people engaged in forestry practices in the way that they will be able to utilise the research results for their day-to-day needs and get benefit of them.
