T30 Yard App

User Manual

Revision 1.

For YardApp Software 15.1.20.28 & T1 Scale Firmware C4.01.00
## Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Home Screen</td>
<td>3</td>
</tr>
<tr>
<td>Connections</td>
<td>4</td>
</tr>
<tr>
<td>Animal Events</td>
<td>6</td>
</tr>
<tr>
<td>Treatments</td>
<td>7</td>
</tr>
<tr>
<td>Add New Treatment</td>
<td>8</td>
</tr>
<tr>
<td>Draft by weight</td>
<td>9</td>
</tr>
<tr>
<td>Mob Draft</td>
<td>11</td>
</tr>
<tr>
<td>Tag Draft</td>
<td>12</td>
</tr>
<tr>
<td>Animal Defaults</td>
<td>13</td>
</tr>
<tr>
<td>Main Weigh Screen</td>
<td>14</td>
</tr>
<tr>
<td>Session Details</td>
<td>16</td>
</tr>
<tr>
<td>Animal Details</td>
<td>17</td>
</tr>
<tr>
<td>Tracing Animals Using VID Tag Only</td>
<td>18</td>
</tr>
</tbody>
</table>
a) Shuts down the T30 tablet.
b) Shows the battery % of the T30 tablet.
c) Shows the signal strength from the Wi-Fi router in the scale console on the machine. This will decrease the further the tablet is away from the machine but still has a range of 50< meters.
d) Scale setup allows you to edit loadbar type, unit of measurement and animal type. The other settings require assistance from a Te Pari technician to adjust.
e) System screen is where you can connect to different Wi-Fi networks, pair Bluetooth devices, and allow a Te Pari technician on to your scale via the Remote Support button (if you are a T30 Subscription user)
f) Check for updates button backs up your data to the cloud (if you are a T30 Subscription user) and downloads any scale updates that are available. Please note, choosing to back up your data at the end of a weigh session does the same process.
a) Open For
   - **Lookup** mode is for if you want to go through the T30 setup pages without being connected to the scale if you want to ‘Look Up’ records.
   - **Weight Recording with EID** will record a weight against the animal to create growth rate data if your animals have RFID/EID tags.
   - **Weight recording without EID** is if your animals do not have RFID/EID tags.
   - **Record with weights** – you should tick this if you want to record a weight against each animal in the weigh session.
   - **Record without weights** is if you do not want to record a weight beside the animal – you may wish to simply record a trait or a treatment.

b) Animals ID
   - **ID Required** will not allow an animal to be drafted if a RFID/EID tag is not detected by the reader. It is recommended that you only select this if all your animals in the weigh session have RFID/EID tags or you are going to scan and apply tags to animals during the session.
   - **ID Not Required** will still record RFID/EID tags if one is present but will still draft the animal regardless of whether the reader detects a tag. You will need to select this mode when not all animals in the weigh session have RFID/EID tags.

c) Drafting
   - **No drafting** is if your setup does not have draft gates.
   - **Manual drafting** is if your setup has manual draft gates or you wish to operate the unit by remote or dashboard.
   - **Auto drafting** is if your setup is an auto weigh and draft unit.
- **Stop on Alert** will hold the animal and not release automatically (if your machine is an autodrafting unit) if the animal has an alert against it. The scale displays a popup on the weigh screen when this happens.
- **Display and Continue** will display the alert popup if the animal has an alert against it but will continue to weigh and draft.

d) **Dosing**
- **No Dosing** is if you are not treating animals in this session.
- **Manual Dosing** is if your drench gun/vaccinator delivers a set dosage and is not a calibrated *Te Pari Revolution Drench Gun*.
- **Calibrated Dosing** is if you are using the *Te Pari Revolution Drench Gun* to deliver calibrated dosage based of animal weight.

e) **Stats Comparison**
- **First weight** shows the animals first weight as recorded in the system in a field on the main weigh screen during the current session when the RFID/EID tag is scanned.
- **Previous weight** shows the animals weight from the most recent weigh session in a field on the main weigh screen during the current session when the RFID/EID tag is scanned.

f) You want to ensure three green ticks are presented. This shows the scale is connected to the T30 tablet via the Wi-Fi router. If there are no ticks, the scale is not receiving power. The scale can pair with two *Te Pari Revolution Drench Guns* and these will be ticked when paired.
a) It is critical to add a new session every time you weigh. This is so the animal weights are recorded under the correct date, otherwise weight gain data will not show if you weigh animals under an older session. Upon pressing ‘add’ a keyboard will be presented – enter in the name you wish to call the session and press ‘accept’. Then press ‘save’ – this button is presented in the same space as the ‘add’ button at this point.
If you wish to record a treatment against all animals in the session, select it from the list.

