

ヨルダンにおける冬コムギを用いた 補給灌漑の水生産性の評価

*Assessment of wheat water productivity under
supplemental irrigation condition in Jordan*

Agricultural issues in Jordan

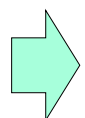
- Semi arid area → Serious water shortage
- 75% of agricultural land is rain-fed
→ Big impact of drought on agricultural
production

One of the solutions is,

Supplemental Irrigation

Outlines of the study

Irrigation } 3 pattern
Winter wheat } 10 varieties assess WP



Proposal of best combination of
irrigation pattern and wheat varieties

ナイジェリアにおける土地改良事業と用水 管理に関する考察

*Land and water improvement projects and water
management system in Nigeria*

Agricultural issues in Nigeria

- Future water shortage by population growth
→ effective use of irrigation water and fair
distribution of irrigation water
- Irrigation management transfer from Govt.
to farmers → reduce the management cost

PIM(Participatory Irrigation Management)

Positive participation of irrigation water management
by farmers

Outlines of the study

Comparative analysis between Nigerian and
Japanese cases in terms of institution of water
management, water allocation plan, and O&M of
irrigation facilities → Recommendations