

## Recovering waste materials in pineapple processing



### Cleaner production

A Pollution Management Appraisal (PMA) was conducted for Del Monte Philippines, Inc., to minimize wastes, conserve resources, reduce environmental risks and improve process efficiency. One of the waste minimization options implemented was the installation of collection pans in the fruit preparation and trimming tables. At the time of the appraisal, these pans were installed in only two pilot tables. However, because of the success of the pans, they have now been installed in all the fruit preparation and trimming tables.

In addition, Del Monte introduced improved monitoring and supervision which recovered more than 60 kg an hour of lost pineapples, worth \$24 000 a year.

### Enabling technology

Collection pans or dripping pans were installed in the fruit preparation and trimming tables to collect fruit drops and

### Economic benefits

	US\$/year
<b>Net savings from increased juice</b>	<b>24 000</b>
<b>Capital investment</b>	<b>17 800</b>
<b>Payback period</b>	<b>9 months</b>

Improved monitoring and supervision saved a further \$24 000 a year.

juice drips. The pans are located underneath the tables to catch the fugitive juice drops and drips from the handling of the decored fruit.

### Advantages

- ❖ juice savings amounting to more than 55 litres an hour
- ❖ the installation of these pans has addressed the employees' concern that the drops are acidic and may have affected the employees' skin and clothes.





## Country

The Philippines

## Industry

Food processing

## Company background

Del Monte Philippines, Inc., is one of the largest producers of processed pineapples in the Philippines. The company currently produces an average of 1459 tonnes of canned pineapple per day. Del Monte has more than 3800 employees.

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