

# PLANT DIAGNOSTIC REPORT

3<sup>rd</sup> June 2014

**Client:** Savernake Barn, Stokke Common, Great Bedwyn, Marlborough, Wilts, SN8 3LL

**Bartlett Office:** Fosse Cross Industrial Estate, Fosse Cross, Cheltenham, GL54 4NW

**Bartlett Representative:** Mr Brian Robinson

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## DIAGNOSIS:

Your leaf sample was examined by the diagnostic staff of the Bartlett Tree Research Laboratory. Microscopic examinations revealed a significant number of insect feeding on the sample these included: scale insects (*Unaspis euonymi*), conifer spinning mite (*Oligonychus ununguis*) and conifer shoot minor (such as *Argyresthia dilectella*) symptoms. Primary damage to plants results from the effects of feeding upon young tissue, which weakens and distorts new growth. Heavy feeding will injure leaf cells leading to premature defoliation and a loss of plant vitality. If complete defoliation occurs the plant may die.

## REMEDIAL TREATMENT RECOMMENDATIONS:

If possible Prune dead and heavily damaged twigs back to healthy wood.

A soil drench or injection using the insecticide Admire in February/March or October/November will provide a high degree of control over the following growing season.

Alternately spray with a combination of 1% spray oil plus the residual insecticide Bandu to kill existing scale populations during spring and summer. A winter wash using a 1% spray oil again in combination with the residual insecticide Bandu on fully dormant trees to kill overwintering eggs will be of benefit.

Investigate the possibility that another stress (i.e. planting too deep, waterlogging, drought etc.) has caused the decline and subsequent susceptibility of the tree to these pathogens.

**Diagnostician:** Mr Jon Banks BSc (hons.)