

REGENERACION DE LA PRADERA NATURAL



**USO DE MEDICAGO SATIVA
BAJO SISTEMA DE CERO LABRANZA**

AGENTE BENIFICIADO

Ganadera Cerro Guido
Ganadera Morro Chico
Estancia Kark
Complejo Torres del Paine



GOBIERNO DE CHILE
FUNDACIÓN PARA LA
INNOVACIÓN AGRARIA

NECESIDADES DE LA PRODUCCION

- AUMENTO DE LA CARGA ANIMAL INSTANTANEA DURANTE LA ENGORDA
- DISMINUCION DEL TIEMPO DE ENGORDA
- AUMENTO DE PESO PROMEDIO DE CANALES DE CORDERO
- AUMENTO DE LA PRODUCCION TOTAL DE CARNE DE CORDERO DESDE LA XII REGION



- MEJORAR EL BALANCE FORRAJERO ANUAL
(ENCASTE – ULTIMO TERCIO DE GESTACION-
PRIMER TERCIO DE LA LACTANCIA)
- MEJORAR FERTILIDAD EN EL PRIMER PARTO
- CONSERVAR FORRAJE

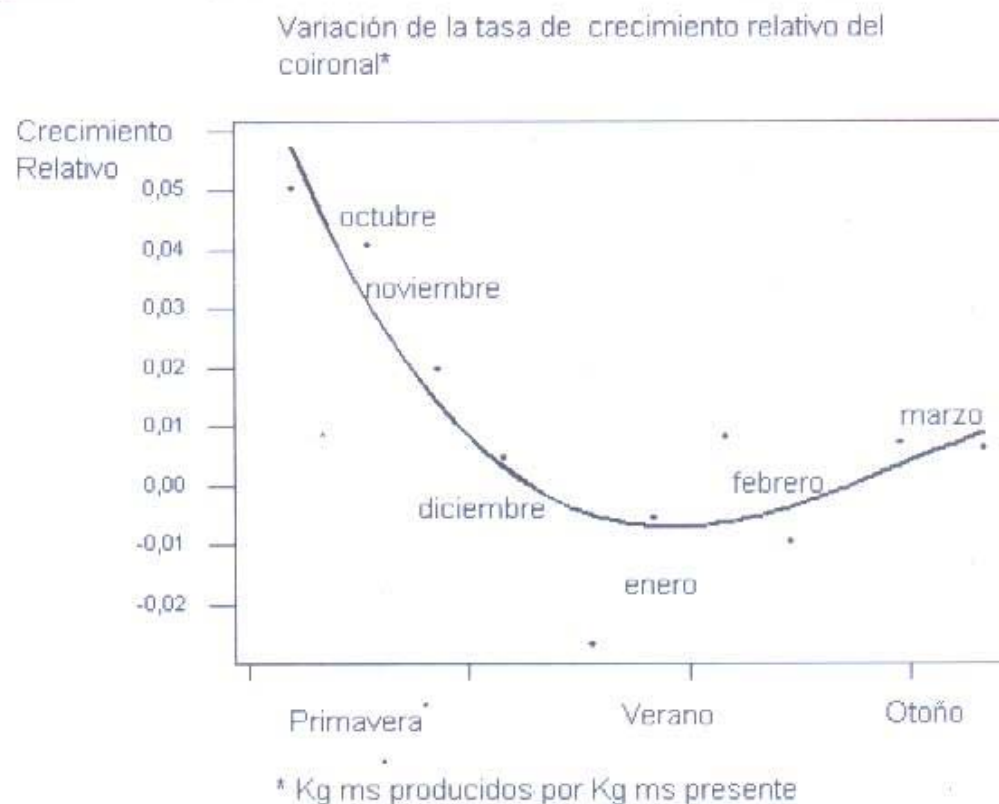


EQUIPO TECNICO DEL PROYECTO

- CRISTIAN MATETIC, Ing Agrónomo, Coordinador.
- NICOLAS SIMUNOVIC, Ing Civil, Coordinador Alterno.
- GUSTAVO CUBILLOS, Ing Agrónomo, PhD Nutrición Animal.
- RODRIGO ALLENDE, Med Veterinario, MSc Análisis de Sistemas.
- DANIEL DELORENZO, Ing Agrónomo, Praderas.

