

ETHANEDINITRILE (EDN): A NEW FUMIGANT FOR PHYTOSANITARY TREATMENT OF NEW ZEALAND EXPORT LOGS – AN UPDATE

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For the last four years, we have been gathering a comprehensive dataset to support the registration of EDN in New Zealand as a phytosanitary treatment for export pine (*Pinus radiata*) logs. We have now (a) identified the most tolerant species/life stage, out of the three species most commonly associated with New Zealand export logs species, (b) determined the sorption/desorption characteristics of EDN when used to treat pine logs, (c) measured concentrations of EDN during and after a commercial fumigation of pine logs with EDN and (d) identify and quantify the gases which remained in the treated space at the end of EDN fumigation. The results of our ongoing research will be discussed in this presentation.