A Big Earth Data Platform for Three Poles

**Observation dataset of maize photosynthesis in the irrigating areas of the midstream of the Heihe River Basin (2012)**

1、Description

This data is based on the observation of corn in the middle reaches of heihe river irrigated area. The observation instrument is licor-6400 XTR and the site is selected near the HiWATER combined test superstation.The photosynthesis parameters of maize were observed through uncontrolled experiments and controlled experiments (controlling carbon dioxide and light intensity) from June 22, 2012 to August 24, 2012.

2、Keywords

Theme：Photosynthesis,Vegetation  
Discipline：Terrestrial Surface  
Places：Heihe River Basin, Middle Reaches of Heihe River Basin  
Time：2012

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：3.17MB

4.Data format：EXCEL

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.85551 | - |
| west：100.37223 | - | east：100.37223 |
| - | south：38.85551 | - |

5、Time frame:2012-06-30 06:37:00+00:00--2012-09-01 06:37:00+00:00

6、Reference method

References to data:

PENG Hongchun, YANG Bao, LI Yanhui. Observation dataset of maize photosynthesis in the irrigating areas of the midstream of the Heihe River Basin (2012). A Big Earth Data Platform for Three Poles, doi:10.3972/heihe.052.2014.db2014

References to articles:

7、Supporting project information

8、Data resource provider

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