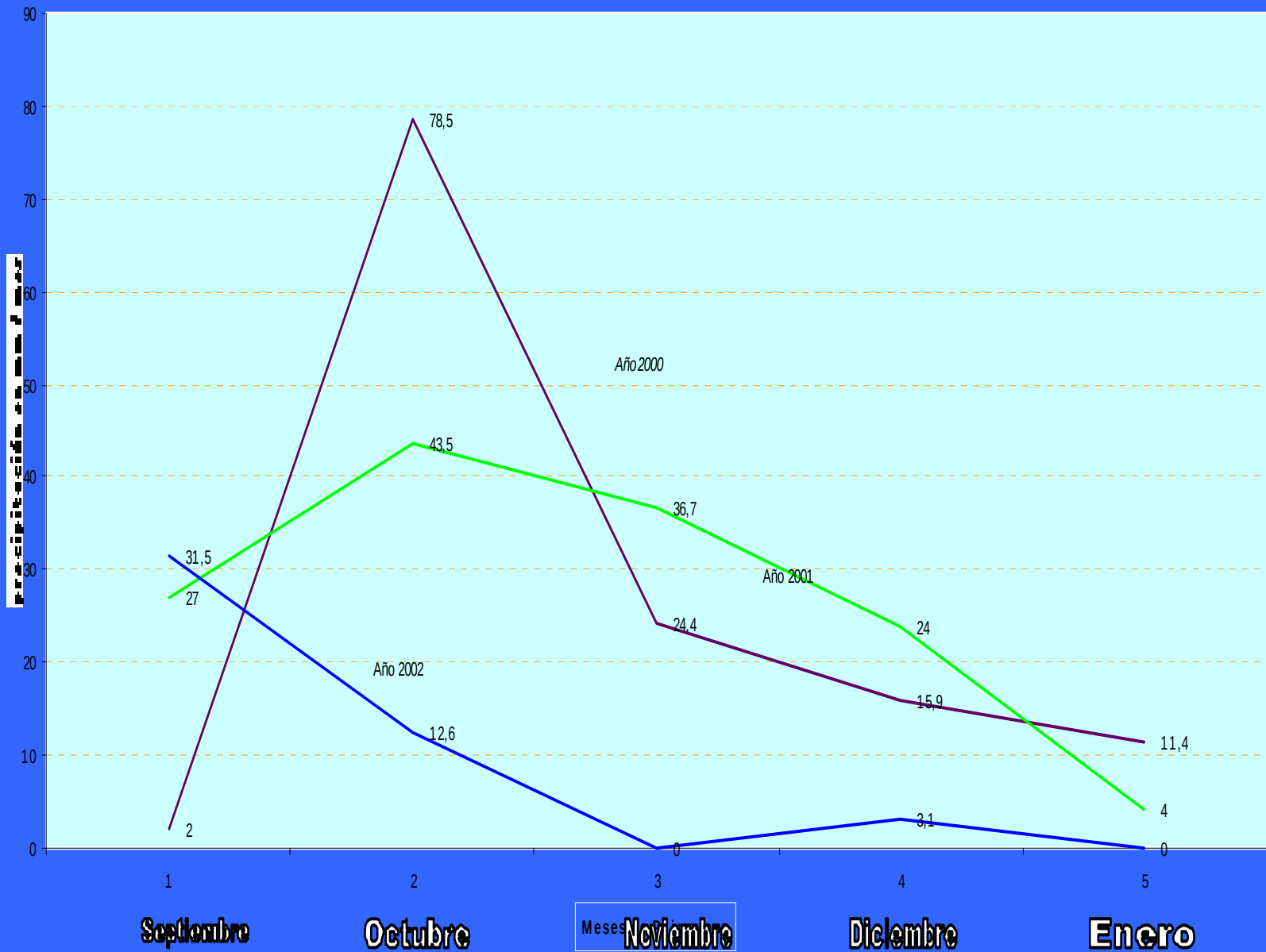


Figura 2: Variación de la tasa de crecimiento diario en el coironal.



