Drafting (Sorting) using the 5000 indicator

The Drafting (Sorting) feature in the 5000 series weigh scale indicator allows animals to be sorted by weight, weight gain or other advanced criteria. This is a powerful feature that allows you to quickly and easily select animals for optimal performance or genetic gain.

You can achieve the following with this feature:

- Sort animals into groups based on their weight, weight gain, single criterion (e.g. Breed, Sex or Condition Score) or multiple advanced criteria (e.g. combinations of weight range, sex and breed).
- Label the sort directions with arrows or pen number. You can also include an additional text label.
- Take action if no ID tag is available for an animal.
- Use the recalculate feature to test “what if” scenarios such as changing weight limits.
- Override the draft direction on the Weigh screen based on your own observations.

The ID5000 model supports drafting by weight, weight gain or a single criterion (e.g. Breed, Sex or condition score).

Only the XR5000 model supports drafting by multiple advanced criteria (e.g. combinations of weight range, sex and breed).

1. Setting up drafting

1. Go to the Settings screen.
2. Press .
3. Press and follow the on screen instructions to step through the configuration:
   - **Step 1** – Turn Drafting on or off and optionally show the draft direction on the Weigh screen.
   - **Step 2** – Choose whether to sort animals based on weight, average daily gain (ADG), other single criterion or rules based drafting. You can also select the legacy multiple advanced criteria option but we recommend you use the newer rules based drafting feature.
   - **Step 3** – Select the number of directions (or pens) in which to sort the animals.
   - **Step 4** – Choose whether to display the draft (sort) direction as pen numbers or arrows.
   - **Step 5** – Choose when to draft. You can either wait until the record (REC) key is pressed, or draft automatically. If you opt to draft automatically, there are a number of advanced options:

<table>
<thead>
<tr>
<th>Option</th>
<th>Advanced settings</th>
<th>Why?</th>
</tr>
</thead>
<tbody>
<tr>
<td>REC key is pressed</td>
<td>None</td>
<td>You want to make sure the weight or other information is accurate before drafting (weighing on a platform). You want to enter other information such as condition score.</td>
</tr>
<tr>
<td>Automatic</td>
<td>ID optional</td>
<td>You want to draft as quickly as possible. An ID will be recorded if available, but it will not wait.</td>
</tr>
<tr>
<td></td>
<td>ID required, wait for x Seconds then...</td>
<td>You want to wait a short time for an ID such as EID and then take appropriate action.</td>
</tr>
<tr>
<td></td>
<td>ID required, wait until ID received</td>
<td>You want to ensure that an ID is recorded and will wait until one is entered.</td>
</tr>
</tbody>
</table>

   - **Step 6** – Check and confirm your drafting setup.

4. Once you have confirmed your draft settings, you will be taken to a screen to enter your draft limits or rules. This screen will be different depending on if you chose to sort animals based on weight, average daily gain (ADG), other single criteria or rule based drafting.
The Settings screen for drafting by weight is shown below.

💡 You can save your setup as a Favourite so that the next time you repeat the same job, you can quickly re-use the same setup.

When drafting is enabled and Show draft direction on Weigh screen has been enabled during Step 1 of the drafting setup wizard, the Weigh screen will display the draft direction on a section of the screen. This also includes the count for each sort direction or pen, each with a label:
3 Drafting by Average Daily Gain (ADG)

The Settings screen for drafting by average daily gain is shown below.

You can save your setup as a Favourite so that the next time you repeat the same job, you can quickly re-use the same setup.

When drafting is enabled and Show draft direction on Weigh screen has been enabled during Step 1 of the drafting setup wizard, the Weigh screen will display the draft direction in a section of the screen. This also includes the count for each sort direction or pen, each with a label:
## Drafting by a single criterion

The Settings screen for drafting by a single criterion is shown below.

You can save your setup as a Favourite so that the next time you repeat the same job, you can quickly re-use the same setup.

### Settings > Drafting

#### Drafting Summary:

*Drafting 3 ways by "Breed". Showing draft direction as arrows. Wait until REC key is pressed.*

#### Change drafting rules:

- If Angus → draft to ↑ → Ang
- If Hereford → draft to ← → Her
- If Brahman → draft to → → Brah

When drafting is enabled and **Show draft direction on Weigh screen** has been enabled during Step 1 of the drafting setup wizard, the Weigh screen will display the draft direction in a section of the screen. This also includes the count for each sort direction or pen, each with a label:
The rules based drafting feature is an extremely flexible way to select your animals based on combinations of criteria. For example you could group animals based on combinations of weight, sex and breed.

The screen for setting up rules based drafting is shown below. The rules are evaluated from top to bottom; the animal will be sorted in the direction for the first rule that matches.

Press to add another rule. This will take you to the Edit Rule screen:
On this screen, you can select the draft direction and add a label. You can then add conditions for the rule by selecting the information (e.g. Breed), then condition (e.g. not equal) and then value (e.g. Angus):

![Drafting setup > Edit Rule](image)

Once you have set up the rule, press ✮ to return to the Drafting Settings page. You will see a summary of the new rule you added. You can change the order of the rules, if desired.
Recalculate draft

The recalculate draft feature allows you to test “what-if” scenarios for the animals in the current session.

If you press in the Drafting Settings screen, it will apply the revised draft rules to all animals in the current session. You will be automatically taken to the Session Statistics screen to view the results of the new setup. Your previous draft results will not be overwritten as they are stored in “Draft” whereas the recalculated results will be stored in “Recalc Draft”.

💡 You can quickly return to the Drafting Settings screen by pressing then.