Theorem 4.1. *For any $0 < \delta < 1$, any $\lambda > 1$, and any $p(\cdot), p_f(\cdot)$, let $R = 17$, $\kappa_f(\kappa) = 2q(\kappa)R\kappa$, and $T_0(\kappa) = 5\frac{\kappa_f}{\delta}$. Then $(\Pi^{p,p_f,R}_{fruit}, \mathsf{extract}^{p,p_f,R}_{fruit})$ satisfies:*

- *κ_f-consistency;*
- *chain growth rate $(T_0, g_0^{p,\delta}, g_1^{p,\delta})$ where*

$$g_0^{p,\delta}(\kappa, n, \rho, \Delta) = (1-\delta)(1-\rho)np_f,$$

$$g_1^{p,\delta}(\kappa, n, \rho, \Delta) = (1+\delta)np_f$$

- *fairness (T_0, δ).*

in Γ^p_λ environments.