Seeding Legumes Following Wildfire
and Its Effect on Crop Tree Performance

Trial: SX 86109V

Final Notes

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Results

The trial was remeasured on October 21, 1987. On the north-facing setting legumes (white clover and bird's foot trefoil) were found only in four subplots of plot 1, with only one subplot having cover of over 1%. The surviving plants were situated in moister microsites. Very few had flowered and most were browsed. On the south-facing setting no legumes were found.

In the operationally seeded area we again observed the sparse (2-3% total cover) and spotty (entirely in moist microsites) pattern of legume distribution. Most of the established legumes were white clover which grew in clumps and had flowered. Many of the bird's foot trefoil had set seed bodies. Browsing was observed on all clumps. We did not find a single surviving sub-clover.

Conclusion

It is apparent that the trial has failed and we see no need for further remeasurement. The recommendations from the first year report should be taken in consideration before initiating large-scale seeding projects, especially where prolonged moisture deficits are a site feature.