

EGRAPH *eventname*

FOR Statement

EGRAPH *eventname* accepts conditional statements using FOR followed by item constraints.

More than one event can be graphed at the same time by specifying the event names after EGRAPH. Events can also be defined by their event code (e.g., FRESH is the same as EC=1).

BY Clause

Single BY clauses can be used with EGRAPH *eventname*. The most common use of a BY item is the definition of the data labels, as reflected in the legend table. Item types that create excessive categories are not available for data labels. Certain items (DIM, DCC, DSLH) will alter the X-axis, but most of the axis functionality is defined via switches or the Options box.

Defaults

Adult cows only (Live and dead), Last 365 days

Switch Choices

See the next page for details on switches.

Options Window for EGRAPH

(Mouse click on Options button or press O on keyboard).

The screenshot shows the EGraph Options window. The title bar reads 'EGraph' and the status bar indicates 'Events Selected : 1'. The main area is divided into two columns. The left column contains a list of 28 event codes, each with a checkbox. Event 5, 'BRED', is checked. The right column contains several controls: 'Start Date' and 'End Date' fields with dates 7/31/05 and 7/31/06; a 'Use Scatter' checkbox; 'Event ##' and 'Width ##' input boxes; an 'X-Axis' section with radio buttons for 'Event Date', 'DIM (Adults)', 'mmmYY of Fresh', 'Days Carried Calf', 'Days Since Heat', 'mmmYY of Event', and 'Age (Heifers)'; and a 'Legend' section with radio buttons for 'Event Number', 'Result/Remark', 'Breeding Code', 'Protocols', and 'BY Item'. A 'Go' button is located at the bottom right.

Note on Dates: For dates, can enter either the Start and End dates or enter the number of days ago for the start and end dates.

Note on Event ## box: Multiple event ##'s can be requested by typing the desired services, separated by commas.

GRAPH tricks

The display can be manipulated in several ways.

1. A portion of the display can be zoomed by dragging the mouse from left to right in a downward motion. Zoom out by dragging right to left and upwards.
2. Click on columns in bar graphs or scattergraphs points to display the underlying data.
3. Click on the data label in the legend to turn each series off or on.
4. The Report view contains the data for the graph

EGRAPH *eventname* Switches Reference

Legend switches

Switch	Result	Events
None	Count of the event	All events
\C	Breeding codes	BRED, PREG, OPEN, PREV, ABORT
	Calf gender	FRESH
	Culture result	CULTURE
	CAR code	SOLD
	Remark of event	All other events
\R	Result of breeding	BRED
	Calf status	FRESH
	Culture result	CULTURE
	Remark of event	All other events
\Rn	nth character in REM	All other events (n=9 is last non-blank character)
\P	Technician	BRED, PREG, OPEN, PREV, ABORT
	Lactation number	FRESH
	Remark of event	All other events

X-axis switches

Switch	Result	Events
None	Week of event	All events
\A	Age (only with \Y)	
\F	Month/year fresh	
\G	Gestation length	PREG, PREV, ABORT, DRY
\H	DSLH at event	BRED, PREG, OPEN, PREV, ABORT, DRY
\I	DIM at event	
\W0	Month/year at event	

Utility switches

Switch	Function
\D	Brings up dialog box – pick events, set axes options
\Dnnn	nnn days in past for start date. Example is \D90 for last 90 days
\Ennn	nnn days in past for end date. Example is \E60 for to end 60 days ago
\M	Stacks multiple events
\Nn	Limit to event “n”. Can specify more than one “n” (1 to 9, any combination)
\S	Scattergraph
\Tnnn	Sets maximum of axis
\Wnnn	Sets width of bars in days (default is 7) – used with non-scattergraphs
\Y	Youngstock