

1. Determine what type of test you want to do (most common are in grey):

Type-Code	Milk Star	Top Ten	VT Required	Description
DHIR 20 - Standard	Y	Y - 93 DCR - VT	Top Ten Only	-tester comes 1x per month -AM and PM same day
ADGA ITP 00 - Every Other Month	Y	N	Y	-owner and tester alternate months -owner weighs and submits sheets -tester weighs and collects samples
ADGA ITP 02 - APCS	Y	Y - 93 DCR - 3 weights	Y	-testing done monthly, AM & PM -tester and owner alternate AM & PM -time monitor required be installed
DHIR 22 - APCS	Y	Y - 93 DCR	Y	-tester collects AM or PM, alternating each month
DHIR 23 - AP	Y	Y - 93 DCR - 96%-110% DRPC herd avg	Y (bulk tank comparison)	-bulk tank required -tester collects AM or PM, alternating each month -DRPC determines 2 <sup>nd</sup> weight -breed associations may have requirements
DHI 40 - Owner Sampler Advanced Registry	Y - 75 DCR - VT (60-150 DIM)	N	Star Only (60-150 DIM)	-owner samples monthly -240 days (10 months) in milk required -8 tests minimum

- NOTE: Any of these plans can be done in group testing (3 herds minimum, test each other).
- NOTE: You may or may not be enrolled in DHI to compete in a one-day milk competition, star can be earned.

2. Contact your local DHIA lab

- Broken Top Farm uses Washington DHIA
- Fill out required paperwork sent by DHIA, then they will get you your herd code

3. Become a tester/locate a tester

- Renew Annually (in person at a local, approved test administrator or via mail with the DHIA)
- When locating a tester, consider if you're doing
  - Owner Sampling – you need a verification tester 3x per testing year
  - Tester Sampling – how often, per the above chart, will you need a tester
- Join the Facebook Group “Find Local Testers for DHIA/DHIR Milk Tests – GOATS”
  - Locate the post about your state and comment or contact as needed

4. Select the DRPC (dairy records processing center) you want to use

- Options for WA-DHIA
  - Amelcor (Utah)
    - Broken Top uses this lab, as WA-DHIA is able to work better with their systems
  - Agritech (California)
  - DRMS (North Carolina)

5. Purchase a scale and get it tested/certified by a meter center
  - Look for a hanging scale, weighs in lbs and tenths of lbs
    - Broken Top uses AWS H-110
  - List of meter center on DHIA website
    - Washington DHIA is a certified meter center
    - They offer you to order the scale on Amazon, ship to their address as a gift, noting who the scale belongs to, then they will mail back to you with tubes, paperwork, and the scale
  
6. Sign up with ADGA for your DHI Testing
  - You will need your herd code, tentative start of testing, test type, and your tester's name, their ADGA ID, and their contact
  - ADGA Form "DHIR New Herd Enrollment" or "DHIR Renewal"
  
7. Milk Test Begins
  - Your lab will send you vials and a milk sheets
  - Make sure to start before 90 days in milk (DIM)
  - Make sure you are testing less than 45 days apart
  - Assign control numbers to your goats
    - Broken Top recommends using the last four of the goat's registration number
  - Each goat costs a fee at the lab
    - At Amelcor, it is \$5 per goat
  - For support along the way, find a local mentor or join the Facebook group "DHIR-DHIA GOATS"
  - Complete WA-DHIA invoice (if using WA-DHIA)
  - Send info and milk in

**\*How to Complete the Milking Process, Package, and Ship Your Samples and Sheets\***

- Confirm your scale is working and your supplies are ready (vials, stainless steel bucket, ladle)
- Ensure your vials still have the preservative in them
- On your milk sheets, write down the start time of milking in military time
- Tare the empty bucket's weight on the scale
- Strip each teat and milk the goat out fully into the bucket
- Weigh and record the milk weight on the barn sheet
- Stir the milk (don't whip) for 30 seconds
- Using a ladle, scoop all the way to the bottom of the bucket and straight up, pour this into the vial until it is half fulling ½ of the vial
- After milking all does, record the end milking time in military time on the barn sheet
- At your second milking time of the day, follow the same steps, fill up the remaining ½ of the vial (leave ~1/4 inch space in the vial)
- Write in this order, in three lines, on the vial lids: doe's control number, doe's name
- On the vial of the doe with the lowest and the doe highest control number, write your herd code on a third line
- Wrap the lid of each vial with painter's tape, just enough to go around once, and leaving a small, folded-over piece for easy peel off at the lab
- Do not store samples in the fridge, keep away from sunlight, heat, extreme cold, and agitation
- Cool all samples to 45 degrees just prior to shipping (3-4 hours in the fridge)
- Put your white barn sheet and invoice in a Ziploc baggie in the bottom of the box
- Put each vial in a Ziploc baggie and wrap with a rubber band
- Recommended to ship priority mail for speed (must arrive within 6 days) and pack tightly
- WA-DHIA Shipping Address: PO Box 528, Burlington, WA 98233-0528
- In summer, fill a few extra vials with water and freeze, put in Ziploc baggies and place with sample vials
- Always double check the reports you get back with your barn sheet copies for accuracy of ALL info
- Errors/edits/changes can be noted in RED pen for better visibility

