# Seed Counter 1000 Seed Calibration Verification Record

IMD Model 750-2CS v23MAR2018

| Date | Technician Initials | Crop | Feeder Fast | Feeder Slow | Sensitivity* | Length Rejection* | Count | Pass Y/N (± 2 seeds) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 28-Dec-22 | DMJ | Cotton | 2.2 | 7.8 | High 3 | 2 | 1000 | y | Calib. sample confirmed |
| 28-Dec-22 | DMJ | Cotton | 2.2 | 7.8 | High 3 | 2 | 1001 | y | |
| 28-Dec-22 | DMJ | Cotton | 2.2 | 7.8 | High 3 | 2 | 1000 | y | |
| 28-Dec-22 | DMJ | Cotton | 2.2 | 7.8 | High 3 | 2 | 1000 | y | |
| 28-Dec-22 | DMJ | Cotton | 2.2 | 7.8 | High 3 | 2 | 999 | y | |
| 28-Dec-22 | DMJ | Cotton | 2.2 | 7.8 | High 3 | 2 | 996 | n | Calib. sample confirmed |
| 28-Dec-22 | DMJ | Cotton | 2.2 | 7.8 | High 3 | 2 | 999 | y | |
| 28-Dec-22 | DMJ | Cotton | 2.2 | 7.8 | High 3 | 2 | 999 | y | |
| 28-Dec-22 | DMJ | Cotton | 2.2 | 7.8 | High 3 | 2 | 999 | y | |
| 28-Dec-22 | DMJ | Cotton | 2.2 | 7.8 | High 3 | 2 | 1000 | y | |
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**Note: Sensitivity and Length Rejection settings located inside of top access panel.*

**Procedure:**

>Ensure all counter setting are on the appropriate set points for the crop being counted
>Carefully pour the 1,000 seed calibration sample of the crop being counted into seed counter bowl
>Start counter and run until all seeds have been counted
>Record number of seeds as displayed on counter display and any additional seeds remaining in bowl
>Calibration count should not vary more than ±2 seeds from the 1,000 seed calibration sample
>If count is not within the tolerance, check settings, clean appropriate areas of the counter
>Rerun calibration sample up to 3 times to confirmed that the counter may not be working appropriately
>If count is not within the ±2 seed tolerance then manually count calibration sample to confirm 1,000 seeds
>If calibration sample does not contain 1000 seeds, adjust as needed by adding or removing seeds
>If calibration sample is correct, adjust speed and/or sensitivity settings until ±2 seed tolerance is obtained
>If seed counter continues to fail calibration check, do not use until counter has been repaired and then verified using the 1,000 seed calibration sample

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| Date | Technician Initials | Crop | Feeder Fast | Feeder Slow | Sensitivity* | Length Rejection* | Count | Pass Y/N (± 2 seeds) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 28-Dec-22 | DMJ | Hemp | 2.0 | 7.0 | High 4 | 2 | 1001 | y | Calib. sample confirmed |
| 28-Dec-22 | DMJ | Hemp | 2.0 | 7.0 | High 4 | 2 | 1000 | y | |
| 28-Dec-22 | DMJ | Hemp | 2.0 | 7.0 | High 4 | 2 | 998 | y | |
| 28-Dec-22 | DMJ | Hemp | 2.0 | 7.0 | High 4 | 2 | 998 | y | |
| 28-Dec-22 | DMJ | Hemp | 2.0 | 7.0 | High 4 | 2 | 998 | y | Calib. sample confirmed |
| 28-Dec-22 | DMJ | Hemp | 2.0 | 7.0 | High 4 | 2 | 1000 | y | |
| 28-Dec-22 | DMJ | Hemp | 2.0 | 7.0 | High 4 | 2 | 999 | y | |
| 28-Dec-22 | DMJ | Hemp | 2.0 | 7.0 | High 4 | 2 | 1000 | y | |
| 28-Dec-22 | DMJ | Hemp | 2.0 | 7.0 | High 4 | 2 | 1000 | y | |
| 28-Dec-22 | DMJ | Hemp | 2.0 | 7.0 | High 4 | 2 | 1000 | y | |
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**Note: Sensitivity and Length Rejection settings located inside of top access panel.*

**Procedure:**

>Ensure all counter setting are on the appropriate set points for the crop being counted
>Carefully pour the 1,000 seed calibration sample of the crop being counted into seed counter bowl
>Start counter and run until all seeds have been counted
>Record number of seeds as displayed on counter display and any additional seeds remaining in bowl
>Calibration count should not vary more than ±2 seeds from the 1,000 seed calibration sample
>If count is not within the tolerance, check settings, clean appropriate areas of the counter
>Rerun calibration sample up to 3 times to confirmed that the counter may not be working appropriately
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|---|---|---|---|---|---|---|---|---|---|
| 28-Dec-22 | DMJ | Rice | 2.2 | 7.0 | High 3 | 2 | 1000 | y | Calib. sample confirmed |
| 28-Dec-22 | DMJ | Rice | 2.2 | 7.0 | High 3 | 2 | 998 | y | |
| 28-Dec-22 | DMJ | Rice | 2.2 | 7.0 | High 3 | 2 | 1000 | y | |
| 28-Dec-22 | DMJ | Rice | 2.2 | 7.0 | High 3 | 2 | 1000 | y | |
| 28-Dec-22 | DMJ | Rice | 2.2 | 7.0 | High 3 | 2 | 1000 | y | |
| 28-Dec-22 | DMJ | Rice | 2.2 | 7.0 | High 3 | 2 | 1000 | y | |
| 28-Dec-22 | DMJ | Rice | 2.2 | 7.0 | High 3 | 2 | 998 | y | |
| 28-Dec-22 | DMJ | Rice | 2.2 | 7.0 | High 3 | 2 | 1000 | y | |
| 28-Dec-22 | DMJ | Rice | 2.2 | 7.0 | High 3 | 2 | 1001 | y | |
| 28-Dec-22 | DMJ | Rice | 2.2 | 7.0 | High 3 | 2 | 1001 | y | |
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