Covacevich, N. Informes Técnicos INIA Kampenaike 1980

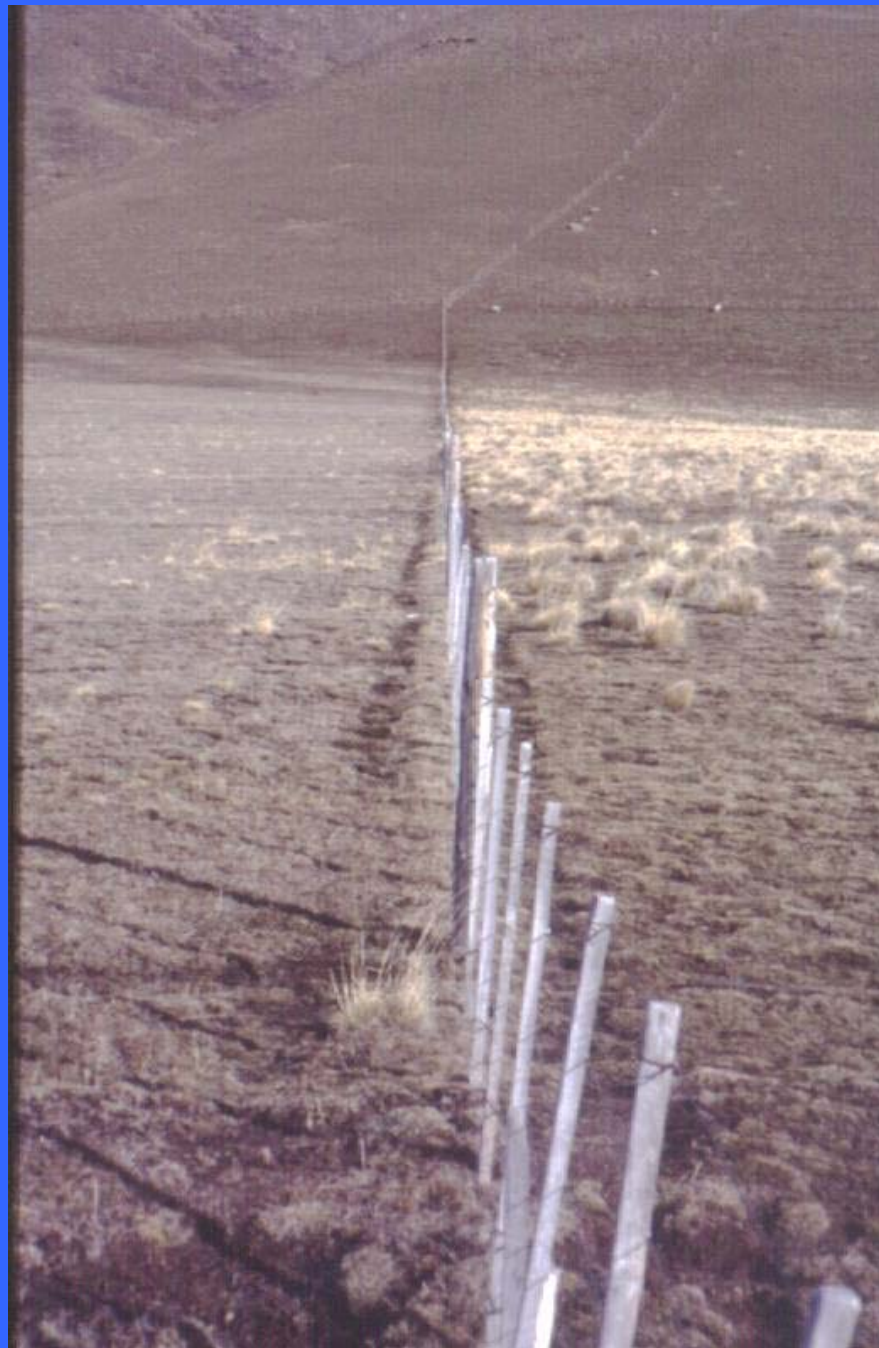
Pluviometría Primavera











Dormancy/activity of lucerne



Winter dormant



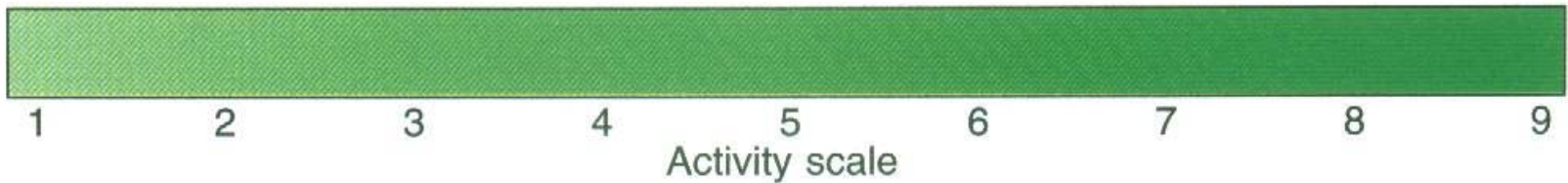
