



Idaho Trich Program Updates

The Idaho State Department of Agriculture (ISDA) is sharing several essential updates about Idaho's Trichomoniasis Program:

- Announcement of a new tag program,
- Current import requirements for surrounding states, and
- Testing costs.

ISDA will begin shipping 2022-2023 orange Trich tags starting August 22.

New Trich Tag Program

After many years of feedback about tag backorders and shipping delays, ISDA is announcing **tag distribution** for the Idaho Trich Surveillance program. Beginning with the 2022-2023 testing season, all Trich tags for placement in Idaho bulls will be ordered from and distributed by the ISDA. The tag manufacturer (Allflex) will remain the same. Trich tags can no longer be obtained from other vendors.

Beginning on August 22, 2022, online orders can be placed with ISDA to obtain orange Trich tags for the 2022-2023 testing season. The ISDA website <https://store.isda.idaho.gov> will contain the portal for all clinics to place their order and pay for the tags. The total cost to veterinarians, including shipping and handling, for 2022-2023 Trich tags will be **\$1.50 per tag**. The minimum required order will be 20 tags. Larger tag orders can be made in increments of 10. Once payment is received via credit card or check and the order is processed, tags will be shipped out. Please allow 3-5 business days to process each order.

In previous years, many vets have experienced backorders and supply delays at critical points throughout the season which has negatively impacted the cattle industry on multiple levels. ISDA hopes to resolve these issues by supplying Idaho's full tag allotment for the entirety of the testing season before September 1. Having Idaho's full supply of Trich tags in-stock at the beginning of the season should eliminate the frustration of having to cancel/reschedule appointments due to tags being out-of-stock.

Trich Import Requirements

In-clinic Trich cultures remain valid for annual in-state surveillance testing. However, cultures are no longer accepted for grazing permits or entry/re-entry into Idaho. Please see below for regional import requirements.

State	Entry Requirement	PCR for Import	Culture for Import
Idaho	Negative w/in 60 days - all bulls > 18 mos	Yes – Ind. & Pool	No
Montana	Negative w/in 60 days - all bulls > 24 mos	Yes – Ind. & Pool	No
Nevada	Negative w/in 60 days - all bulls > 12 mos	Yes – Ind. & Pool	Yes
Oregon	Negative w/in 60 days - all bulls > 18 mos	Yes – Ind. & Pool	No
Utah	Negative w/in 30 days - all bulls > 12 mos	Yes – Ind. & Pool	Yes (3 tests req'd)
Wyoming	Negative w/in 60 days - all bulls > 18 mos	Yes – Ind. & Pool	No

Trich Testing Costs

In addition to the supply challenges, the cost of testing materials and the ability to consistently order and receive those supplies has been greatly impacted as well. Trich culture pouches and Trich PCR transit tubes have skyrocketed in price and supply has not met demand. To help alleviate issues with these specialized and expensive lab supplies to collect and ship a Trich sample, the Idaho Animal Health Lab (AHL) has developed a new PCR protocol that will allow Idaho vets to submit PCR samples in alternate, more affordable, and readily available sample containers.

Idaho vets can now submit any Trich sample for **individual or pooled PCR testing** to the Idaho AHL in a **15ml centrifuge tube** using **phosphate-buffered saline (PBS)** as the transport media. Note: Pooling of samples is completed by AHL staff. This new protocol will decrease the cost of the materials required to submit Trich samples to the AHL for PCR testing to **~\$0.37 per tube**.

New ISDA PCR protocol can save vets 97% in test tube costs over previous options.

Cost Comparison of Trich Supplies and Testing Fees (Culture vs. Pooled PCR)

	In-Clinic Culture	PCR	New PCR Protocol
Testing Supplies	InPouch for Trich Culture ~\$11.07/pouch	Transit Tube for Trich PCR ~\$11.68/tube	15ml Centrifuge tube w/ PBS ~\$0.37/tube
Processing Costs	staff time + test recertification requirement	Idaho AHL Pooled PCR (5) \$7.80/animal	Idaho AHL Pooled PCR (5) \$7.80/animal
Pros/Cons	Prone to human error Pouch is light/temp sensitive Results take > 1 week	DNA test – more accurate Not sensitive to light/temp Results in 48 hours*	DNA test – more accurate Not sensitive to light/temp Results in 48 hours*
Cost per animal	~ \$11.07/animal + staff time	~ \$19.48/animal	~ \$8.17/animal

*PCR results may be delayed due to seasonal factors

Trich PCR samples can now be submitted using a **15 ml centrifuge tube (screw top) with 3-5 ml of PBS**. Please keep in mind, the container **MUST** be a **15ml centrifuge tube** to fit into the AHL centrifuge. Alternate sized sample containers will not be accepted. Listed below are examples of appropriately sized containers and their order sku from some commonly used veterinary distributors:

MWI	SKU	COST
Medline Industries Premium centrifuge tube, clear sterile 15 ml	101306	\$0.25/tube
Sarstedt Centrifuge tube	031902	\$0.26/tube
Jorgenson conical centrifuge tube	032292	\$0.35/tube
Phosphate buffered saline (PBS) (Sold in 1X & 10X concentrations. 10X PBS <u>must</u> be diluted to 1X prior to inoculation)	051213	500 ml ~\$0.06/ml
	051212	1000 ml ~\$0.04/ml
Fisher Scientific		
Globe Scientific 15ml centrifuge tube	22-171-713	\$0.56/tube
Globe Scientific General Purpose 15ml centrifuge tube	22-171-716	\$0.29/tube
Phosphate buffered saline (PBS) (Sold in 1X & 10X concentrations. 10X PBS <u>must</u> be diluted to 1X prior to inoculation)	SH3025601	500 ml ~ \$0.05/ml
	SH3025602	1000 ml ~\$0.04/ml
ThermoFisher Scientific		
Nunc 15ml Polypropylene centrifuge tube	339658	\$0.71/tube

Contact Information

Animal Health Lab (lab supplies or testing questions): Email ahl@isda.idaho.gov, ph. (208) 332-8570.

ISDA online store (order tags): Website <https://store.isda.idaho.gov>

Procurement/Ordering Questions: Email animal.information@isda.idaho.gov

General Program or Regulatory Questions: Dr. Scott Leibsle – Idaho State Veterinarian

Email scott.leibsle@isda.idaho.gov; ph. (208) 332-8540.