

ONE ACRE CATCH TEST

The One Acre catch test is a quick and easy way to double check your cal weight value. Before starting the One Acre catch test ensure that you have a catch tray, pails for catching and transferring product and a digital scale for weighing the product.

1. Zero the digital scale
2. Prepare the meter that you will be catching out of by placing the pail underneath the catch tray.
3. **Switch Box Setup:** Shut the **MASTER SWITCH OFF** and **PUT THE OPENER SWITCH TO DOWN**. Set the switches for the product and zone that you will be catching from.
Example: If you are catching product from product tank one and zone one. Turn ALL the product and zone switches OFF. Then turn ZONE 1 all the way to the ON position. Then switch Product 1 switch to AUTO.
4. **Enter a self-test speed:** Touch **Product Control** Then **Miscellaneous** Then **Enter 5** into self-test speed. Touch **OK** then **OK**.
5. **Set your desired Rate Cal application.**

NOTE: FOR HIGHER RATE APPLICATIONS SET THE TARGET TO 25LBS AND FOR CANOLA SET TARGET RATE TO 4LBS. YOU WILL ALSO NEED TO BE SURE THAT YOU HAVE SET THE CORRECT CAL WEIGHT. USE THE SEEDMASTER APP TO GET A STARTING CAL WEIGHT. SEE PAGE 61 FOR MORE INFO.

6. **Zero out the weight for the product you are catching:** Touch **Product Control** then touch **Tally Reg.** Touch **NEXT, NEXT** until you are on the product that you will be catching from. It is displayed at the top of the screen as **NODE 1** thru 5. **NODE 1** is **PRODUCT 1** and so forth. When you have reached your desired product/node then touch **RESET** for **FIELD VOLUME** AND **FIELD AREA**.

7. Touch **OK, OK** then the **DD** button. If the Field and Tank Vol are not showing up touch inside the Display Data area until you see the Field Vol and Field Area and Tank Vol.

8. When you are ready to catch product **TURN THE MASTER SWITCH ON**. **NOTE:** Ensure that you have system pressure before turning the master switch on. Product will be expelled when you turn the master switch on.

9. At the moment the **Field Area** reaches 1 acre turn the Master Switch OFF immediately.
10. Take note of your Field Volume, and your Cal Weight (found on product control page)
11. Go and weigh the amount of product, in LBS that was dispersed from the meter.

Node 1

Total Volume	1344	Set	Reset
Field Volume	4	Set	Reset
Tank Volume	832.00	Set	Reset
Total Area	111.00	Set	Reset
Field Area	1	Set	Reset

	Field Vol	Field Area	Tank Vol	Cov
1	91.5	23.8	0.0	
2	0.0	0.1	0.0	

Applied: 23.7a

Buttons: DD, Scout, Section Control

12. Using the SeedMaster APP go to the Corrected Cal Weight Page (PAGE 4) under the Cal. tab of the app.
13. Enter the Actual Scale Weight Dispersed (Digital Scale reading)
14. Enter the Field Computer Computed Weight (Field Volume)
15. Enter Current Cal Weight (On product control Page)
16. The calculator will display a Corrected Cal Weight. You will go into the product control page and manually enter this cal weight into the corresponding product.
17. Repeat this process at least one or two times.

SaskTel 3G 3:16 PM 66%

SEED MASTER

Corrected Cal Weight

0.109 LBS/REV

i Actual Scale Weight Dispersed 4.9

i Field Computer Computed Weight 4

i Current Cal Weight .089

Use this calculator to determine a corrected Cal Weight. Perform a 1 Acre catch test to determine your input values. The 1 Acre catch test procedure can be found in your SM16 Operators Manual or visit seedmaster.ca

Rate Cost **Cal.** SeedMaster