May
June
July
August
September
October
November
ET
Precipitation
Precipitation - ET
Heilongjiang
Jilin
Inner Mongolia
Liaoning
Xinjiang
Gansu
Beijing
Tianjin
Hebei
Shanxi
Ningxia
Shandong
Qinghai
Shaanxi
Henan
Jiangsu
Tibet
Anhui
Shanghai
Sichuan
Chongqing
Hubei
Zhejiang
Jiangxi
Guizhou
Hunan
Fujian
Yunnan
Guangxi
Guangdong
Hongkong
Taiwan
Hainan
Macao
Border
Uncertified Border
Coastline
province
South China Sea Islands
0 250 500 1,000 Km

Figure S1. The difference between precipitation and water demand for sweet sorghum. The figures in the right column indicate the ET of sweet sorghum during growth from May to December. The figures in the middle column are the precipitation in each month. The figures on the left represent the difference between precipitation and ET of sweet sorghum in each pixel.