

## Small Ruminant Producers: Do you want more parasite resistant animals?

**Summer 2022: Free Fecal Egg Count (FEC) analysis  
to assist with selective breeding for resistance to gastrointestinal worms**

### AVAILABLE TO:

**New or current National Sheep Improvement Program (NSIP) members either in or marketing to the Northeast who want to generate Estimated Breeding Values (EBV) for parasite resistance.**

- Producers must be able to obtain and ship fecal samples once or twice (at least 4 weeks later) following NSIP recommendations.
- Animals must **NOT** have been dewormed within 4 weeks of sampling.
- Fecal egg counts can be conducted **for all young stock** whose data is being submitted to NSIP.
- For more information on the benefits of membership in NSIP please visit <http://nsip.org/> or contact the NSIP Program Director, Rusty Burgett, ([info@nsip.org](mailto:info@nsip.org)).

## OR

**Non-NSIP members living in New England, NY, NJ, PA, WV, MD, DE**

- Have a history of problems with gastrointestinal nematode worms.
- Are FAMACHA<sup>®</sup> certified (online training program is available).
- Are willing to share FAMACHA<sup>®</sup> scores as well as general herd/flock information/history.
- Have the ability to obtain and ship fecal samples once or twice (at least 4 wks later).
- Animals must **NOT** have been dewormed within 4 weeks of sampling.
- To allow us to provide this service to the maximum number of producers we are focusing the FEC testing on **young replacement animals**.

FAMACHA<sup>®</sup> scores can be used to indicate that worm season is active and will provide fecal egg counts high enough for meaningful analysis (minimum herd average >500 eggs/g). Scores of 3 or higher in 10% or more of your flock/herd or an overall upward trend in FAMACHA<sup>®</sup> scores away from normal 1's and 2's indicate increasing parasite loads. Peak parasite season occurs typically from mid-July through mid-September in most of the U.S. NSIP producers should plan on submitting a first set up samples in July to allow for the 30 to 45 days needed before sending the second set of samples.

**We prefer that first samples are taken by Mid-August 2022 but samples will be accepted for analysis through September 30, 2022.**

**Please complete the Pre-Registration to receive further information.**

**Access the Pre-Registration by clicking [here](#) for the link.**

**Please contact Elizabeth Kass or Dr. Katherine Petersson, University of Rhode Island at [urisheepandgoat@etal.uri.edu](mailto:urisheepandgoat@etal.uri.edu) with any questions.**

For more information on small ruminant parasite control visit our website at <http://web.uri.edu/sheepngoat>.