Semi-winter dormant



Winter active



Highly winter active



1

2

3

4

5

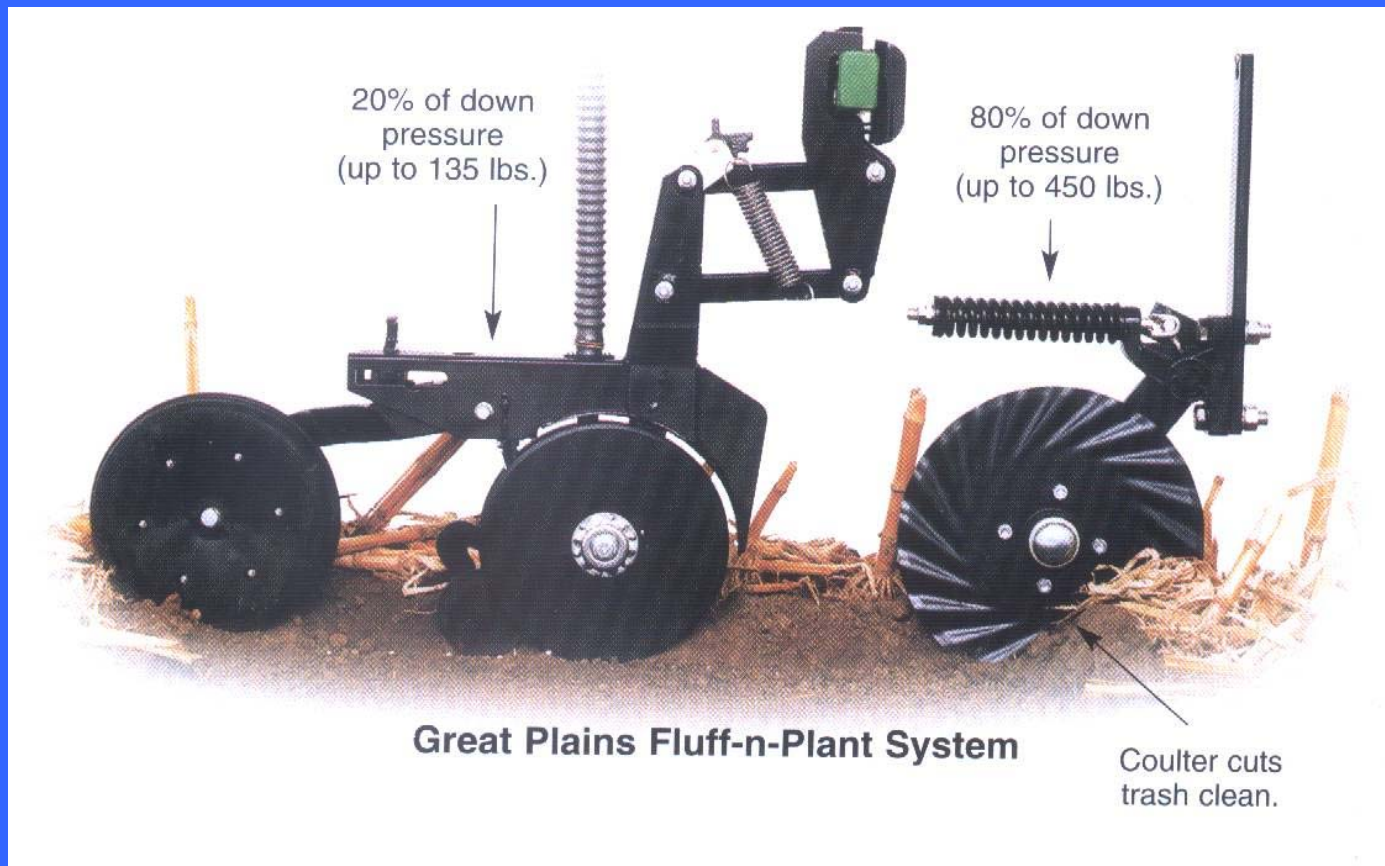
6

7

8

9

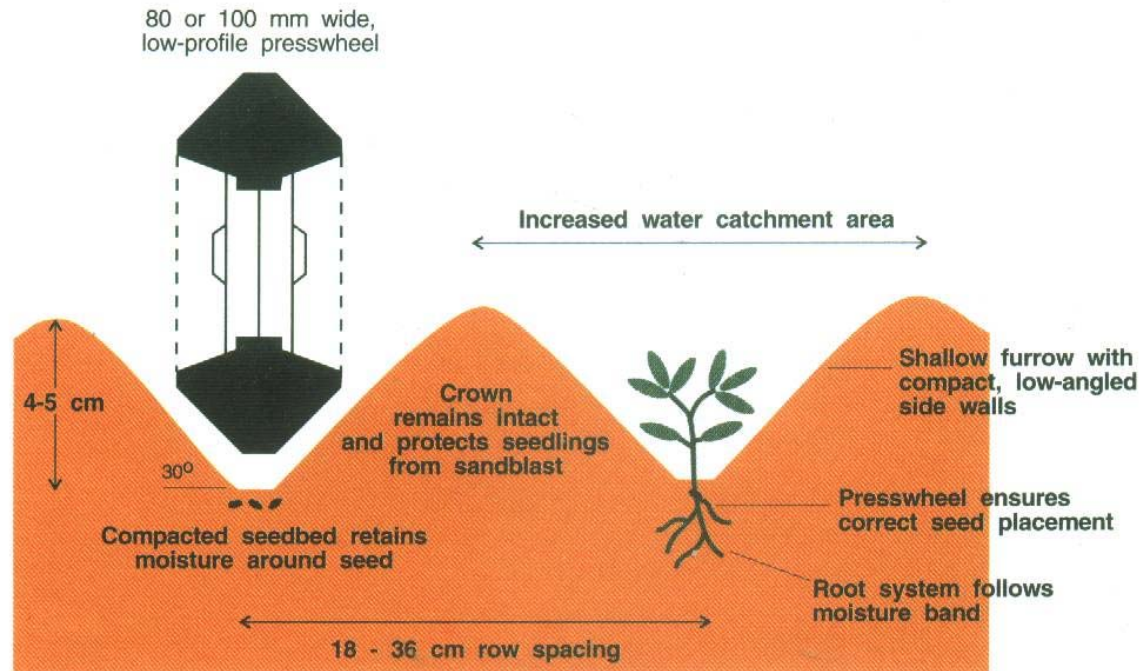
Activity scale



