

## Hierarchical Task Analysis (Simplified)

### Sheep health analysis views

View to display regarding the entire flock

- Total number of current sheep

  - Option to break down by sex

  - Option to show count of ram/ewe lambs (<1 year old)

- Show date of most recent worm check

  - Button to jump to view data from most recent worm check

- Show date of next recommended worm check (OPTIONAL)

  - Turn red or show warning when this date has passed

  - Set default interval, allow user to enter new interval

- Button/link to go to worm check data entering view

View for data broken down by individual sheep

- Choose view type

  - Text box to enter ear tag number to open a specific sheep

  - Button to display data for all sheep in the flock

- View only by default, button to edit entered data

- Display data entered from 2 most recent worm checks

- Link on each sheep that goes to full worming record for that sheep

### Worm Checks Recording View

Sheep search (by ear tag) text entry

- Previous Check View

  - Hide View Button

- Add check View

  - Weight text entry (optional)

  - FAMACHA Score radio buttons (1-5) (see below)

  - Fecal egg count (see below)

  - “Other” reason for deworming text entry (see below)

Dewormed check box (data entry from one of the three rows above required if yes, only FAMACHA required if no)

Dewormers listed by checkbox (only required if dewormed is yes)

Additional notes text entry

## Compare the data from one's own flock to other farms' sheep

### Share data permission

Confirm sharing data checkbox

Submission button

### View Farm Statistics (only after agreeing to upload your data)

FAMACHA score average compare to average flock

Deworming percentage over a period of time compared to average flock

Radio buttons for 1 flock check, 1 month, 1 year, etc.

Percentage of flock that has never been dewormed compared to average

Percentage of flock with FAMACHA score of 1-2 compared to average

Percentage of flock with FAMACHA score of 1-2 compared to average

Wormer based reports on reapplying wormers