a) If you have a manual drench gun, select your treatment from the ‘Manual Gun 1 or 2’ list.

b) If you have a Te Pari Revolution Drench Gun to deliver calibrated dosing, select the treatment from the ‘Dosing Gun 1 or 2’.

c) Add a new treatment.
Add New Treatment

a) Press ‘Add’.
b) Add in as much information about the treatment that you wish. Note that the fields marked with a * are mandatory.
c) If you wish to create an alert for the treatment, fill in the ‘Withholding Period’ field and tick the ‘Create Alert’ checkbox below. A bright red popup will appear on the weigh screen if the animal is weighed during the withholding period. Depending on the settings you have chosen under point ‘c’ on page 4 the drafter will either:
   - Stop auto drafting until you manually clear the warning.
   - Display the warning and continue to operate.
d) If you wish to set up the treatment to deliver calculated dosing through a Te Pari Revolution Drench Gun, you can select ‘kg/lb’. If you want to deliver a set dosage to each animal with a manual drench applicator, select ‘Animal.’
e) This is where you set the dose rate for a calibrated dosage application. In this instance, we are delivering 5ml per 1kg/lb.
TIP: Any new draft sets you create are saved in a list as shown in #1, for quick access next weigh session. Simply click on the draft set to load.

a) To create a new draft set, press ‘add’.
b) You can rename the draft set to something unique.
c) To draft by weight, select ‘weight’ in the draft type list.
d) To set your draft ranges, tap the first field. A keyboard will be presented, as below. Start with the lowest weight first (in the example it is 30kg/lb) then press ‘Next’ to set your second weight range (in the example it is 38kg/lb). Continue adding weight ranges in this fashion and press ‘Close’ when complete.
e) You can change what gate each weigh range is drafted out.

f) Ticking the hold checkbox will mean that when the machine is in autodraft mode, any animals that are in the given weight range will be clamped but not released – the operator will need to manually release these animals (they will still be drafted out the correct gate).

g) You can rename the gate to be easier to interpret on the fly when you are viewing session data under the statistics screen in the weigh session, as below.

h) If you wish to assign a weight range into a mob e.g., you are drafting ewes from the lambs you can do so here.

i) To create a new mob if you wish, click here.

j) IMPORTANT: ALWAYS PRESS SAVE AFTER YOU HAVE MADE CHANGES TO YOUR DRAFT SET
a) To create a new draft set, press ‘add’.
b) You can rename the draft set to something unique.
c) To draft by mob, select ‘mob’ in the draft type list.
d) Using the dropdown lists, select the mob you want to draft.
e) Select what gate you want to draft previously chosen mob out of.
f) Ticking the hold checkbox will mean that when the machine is in autodraft mode, any animals that are in the given weight range will be clamped but not released – the operator will need to manually release these animals (they will still be drafted out the correct gate).
g) You can rename the gate to be easier to interpret on the fly when you are viewing session data under the statistics screen in the weigh session, as below.

h) IMPORTANT: ALWAYS PRESS SAVE AFTER YOU HAVE MADE CHANGES TO YOUR DRAFT SET.
With this draft setup you can draft animals with RFID/EID tags from animals without tags. This is a simple two-way draft

a) To create a new draft set, press ‘Add’.

b) You can rename the draft set to something unique.

c) To draft RFID/EID tagged animals, select ‘EID Tag Present’ in the draft type list.

d) You can select what gate the animals are drafted out of.

e) You can rename the gate to be easier to interpret on the fly when you are viewing session data under the statistics screen in the weigh session.

f) IMPORTANT: ALWAYS PRESS SAVE AFTER YOU HAVE MADE CHANGES TO YOUR DRAFT SET
NOTE: IF YOUR ANIMALS DO NOT HAVE RFID/EID TAGS, THE DETAILS SET ON THIS SCREEN CAN’T BE RECORDED AGAINST THE ANIMALS. IF THIS IS THE CASE, SELECT ‘NO’.

a) If you are inducting animals, the ‘New Animal Details’ screen is where you can set the basic life data. Press ‘Yes’ to display the ‘New Animal Details’ field as in #1. These details will be applied to all new animals in the session. You can edit the default animals’ details on an individual basis to add extra unique data to them while they are standing in the machine with their RFID/EID tag scanned (during weigh session). To do this, click the ‘animal defaults’ tab as shown on page 16 and adjust details as needed. When the animal leaves the platform and the weight drops to 0, the changes to the details are logged against the tag.

