



American Polypay Sheep Association



Instructions for collecting and sending fecal samples and sire blood cards

Insulated box provided by the APSA will contain: These instructions and Sire Blood Cards

Items you will need: Disposable gloves, Ziplock bags (or some other bag that can eliminate oxygen and be sealed), and disposable ice packs (they won't be returned to you).

Fecal Sample Collection: Lambs that have on pasture for at least 45 days and are from at least 2 different sires (at least 10 lambs per sire) for a maximum of 100 samples. If you send more than 100 samples, you will be billed by LSU for them at \$3/sample. Samples are best shipped on Monday-Wednesday to they don't arrive on a weekend.

1. Place glove on hand
2. Insert 2 fingers into sheep's rectum
3. Extract fecal sample (about 6 pellets is a good amount)
4. Place collected feces in ziplock bag or other sealable plastic bag
5. Label bag with sheep identification
 - a. Get ALL OF THE AIR OUT of the bag
 - b. Close bag
 - c. Immediately keep sample cool (on ice or in a refrigerator)
6. Place samples in 1 gallon ziploc bag and label with date collected, your name, and address.
7. Place in insulated shipping box with FROZEN ice packs and immediately overnight ship to:

Dr. James Miller
LSU School of Veterinary Medicine
Dept. PBS Rm 3315
Skip Bertman Drive
Baton Rouge, LA 70803
225-578-9652

(include a copy of this sheet so LSU knows they will be paid for by the APSA)

8. Keep receipt for shipping and remit to the following for reimbursement of shipping costs:
American Polypay Sheep Association
c/o Christopher Schauer
104 Highway 12 West
Hettinger, ND 58639

Sire Blood Card Collection: On the sires from the sire groups represented above, collect 2 blood cards per sire (instructions are on the cards) and return to the APSA address listed above. Cards will be stored by Dr. Christopher Schauer at the North Dakota State University Hettinger Research Extension Center for potential future research evaluating DNA markers for parasite resistance. Send the receipt for mailing along with the blood cards and you will be reimbursed for shipping costs.

Questions: Contact Christopher Schauer (701-567-3582; chris_schauer@yahoo.com) or Jerry Sorensen (712-755-7250; wclones@harlannet.com).