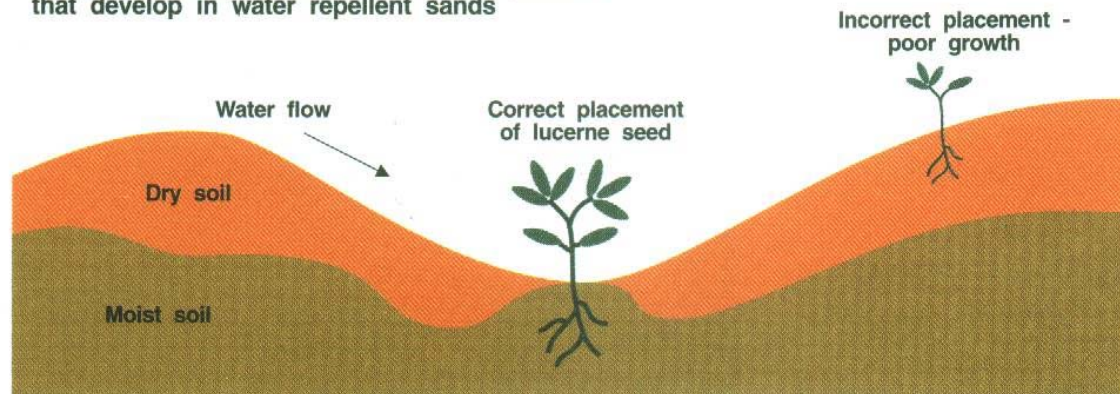


7' & 10' End Wheel No-Till

Seed placement and presswheel set-up on non-wetting sands



Correct seed placement and moisture patterns that develop in water repellent sands





