



TICK BLITZ

Community Based Science



SAMPLING GUIDE

This document goes through each step for collecting ticks successfully

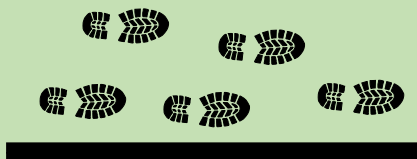
1

COUNTING YOUR STEPS TO REACH 10 METERS

- Use the mason line and stakes to measure out 10 meters.
- Walk the length of the mason line and count the number of steps you take.
- Do this five times and enter your numbers below.
- Add up each of your walks and then divide by 5. This is the number of steps to walk at each interval before stopping to check the drag for ticks.

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \frac{\hspace{2cm}}{5}$$

[Walk 1] [Walk 2] [Walk 3] [Walk 4] [Walk 5]

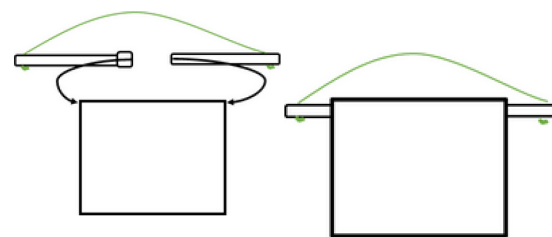


Number of steps to walk before checking the drag for ticks:

2

ASSEMBLE YOUR TICK DRAG

- Run the PVC pipe through the top sleeve of your drag cloth.
- Connect the PVC pipe in the middle



3

START FIELD COLLECTION SHEET

- Record your name, the temperature, your GPS coordinates, weather conditions, and time on your collection sheet

| TICK BLITZ DATA COLLECTION SHEET | | | |
|--|--|--|---|
| FIRST NAME: <input type="text"/> | LAST NAME: <input type="text"/> | COLLECTION SITE: <small>Check all that apply</small> | |
| DATE: <input type="checkbox"/> MONDAY JUNE 20 <input type="checkbox"/> TUESDAY JUNE 21 <input type="checkbox"/> WEDNESDAY JUNE 22 <input type="checkbox"/> THURSDAY JUNE 23 <input type="checkbox"/> FRIDAY JUNE 24 <input type="checkbox"/> SATURDAY JUNE 25 <input type="checkbox"/> SUNDAY JUNE 26 <input type="checkbox"/> MONDAY JUNE 27 <input type="checkbox"/> TUESDAY JUNE 28 <input type="checkbox"/> WEDNESDAY JUNE 29 <input type="checkbox"/> THURSDAY JUNE 30 <input type="checkbox"/> FRIDAY JULY 1 | START TIME: <input type="text"/> AM <input type="text"/> PM | END TIME: <input type="text"/> AM <input type="text"/> PM | <input type="checkbox"/> LAWN / YARD <input type="checkbox"/> FOREST EDGE <input type="checkbox"/> ROADSIDE <input type="checkbox"/> TRAIL <input type="checkbox"/> MEADOW / FIELD <input type="checkbox"/> PASTURE <input type="checkbox"/> OTHER: <small>Please use the space below to describe</small> |
| GROUND WETNESS: <input type="checkbox"/> SOGGY <input type="checkbox"/> DAMP <input type="checkbox"/> MOSTLY DRY <input type="checkbox"/> DRY | | SUNSHINE: <input type="checkbox"/> ☀️ <input type="checkbox"/> ☁️ <input type="checkbox"/> ☔️ | |
| LAST RAINFALL: <input type="checkbox"/> YESTERDAY <input type="checkbox"/> 2-3 DAYS AGO | | TEMPERATURE: <input type="checkbox"/> 4-5 DAYS AGO <input type="checkbox"/> >5 DAYS AGO | |
| | | <input type="text"/> °F <input type="text"/> °C | |



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4

COLLECT TICKS

- Walk for the number of steps you calculated in Step 1.
- Stop and look at your drag cloth for ticks.



5

REMOVE AND STORE TICKS

- Use tweezers or the lint roller to remove ticks from your drag cloth
- Place ticks in vial. Place lint roller sheets in Ziploc bag.



6

RECORD ON YOUR COLLECTION SHEET

- Record the number of ticks removed and number of lint roller sheets used at that interval or stop

TICKS COLLECTED PER STOP: Indicate # of ticks placed in vial and # of lint roller sheets used

| | # vial | # sheets | | # vial | # sheets | | # vial | # sheets |
|----|--------|----------|----|--------|----------|----|--------|----------|
| 1 | | | 11 | | | 21 | | |
| 2 | | | 12 | | | 22 | | |
| 3 | | | 13 | | | 23 | | |
| 4 | | | 14 | | | 24 | | |
| 5 | | | 15 | | | 25 | | |
| 6 | | | 16 | | | 26 | | |
| 7 | | | 17 | | | 27 | | |
| 8 | | | 18 | | | 28 | | |
| 9 | | | 19 | | | 29 | | |
| 10 | | | 20 | | | 30 | | |

7

REPEAT PROCESS

- Repeat step 4 to 6 an additional 29 times to reach a total of 300 meters
- Make sure you DO NOT sample the same place twice!

8

ENTER YOUR FINAL TOTALS

- Add up the number of ticks removed from the drag cloth at each stop
- Add up the number of lint roller sheets used at each stop
- Put these numbers into your collection sheet

TOTAL # TICKS
IN VIALS:

TOTAL # LINT
ROLLER SHEETS:

**REMEMBER! TAKE A
PHOTO OF YOUR
COLLECTION SITE &
COLLECTION SHEET**