

# Skips & Doubles Help Page

## Planter Accuracy Assessment Guide

### Overview

The **Skips & Doubles** form is used to evaluate planter performance by measuring seed placement accuracy by counting Skips and Doubles.

By counting skips and doubles within a defined timeframe, spacing, and speed, you can determine planter accuracy on a **per-row basis** and make mechanical adjustments as needed.

This tool supports systematic row-by-row evaluation to ensure uniform emergence and optimal stand establishment.

The screenshot displays the mobile application interface for the 'Skips & Doubles' form. The interface is split into two main sections: 'Input Data' on the left and 'Skips & Doubles' on the right.

**Input Data Section:**

- Field:** Select a Field...
- Variety:** Select a Variety...
- Seed Type:** Select a Seed Type...
- Planter:** Pasco - 1|7
- Row #:** Row #1
- Planter Speed (mph):** 0 mph
- In-Row Spacing (in):** 0
- Time:** 01:00
- Collected after Adjustment?**
- Do Skips & Doubles Separately?**

**Skips & Doubles Section:**

- Row #1:** A large white box containing the text 'Skip 0' and 'Double 0'.
- Timer:** A green box displaying '01:00' with a 'Start' button below it.

A 'Submit' button is located at the bottom center of the screen.

# 1. Input Data Tab

All configuration and required form information must be completed here before data collection begins.

## Field-Level Information

- **Field**
    - Select the current field from the list.
    - By default, only fields for the selected crop year are shown. To show all available fields, toggle **Show All** in the input window.
  - **Variety**
    - Select the current variety from the list.
    - This list should be filtered for each Farm. Contact IT to add or remove any available options.
  - **Seed Type**
  - **Planter**
    - Select the planter used for this assessment.
    - The final number on the planter name indicates the total number of rows on that planter.
- 

## Row-Specific Information

The following inputs are **specific to the selected row**:

- **Row #**
- **Planter Speed (mph)**
- **In-Row Spacing (inches)**
- **Time (duration of count)**

Each row may be tested independently. By default, you will begin with **Row #1**, but any row can be selected.

---

## Additional Options

### Collected After Adjustment?

Indicates whether data was collected after mechanical planter adjustments.

### Do Skips & Doubles Separately?

If enabled:

- You will count **only skips** during one timed session.
- Then repeat the same timeframe/speed/spacing to count **only doubles**.

This option is recommended when:

- You cannot comfortably track both events simultaneously.
- 

## 2. Skips & Doubles Tab

After completing Input Data:

1. Navigate to the **Skips & Doubles** tab.
  2. Confirm the correct **Row #** is displayed.
  3. Tap **Start**.
- 

## During the Count

Once the timer begins:

- The countdown timer will run for the configured duration.
- Tap:
  - **Skip** each time a skip occurs.
  - **Double** each time a double occurs.

Each tap increments the respective counter.

---

## When the Timer Ends

When the countdown completes:

- A **summary popup** will appear.
- Results for all rows and totals are displayed.

Note: A similar summary can be viewed at any time by clicking the gear icon in the top right of the page and selecting View Summary. This summary includes additional record information as well as a Share option for quick sharing.

## Next Row

The popup includes a **Next Row** button.

Selecting Next Row will:

- Automatically select the next row number.
- Carry forward the same:
  - Speed
  - Spacing
  - Time

You may then repeat the process until all planter rows have been evaluated.

---

## 3. Completing the Form

After all desired rows are recorded:

1. Return to the **Input Data** tab.
  2. Tap **Submit**.
- 

## Validation Process

If required information is missing:

- A popup will alert you to which inputs are incorrect.
- Missing or incomplete fields will be highlighted on the page.

The form **cannot be submitted** until all required data is entered.

---

## Final Submission Confirmation

If the form passes validation:

- A full **summary view** will be displayed.
- You must tap **Submit** again to finalize.

This ensures accuracy before record creation.

---

## 4. Record Status and Syncing

After submission:

- The form is cleared for new entry.
- The submitted record is marked as **Pending**.

### **Important:**

Pending records are **not automatically synced**.

To permanently save the record online:

1. Navigate to either:
  - The **Sync** tab on the **Home Page**
    - Click the back arrow on the form, discard changes if prompted, and click on the **Sync** tab along the bottom of the page.
  - The **View Records** page
    - On the form, click the gear icons in the top right to open the form menu. Then click the **View Records** button. On this page, click the **Pending** tab along the top of the page.
2. Manually initiate **Sync** for the record

If a record is not synced:

- It remains local only.

- It will not be available online.
  - It will not be visible to other users or systems.
- 

## **Purpose of the Form**

The Skips and Doubles form provides:

- Row-level planter accuracy metrics
- Objective data for mechanical adjustments
- Improved emergence consistency
- Better stand establishment outcomes

Consistent use of this tool supports agronomic precision and operational efficiency.