काष्ठ विज्ञान एवं प्रौद्योगिकी संस्थान
(भारतीय वानिकी अनुसंधान एवं शिक्षा परिषद)
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No. Test |WBD| 2002|302

दिनांक
Dated, the 5-2-02

To
The Director
ADVANCE AGRISEARCH LTD.
Regd.off: block no 275B
N.H.No.8
Dhamdachi valsad 396 001
Gujarath (India)

Sub: TEST REPORT ON ACCELERATED FUNGUS TEST
    USING Termiguard 20%EC
Ref: - Your letter No.Nil dt. 13.8.2001

    With reference to the above, please find herewith enclosed
the report on the "Accelerated fungus test" using Termiguard 20%
EC supplied by you, for your kind information.

Yours sincerely

(O.K.REMADEVI)
Scientist –D,
Head, WBD

Enclosure: Test report

Test report on Accelerated fungus test using Termiguard-20%EC

With reference to above, rubber wood samples were used for testing the efficacy ofTermiguard 20% EC against wood attacking fungi under accelerated laboratory conditions as per IS 4863 1968 using Agar block method.

Rubber wood blocks were soaked for 24 hours with supplied composition. About 25% absorption was observed. The testing fungi used were *Coriolus versicolor*, L& Fr. Fri.165, *Coriolus hirsutus* wulf ex Fr. Fri.715 9(White rotters) and *Tyromyces palustris*, Berk& curt Fri. 528, *Polyporus meliae* undrew Fri. 836(Brown rotters).

Rubber wood is highly degradable by wood rotters and without any treatment weight loss is about 40%-60% when exposed to decay fungi .Wood blocks treated with Termiguard 20% EC did not allow the fungus to grow in the culture bottles and whatever the growth obtained was suppressed by the treated blocks. There was no weight loss observed in treated wood blocks and the treated blocks can be classified under highly resistance class (Bakshi 1967)

So treatment of Termiguard 20% EC is very effective in controlling fungal attack.