

IMPACT OF STRENGTHENING AGRICULTURE IRRIGATION PROJECT ON DE-SALT OF SOIL IN ALKALINE SOIL

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The agriculture production in region of Yellow river, Huai river and Hai river is subject to the salinization of soil. This paper assesses the environmental impact of strengthening and improving agriculture irrigation facilities project on de-salt of soil according to the distribution characteristics of alkaline soil, environment of salineable soil area and various potential factors of induced soil salinization. The protection measures is put forward by author. The major aspects are described as follows: 1. To ascertain distribution of alkaline soil and induced soil salinization in project area; 2. To assess the climate, landform and physiognomy, situation of groundwater and characteristics of soil etc. in project area so as to determine the natural factors of forming soil induced salinization; 3. To review the impact of drainage, irrigation facilities, water getting method, irrigation water quality etc. in project area on soil salinization; 4. To evaluate the effect of project implementation on de-salt in alkaline soil region and 5. To put forward protection measures for soil induced salinization.