$$f_p = f_{p,max}(\frac{t}{T_m - T_e}) \qquad T_e < t < T_m$$

$$f_p = f_{p,max} \qquad T_m < t < T_r$$

$$f_p = 0 \qquad T_r < t < T_e$$

where

f_p = the fractional area of coverage at time t

$f_{p,max}$ = the maximum fractional area of plant coverage

T_e = time of emergence

T_m = time of maximum coverage

T_r = time of removal