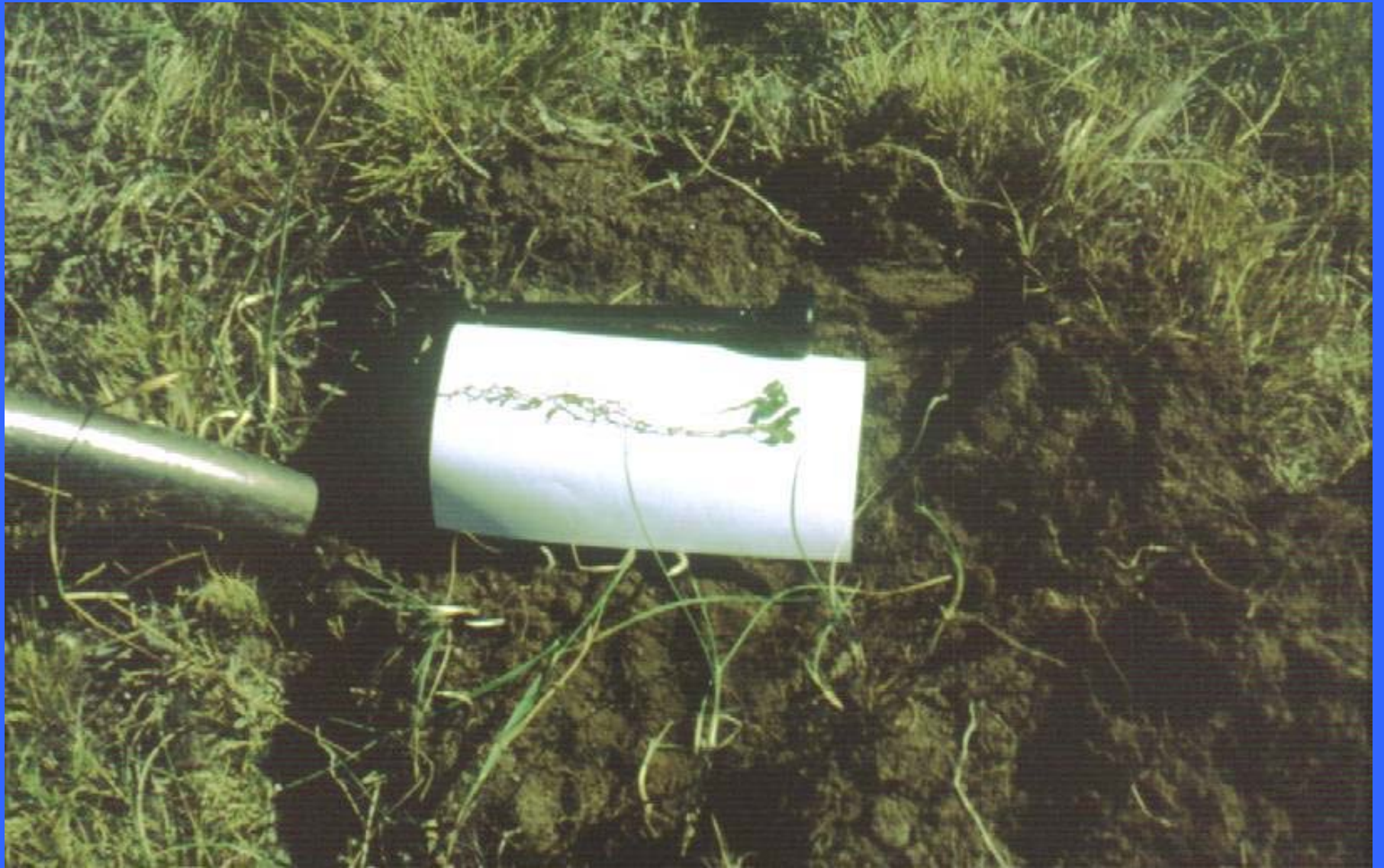












Guide to optimum lucerne plant densities following establishment



<1 plant/m² – Failure



1 - 3 plants/m² – Poor stand, but in a dry season will be nearly as productive as a thick stand.



4 - 7 plants/m² – Moderate stand, but will not be capable of top production in a wet year. Will not provide good weed competition.



8 - 12 plants/m² – Good stand, particularly in lower rainfall districts (300-370 mm annual rainfall). Capable of delivering near top production in a wet year.