**Codes:    2=First Freshening    1=Second or More Freshening    6= Dry    7=Sold**

**DHIR Requirements for a Milk Star/Advanced Registry**  
(Nigerian Dwarf Only)

<b>Age at Freshening</b>	<b>Milk LBS</b>	<b>Butterfat LBS</b>	<b>Protein LBS</b>
<b>2-00 or Younger</b>	<b>600</b>	<b>31.00</b>	<b>18.00</b>
<b>2-01</b>	<b>603</b>	<b>31.09</b>	<b>18.08</b>
<b>2-02</b>	<b>605</b>	<b>31.18</b>	<b>18.15</b>
<b>2-03</b>	<b>608</b>	<b>31.26</b>	<b>18.23</b>
<b>2-04</b>	<b>610</b>	<b>31.35</b>	<b>18.30</b>
<b>2-05</b>	<b>613</b>	<b>31.44</b>	<b>18.38</b>
<b>2-06</b>	<b>615</b>	<b>31.53</b>	<b>18.45</b>
<b>2-07</b>	<b>618</b>	<b>31.61</b>	<b>18.53</b>
<b>2-08</b>	<b>620</b>	<b>31.70</b>	<b>18.60</b>
<b>2-09</b>	<b>623</b>	<b>31.79</b>	<b>18.68</b>
<b>2-10</b>	<b>625</b>	<b>31.88</b>	<b>18.75</b>
<b>2-11</b>	<b>628</b>	<b>31.96</b>	<b>18.83</b>
<b>3-00</b>	<b>630</b>	<b>32.05</b>	<b>18.90</b>
<b>3-01</b>	<b>633</b>	<b>32.14</b>	<b>18.98</b>
<b>3-02</b>	<b>635</b>	<b>32.23</b>	<b>19.05</b>
<b>3-03</b>	<b>638</b>	<b>32.31</b>	<b>19.13</b>
<b>3-04</b>	<b>640</b>	<b>32.40</b>	<b>19.20</b>
<b>3-05</b>	<b>643</b>	<b>32.49</b>	<b>19.28</b>
<b>3-06</b>	<b>645</b>	<b>32.58</b>	<b>19.35</b>
<b>3-07</b>	<b>648</b>	<b>32.66</b>	<b>19.43</b>
<b>3-08</b>	<b>650</b>	<b>32.75</b>	<b>19.50</b>
<b>3-09</b>	<b>653</b>	<b>32.84</b>	<b>19.58</b>
<b>3-10</b>	<b>655</b>	<b>32.93</b>	<b>19.65</b>
<b>3-11</b>	<b>658</b>	<b>33.01</b>	<b>19.73</b>
<b>4-00</b>	<b>660</b>	<b>33.10</b>	<b>19.80</b>
<b>4-01</b>	<b>663</b>	<b>33.19</b>	<b>19.88</b>
<b>4-02</b>	<b>665</b>	<b>33.28</b>	<b>19.95</b>
<b>4-03</b>	<b>668</b>	<b>33.36</b>	<b>20.03</b>
<b>4-04</b>	<b>670</b>	<b>33.45</b>	<b>20.10</b>
<b>4-05</b>	<b>673</b>	<b>33.54</b>	<b>20.18</b>
<b>4-06</b>	<b>675</b>	<b>33.63</b>	<b>20.25</b>
<b>4-07</b>	<b>678</b>	<b>33.71</b>	<b>20.33</b>
<b>4-08</b>	<b>680</b>	<b>33.80</b>	<b>20.40</b>
<b>4-09</b>	<b>683</b>	<b>33.89</b>	<b>20.48</b>
<b>4-10</b>	<b>685</b>	<b>33.98</b>	<b>20.55</b>
<b>4-11</b>	<b>688</b>	<b>34.06</b>	<b>20.63</b>
<b>5-00 or Older</b>	<b>690</b>	<b>34.15</b>	<b>20.70</b>