# The Introduct and Comparision Experiment of Clover

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**Key words** : clover ,introduction ,comparision ,production of fresh grass ,Guizhou

**Introduction** The clover is one of the high quality forage widely distribution and utilization all over the world . It is also a very important and primary species of forage crop and lawn in Guizhou province . So , we did the introduction and comparision experiment of clover in Gui zhou .

**Materials and methods** The materials of experimental clover come from grassland station of Guizhou province , which is original introduced from the American section of DLF company . These clover are : strawberry clover , red clover , white clover , trifolium incarmatum , arrowlesf clover .
The experiment used the arranged of random . It was did three times to repeat . The area of district is $2\times1.5=3m^2$ , the spaced is 30cm .

Determination phenology ;Plant height determination plant height before mowing .one species have three times , every time observed 5 strains ;Determination fresh and dry weight . The area of measurement is each half of district .Each time test mowing at squaing and the early flowering stage , converted into per hectare yield .dry than fresh = fresh-air-dry weight/total fresh × 100% .

**Results analysis**
1 . Phenophase
All clovers also sowed on spetember 16th 2000 . In addition to the emergence of strawberry clover is on October 7th 2000 yeas , that the emergence of four clovers is on spetember 16th 2000 yeas . Mycobacterium period is November 8th 2000 years .
2 . The ratio of dry matter to fresh crop
Dry than fresh of 5 clovers about is 5 ∶ 1 , the minimum is red clover 4 .21 ∶ 1 , the maximum is Trifolium incarmatum 5 .79 ∶ 1 .
3 . Forage yield
Basically , yield and plant height comparison that plant height were positively correlated with the yield .That plant height is higher ,the yield larger . Eg Trifolium incarmatum , plant height is about 30cm ,the production is about 19 .34t/$hm^2$ ;But plant height of red clover is about 15cm , the production only is 2t/$hm^2$ .

**Conclusions** The results showed that red clover and trifolium incarmatum are very species at Dushan . Red clover and trifolium incarmatum not only the production are higher , but also Anti-pest are good . They are good specise at Dushan .

Due to the restriction of objective conditions , testing only observed for a year , in subsequent years the Yield traits such as pest and disease resistance and to be further observation and research .