b) If you are doing a periodic weigh of already inducted animals, just select ‘No’. This allows you to start the session without filling in any new animal details. If a new tag is scanned during this session, the machine will stop auto-drafting and the scale will change to the ‘Animal Details’ screen as shown on page 17 so you can enter in the details against this animal. E.g., if a tag has fallen out of an animal and you have given it a new tag one.

c) If you are inducting animals in back-to-back sessions, press here to auto fill the ‘New Animal Details’ window.
Main Weigh Screen

- **a)** The weight of the animal is displayed here. The numbers are blue when the scale has not locked onto a weight and turn black once a weight is present and the scale has locked on. To manually re-weigh the current animal, double-tap on the weight readout.
- **b)** RFID/EID and VID will display here when a tag is scanned.
- **c)** Event name as chosen in event setup.
- **d)** Current mob the animal is in (if any).
- **e)** To assign an animal to a new mob, use the dropdown list in this field. You can assign animals to a mob one by one – just choose the mob in the list when the animal is in the crate and when the animal leaves the records will be updated. To assign all animals in the session to a new mob, select the mob in the list and tick the ‘Repeat’ check box above the field. This will repeat the mob assignment to all animals in this session.
- **f)** This field displays what drafting group the current animal is in (if any). Drafting group setups are done in the OfficeApp (T30 Subscription). E.g., you may wish to draft out the lowest performing animals out of a mob to be culled based off any given criteria.
- **g)** This field shows what the scale is waiting for to complete the weigh cycle. In this case, the scale is waiting for an animal weight, a RFID/EID or VID tag and a single trait. Once all these prerequisites have been met, the screen background turns green to indicate you are good to let the animal go.
- **h)** If you wish to record a trait against the animal, select from the dropdown list. You also must record a value against the trait – tap the field as shown by fig. #1 and a keypad will be presented. If you want to apply the same trait to all animals in the weigh session, tick the ‘Repeat’ check box and the trait will automatically be saved against every animal.
If you want to record a trait to every animal but wish to edit the trait on an individual basis, tick the ‘Required’ check box as shown in fig. #1. This enters a trait record reminder into the ‘Status: Waiting for’ field as in fig. g and the screen will not go green until a trait is recorded. You can record and 2nd trait from the main weigh screen and there are 10x more trait record field in the “Multi-trait’ screen as in fig. #2 (T30 Subscription feature).

To add a new trait, press the paper and pencil icon as in fig. #3. A screen will be presented as below. Press ‘Add’ as shown #4.

i) If you notice an animal has a condition, you can record it using this field. You may need to set up the diagnosis under the treatments screen as shown on page 8. If you’re applying a manual drench, a box will appear here with the option to save the treatment one-by-one against odd animals, or to every animal in the session if you tick the ‘repeat’ checkbox.

j) The field ‘Ave weight’ displays the average weight of animals in this weigh session. The remaining x5 fields in this area show data relevant to the current animal as detected.
This screen shows a record of all animals in the session in a list format.

a) If you wish to export this list in an excel sheet format to a USB stick, press export. You need to insert a USB into the tablet – the port is in the right-hand side of the tablet frame under a dust cover.

b) If a mistake has occurred, you can delete an individual record.
a) When inducting animals, it is advisable to set as much base information in the ‘New Animal Defaults’ screen as shown on page 13 then, when the new tag is scanned it will auto-fill the information in the relevant fields under the Animal Details screen as shown. Then you can add specifics to the current animal in the crate – you may wish to enter in VID, Tag Color or Sex. When the animal leaves the crate any adjustments you make here are automatically saved. You can also adjust information here during a periodic weigh session even after the animal is inducted.
a) When an animal walks onto the platform, the weight will be displayed here. The scale will lock on to the weight and the numbers will turn black.

b) Enter the VID number into this field and press the button with the binocular icon. This shows the current animals’ history as shown in fig #1 & #2. Clicking on the traits tab as in fig. #3 will show any previous traits.

c) Click here to record a treatment against the animal. A screen will be presented as below. Press ‘Add’ as in fig #4 to add a new treatment line. Press the dropdown list to show the treatments you have set up #5 and select the desire treatment. You can manually edit the dosage amount if need be #6. The press ‘Saves’. #7. When the animal leaves the crate and the weight drops back to 0, the new weight recording as well as any treatments or traits you have chosen are saved against the animal.