



# Changing Landscape

Orangutans are losing much of their rainforest habitat. People are cutting down rainforests so they can plant oil palms. These plants produce palm oil, which is used in foods, cosmetics and fuels. Demand for palm oil has grown around the world. This activity will help you learn more about palm-oil production in Indonesia, the home country of many orangutans.

**Total area of mature oil palms in Indonesia**

Year	1998	1999	2000	2001	2002	2003
Total Area	1,829,385 hectares	2,023,380 hectares	2,209,680 hectares	2,466,855 hectares	2,735,775 hectares	2,939,085 hectares

SOURCE: WWW.POE.CO.U./RESOURCE/REPORTS/GREASY\_PALMS\_BUYERS.PDF

- Using the chart above, make a line graph on a separate sheet of paper showing how the number of hectares of mature oil palms changed between 1998 and 2003.
- How many more hectares of mature oil palms were there in 1999 compared with 1998? \_\_\_\_\_  
\_\_\_\_\_
- Between which two years did the number of hectares of mature oil palms increase the most? By how many hectares? \_\_\_\_\_  
\_\_\_\_\_
- Look at your line graph. What trend do you see in the number of hectares of oil palms over time? \_\_\_\_\_  
\_\_\_\_\_
- What effect can you predict this trend has on the orangutan population? \_\_\_\_\_  
\_\_\_\_\_
- What can YOU do to help save orangutan habitat? \_\_\_\_\_  
\_\_\_\_\_



# Changing Landscape

Orangutans are losing much of their rainforest habitat. People are cutting down rainforests so they can plant oil palms. These plants produce palm oil, which is used in foods, cosmetics and fuels. Demand for palm oil has grown around the world. This activity will help you learn more about palm-oil production in Indonesia, the home country of many orangutans.

Total area of mature oil palms in Indonesia

Year	1998	1999	2000	2001	2002	2003
Total Area	1,829,385 hectares	2,023,380 hectares	2,209,680 hectares	2,466,855 hectares	2,735,775 hectares	2,939,085 hectares

SOURCE: WWW.POE.CO.U./RESOURCE/REPORTS/GREASY\_PALMS\_BUYERS.PDF

- Using the chart above, make a line graph on a separate sheet of paper showing how the number of hectares of mature oil palms changed between 1998 and 2003.
- How many more hectares of mature oil palms were there in 1999 compared with 1998? **There were 193,995 more hectares of mature oil palms in 1999 compared with 1998.**
- Between which two years did the number of hectares of mature oil palms increase the most? By how many hectares? **The number of hectares of mature oil palms increased most between 2001 and 2002. It increased by 268,900 hectares.**
- Look at your line graph. What trend do you see in the number of hectares of oil palms over time? **The number of hectares of mature oil palms has increase over time.**
- What effect can you predict this trend has on the orangutan population? **Orangutan populations will decline.**
- What can YOU do to help save orangutan habitat? **Answers will vary**