

El contenido de nitrógeno alocado por las especies de las leguminosas estudiadas en la biomasa subterránea puede llegar a ser un componente importante en la acumulación de nitrógeno en sitios con estados sucesionales tempranos especialmente si la concentración inicial de nitrógeno en el suelo es muy baja como ocurre donde vegetan las especies en estudio.

Las especies estudiadas mostraron que son afectadas en la germinación, supervivencia, el crecimiento y número de hojas, producción de biomasa tanto aérea como subterránea por la humedad del suelo pero mostraron caracteres genéticos adaptativos y una plasticidad, para tolerar el déficit hídrico, como la reserva de yemas en la corona y en el rizoma, además, características funcionales y morfoanatómicas que les permitirían un crecimiento reducido, pero que posibilita la persistencia de las especies aún con los potenciales hídricos más negativos utilizados en el presente estudio.

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