A Big Earth Data Platform for Three Poles

**Coupling model of grass and livestock in Qilian Mountains and its optimal allocation results**

1、Description

In this data set, the effects of different proportions of oat grass and natural grass on digestion and metabolism of grazing Tibetan sheep in summer were studied with four proportions of oat grass and natural grass in Qilian alpine meadow. It includes dry matter (DM), organic matter (OM), crude protein (CP), crude fat (EE), neutral detergent fiber (NDF) and acid detergent fiber (ADF) intake and digestibility of grazing Tibetan sheep. Through the analysis of data, the natural forage in summer can meet the growth and metabolism of Tibetan sheep, and it is not suitable to feed oat grass.

2、Keywords

Theme：Grassland ecosystem,forage and livestock coupling,Grassland,Grassland  
Discipline：Terrestrial Surface  
Places：QilanMountains  
Time：2019

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.23MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：39.2 | - |
| west：95.0 | - | east：103.0 |
| - | south：36.0 | - |

5、Time frame:2019-06-30 16:00:00+00:00--2020-01-01 03:59:59+00:00

6、Reference method

References to data:

PENG Zechen. Coupling model of grass and livestock in Qilian Mountains and its optimal allocation results. A Big Earth Data Platform for Three Poles, doi:10.11888/Terre.tpdc.2726662022

References to articles:

7、Supporting project information

Pan-Third Pole Environment Study for a Green Silk Road-A CAS Strategic Priority A Program  
Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

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