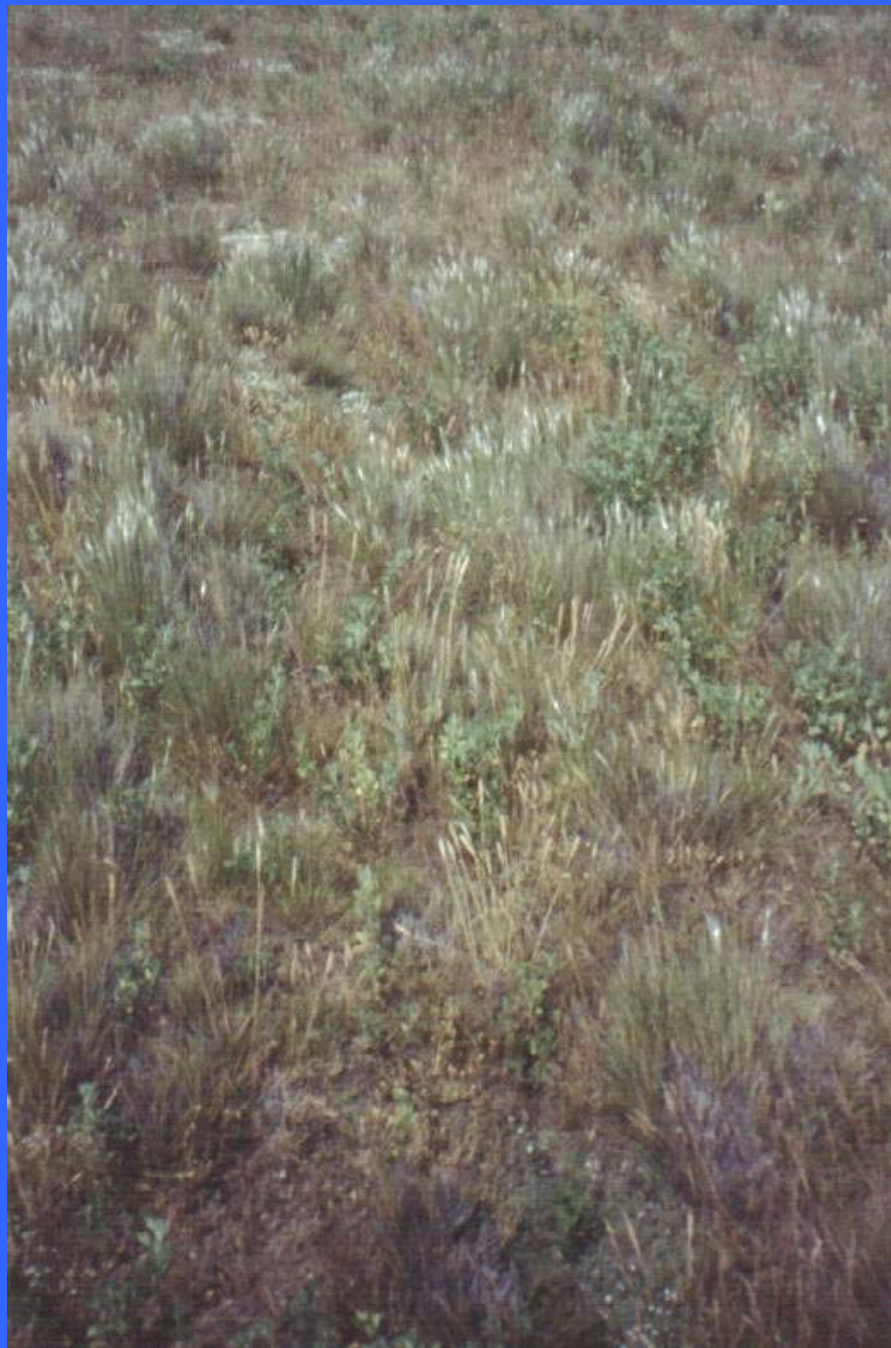


12 - 20 plants/m² – Very good stand, high quality pasture, very competitive with weeds. Aim to maintain this density in 450 mm+ annual rainfall areas.



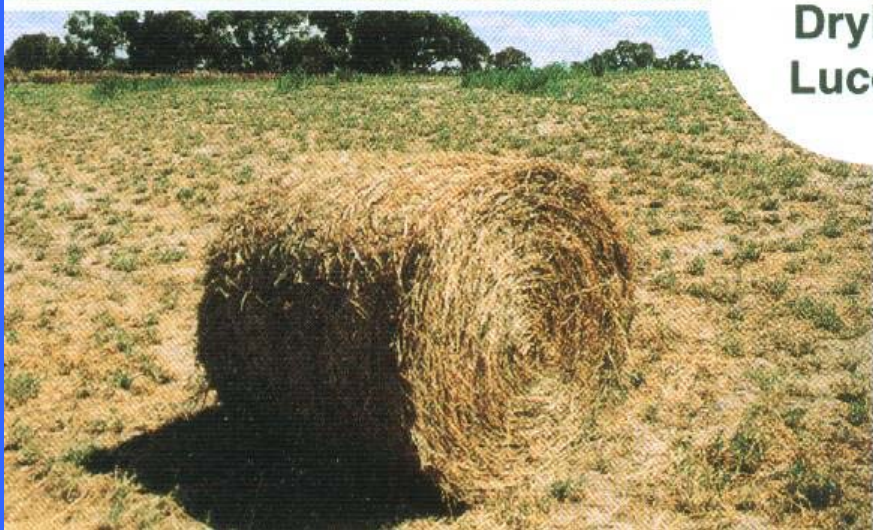
20+ plants/m² – Excellent stand, high quality pasture. Will outcompete most weeds. Caution with bloat.

Lucerne production per hectare will increase with plant density, even though individual plant size decreases.









**Success
with
Dryland
Lucerne**





