

Request for comments

RFC20050922ARb: Change in destruction and vaccination priority

1st draft: A. Reeves, September 22, 2005

2nd draft: A. Reeves, September 27, 2005

Applies to: Model description v1.0.2a (June 11, 2005)

Type of change: Specification change

Summary: This RFC proposes that destruction always take precedence over vaccination when both actions are scheduled to occur on the same simulation day.

Justification: In practice, herds would never be vaccinated immediately prior to destruction on the same day, but the current specification does allow this to occur.

Change: This change applies to Section 8 (Priorities of action). Current text to be deleted is struck out, proposed replacement text is highlighted:

The ordering is:

1. Infection, ~~vaccination, or destruction~~ **destruction, or vaccination**
 2. Biological processes happening ~~inside the animals~~ **within units**
- (Note that these correspond to the transition labels in Figure 1.)

If a unit is infected and vaccinated **on the same day, or** infected and destroyed **on the same day, ~~vaccinated and destroyed, or all three on the same day,~~** the order in which these happen is chosen randomly. **If a unit is to be vaccinated and destroyed on the same day, destruction will always have precedence. If all three are scheduled to occur on the same day, a unit may or may not be infected before it is destroyed, but it will never be vaccinated.**

End of changes