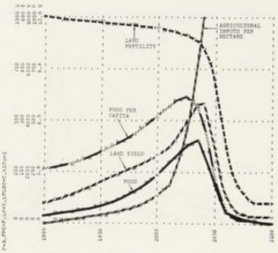
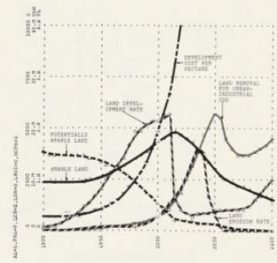


A. The behavior of land yields and food production

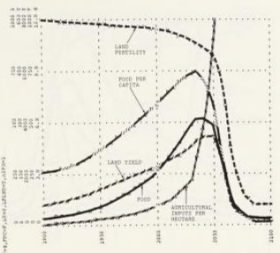


B. The behavior of arable land

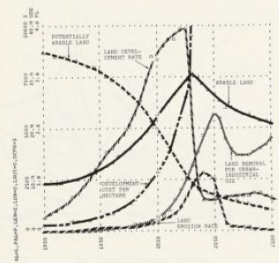
Figure 4-75 Run 4-6: sensitivity test with a 25 percent decrease in the estimate of the value of potentially arable land total

a slightly higher value than in the standard run but at a lower value than in the sensitivity run without the compensating increase in development costs. Total food production F also peaks at a higher value than in the standard run but at a lower value than in the sensitivity run without the compensating increase in development costs.

Note that when the sensitivity test of Run 4-5 is adjusted to track historical



A. The behavior of land yields and food production



B. The behavior of arable land

Figure 4-76 Run 4-7: sensitivity test with a 35 percent increase in the estimate of the value of potentially arable land total and development costs adjusted to maintain historical behavior

behavior, the resulting behavior (Run 4-7) more closely resembles that shown in the standard run. Thus if no new mode of behavior appears in a simple sensitivity test such as Run 4-5, where the model is not even adjusted to track historical behavior, one might expect that no new mode of behavior will appear in a more rigorous sensitivity test such as that shown in Run 4-7, where the behavior of the model is