

## Environmental conservation measures in our office

### Promotion of recycling activities

We abolished the garbage boxes in Tokyo head office. We put collecting boxes on each floor in the office. We collect 95.2 tons of used paper per year in the office, and reuse 70.9 tons of them by thorough separate collection. ( photos above right )

### Light clothes activities in summer

For three months, July to September, light clothes activities such as non-tie and non-jacket activities are recommended in our offices in order to save energy by reasonable air conditioning ( set up temperature being around 28 degree centigrade ).



Saving energy diagnosis in our head office building

## Green procurement and purchasing

We at Kubota joined the Green Procurement Network in 1996. And we have been promoting green procurement in which the environment-friendly products should take priority over other products.

We drafted green procurement guideline regarding raw materials and parts in April 2001, considering supplier- and product-standards totally when procured.

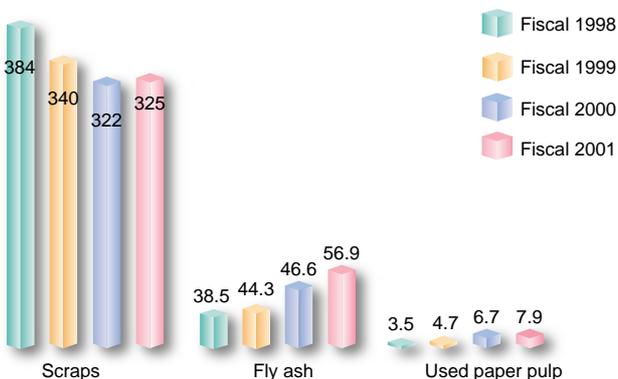
In November 2001, we drafted green procurement promotion standards regarding specific procurement items in the Law on Promoting Green Purchasing, and now are intend to purchase the products which meet the judging standards in the law. We are constructing the system which can calculate the amount and rate of green procurement.

Our green procurement guideline can be seen on our home page of materials procurement.

<http://www.procure.kubota.co.jp/housin/index01.html>



The amount of recycled materials procured ( thousand ton )



Benri-net



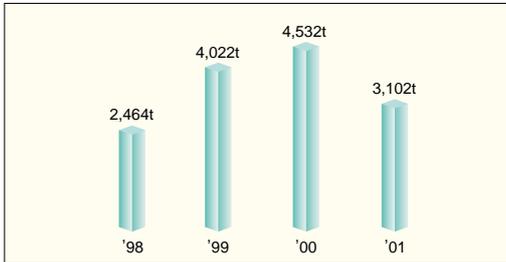
## Environmental conservation measures at the contribution stage

### Tackling the reduction of carbon dioxide emission by rationalizing contribution

In order to reduce the emission of carbon dioxide and air pollutants in transportation, we are tackling the improvement of transportation efficiency such as promotion of modal shifts in which we change our transportation means into railways and ships, cooperative transportation and distribution, and use of returning trucks and so on. We are also tackling the waste reduction by reduction of packing material, and the carbon dioxide reduction when producing and disposing of packing material.

The rate of modal shifts was 35% in fiscal 2001. We reduced 3,102 tons of carbon dioxide emission, including the improvement of distribution system, and packing and crating system. (The reduction of costs totaled to 848 million yen.)

#### Amount of carbon dioxide reduction



#### Examples of environment-concerning activities at the distribution stage

- ① An example of the reduction of carbon dioxide emission by modal shift We have changed the transportation of segments from trucks to ships.



Loading segments in the ship

Effect: We reduced energy equivalent to 49.63 kl in kerosene conversion, or 131 tons of carbon dioxide emission by the modal shifts in the shipments from Okajiam plant.

\* We calculated it thinking coefficient of carbon dioxide emission to kerosene to be 2644 kg-CO2/k l .

#### We sell a various kinds of products to the companies and consumers.

The packing of these products is various. Almost all products are shipped with the packing that has no relation to the law. We grasped the total amount of the packing, relating to the law, for our products in fiscal 2000 following the previous year. As a result, the amount of plastic packing and paper packing used were approximately 300 ton and approximately 690 ton respectively.

- ② An example of controlling generation of waste packing material ( environmental- load- reducing packing )



The comparison of conventional packing with ecological packing

Effect: We reduced 5.4 kg of packing material per pallet. ( about 410 ton a year )

- ③ An example of crate improvement for tractors exported



Wooden crate

Steel crate

Effect: We reduced the amount of waste in our customers, and made unpacking easy, by changing crate from wood to steel. Coping with the Law for Promotion of Sorting and Recycling of Containers and Packaging

However the amount of wastes discharged as municipal solid wastes is extremely small, because almost all products were shipped to the dealers, or were unpacked at the distribution stage. We positively and continuously promote our activities changing to recyclable materials to construct recycling-oriented society, and reducing containers and packaging to prevent global warming.