

Rice Development to Support the Green Revolution in Africa Through CARD Phase 2 (Coalition for African Rice Development Phase 2)

KUBOTA Corporation



- A. Corporate Profile
- B. Merit of Agricultural Machines
- C. Agricultural Machines in rice sector
- D. KUBOTA's strategy on rice machines

For Earth, For Life



A. Corporate Profile of KUBOTA

Feature No1 rice machinery

manufacture in the world

Established 1890 year

Revenue US\$16.6 billion

(consolidated)

Employees 43,293 persons (consolidated)

Global expansion Over 120 countries

Overseas sales 73 %



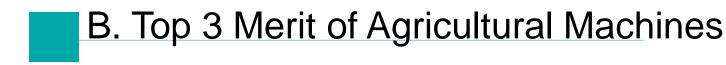
Head Office building (Osaka)

Head Office in JAPAN

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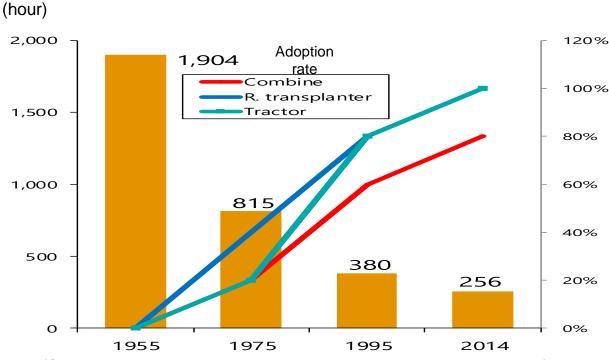
(as of December 31, 2021)



- 1. To decrease the cost of rice production than manual.
- 2. To minimize labor time of rice cultivation drastically.
- →Rice farmers can work for other agricultural tasks or jobs.
- 3. To cultivate rice field and harvest rice at best timing.
- →The rice will be sold at good price because of delicious and good quality.

(Reference) Improvement on Productivity for rice production in Japan

Working hours / ha



(Sources: Ministry of Agriculture, Forestry and Fisheries of JAPAN)

Agricultural Machines in rice sector (1)





Combine Harvester



Power tiller



Rice Trans Planter



Agricultural Machines in rice sector (2)

KUBOTA DIESEL ENGINE can fit local Pumps and Threshers.





<Engine Rice Thresher>









C. Agricultural Machines in rice sector

- 1. Tractor and power tiller can cultivate rice field at best timing, immediate before rainy season.
- 2. Combine harvester can harvest paddy rice at best timing. Moreover harvest loss by manual harvesting is 12%, however, harvest loss by combine harvester is only 3 %.
 - Combine harvesting makes rice production around 10% up than manual harvesting.
- 3. Engine pump can pour water into rice field at necessary timing.
- 4. Engine rice thresher is necessary for small rice farmer.

D. KUBOTA's strategy of rice machines in Africa

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KUBOTA Strategy(1) (History in Africa)

- Export
 1989 Began export of tractors to Africa
- 2) KUBOTA continue establishing new distributors in Africa.

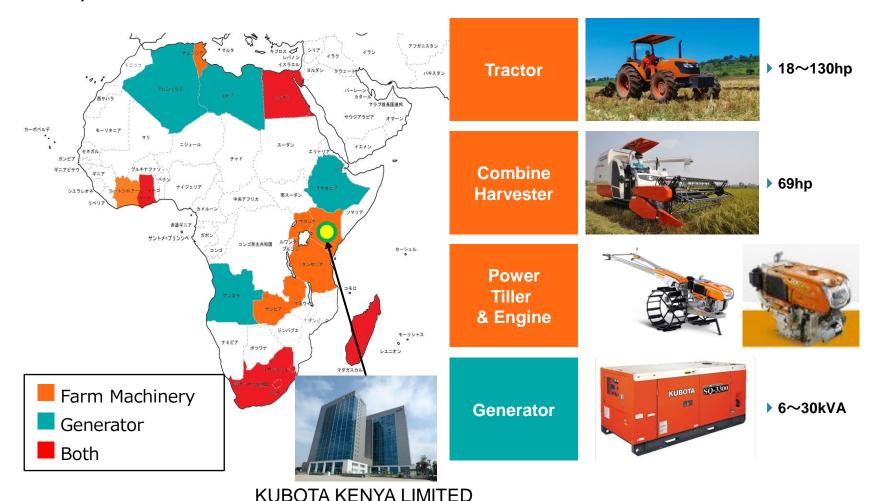
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<Sales Distributor (for agricultural machinery)>
1989 Established Distributor in South Africa, Egypt, Tunisia
2013 Established Distributor in Kenya, Madagascar
2014 Established Distributor in Uganda
2015 Established Distributor in Zambia
2016 Established Distributor in Tanzania
2020 Established Distributor in Cote d'Ivoire
2021 Established Distributor in Ghana
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3) Marketing Company in Sub-Sahara Africa 2017 Established "KUBOTA Kenya Limited for Africa"



KUBOTA Strategy (2) (Sales Network)

1) KUBOTA Sales Network in Africa





KUBOTA Strategy(3) (in Future)

1) To expand African countries

If possible, year by year KUBOTA would like to expand African countries which we will introduce our rice machines because recently many African countries are going into **the first step of mechanization** in rice sector. Nobody can stop this meccanization currency because of **the essential way to prosperity for even small rice farmers**.

2) To help small rice farmers through farm work contractors

Nowadays even small rice farmers easily can make use of rice machine rental service with a operator from farm work contractors.

Presently 50 % of tractors and 80 % of combine harvesters are owned by contractors.

Their main customers are small and middle size farmers.

* In such a mechanization currency, we, KUBOTA would like to continue contributing to meccanization in African rice sector with all our force.

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Thank you your listening!

KUBOTA Corporation