Spreading velocity of (F, C, H)

$$F_{t} = F_{xx} + a(1 - (F+C))F$$

$$C_{t} = C_{xx} + (1 - (F+C))C + s(F+C)H$$

$$H_{t} = dH_{xx} + r(1 - H)H - g(F+C)H$$

When $\mathbf{a} > \mathbf{1} + \mathbf{s}$, the leading edge-velocity of spreading wave is $2(\mathbf{a})^{1/2}$, while when $\mathbf{a} < \mathbf{1} + \mathbf{s}$, the velocity is $2(1+s)^{1/2}$.

