



Livestock Management Solutions

Premium Long Term Identification



Tru-Test, datamars

DATAMARS Livestock

We are a division of Datamars, a global company. Datamars Livestock provides the platform and tools for today's producers to better manage their livestock.







We know that when our customers are able to collect and use data to make informed decisions, they achieve better and more consistent results. Simply, accurate livestock management translates to profitable operations.

Datamars Livestock is here for producers just like you. We are here to support you through the everyday requirements of livestock production. Our innovative and well-developed technology works alongside you, in the real nitty-gritty, day to day tasks.

Datamars Livestock links tools that promote animal health, enable precision animal management, and improve protein production. These tools work together, communicating with each other and communicating with you.

When you're working the land, we're there with you. In the field and online, our digital platform connects you with information about your livestock, bolstering your intuition and enabling you to make precise, informed decisions.

Datamars Livestock - our products work with each other, but most importantly, they work with you.

livestock.datamars.com







Table ofContents

Contents

Animal Identification

Why Z Tags?
Selecting your identification
Printing options9
Tag selection chart10, 11
Z1 No-Snag-Tag 12
Z1 Application Instructions15
Stockman Two Piece Tag

Stockman Application Instructions	19		
lectronic Tags			
ComfortEar & ComfortEar Slim	21		
Application Instructions	22		
Matched Pair Sets	23		
Driginal Punch Tags	24		
Original Application Instructions	27		



For more information about any of our brands or products, visit: ztags.com, tru-test.com, or livestock.datamars.com

Tissue Range 28
Benefits of Tissue Testing 29
Application Instructions
Taggers 32
Tagger Selection Chart
Accessories
Tips for Tag Retention

Electronic Identification Systems

Why EID?	37
Portable readers	38
Panel reader	40
Selection Guide	41
Datamars Livestock Training Academy	45
Other brands by Datamars Livestock	47

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ANIMAL IDENTIFICATION



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Why Z Tags?

Providing producers with identification tools for over 25 years, Z Tags products include visual tags, electronic identification (EID) tags, and innovative applicators that make tagging livestock easy, safe, and efficient.

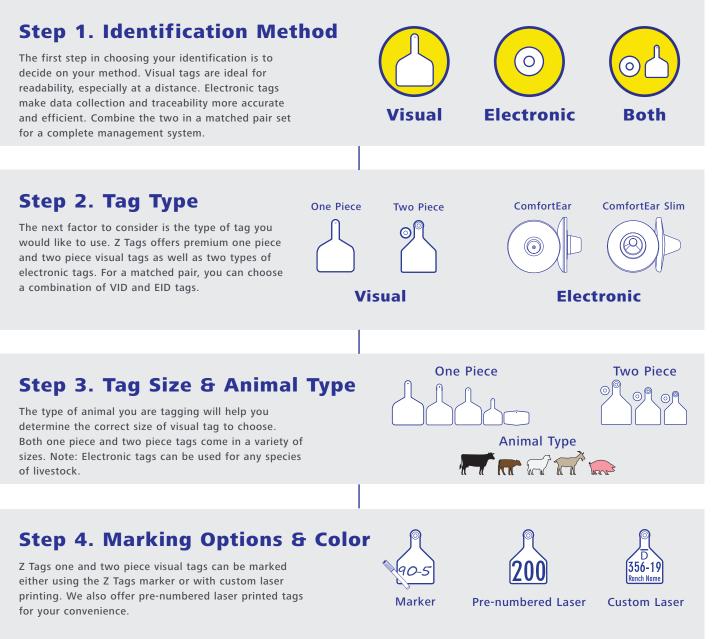
The Z Tags range offers high-quality livestock identification tags and applicator devices, designed to meet your operation's needs.

We recommend using Z Tags and Tru-Test products together, giving you a complete identification and animal management solution.

Select your identification

A crucial component to building an effective livestock management system is to have reliable, durable animal identification. Z Tags provide a variety of tools for visual and electronic identification. Our new Tissue Tag range also brings you the latest technology in collecting samples for genetic testing (see page xx for more information).

These steps will help you select the best identification tools to meet your operation's needs.



The one and two piece visual tags also come in a variety of colors.



YOUR TAGS, YOUR WAY.

From custom brands and ranch names to visual and electronic ID numbers, you can customize your tags with laser printing that's guaranteed readable for the life of the animal.

 Owner Name
 JOHN SHEPARI

 Phone Number
 800-123-4567

 Address
 1110 WINDY ROAD

 Address
 1110 WINDY ROAD

TAG SELECTION CHART

Tag	Details	Identification Method	Animal Type
	Cow	Visual	
	Calf	Visual	
Z1 No-Snag-Tag	Long Neck Calf	Visual	
	Small Animal	Visual	
	Нод	Visual	
	Cow	Visual	
Stockman	Calf	Visual	
	Small Animal	Visual	
Original	Large	Visual	
Original	Small	Visual	
ComfortEar	Full Duplex	Electronic	
ConnortLar	Half Duplex	Electronic	
ComfortEar Slim	Full Duplex	Electronic	
	Half Duplex	Electronic	
Tissue Tag	One Size	Visual	

TAG SELECTION CHART

Tag	Details	Marking Options	Color	Applicator
	Cow	Marker Pre-numbered Laser Custom Laser		Z1 No-Snag-Tagger
	Calf	Marker Pre-numbered Laser Custom Laser		Z1 No-Snag-Tagger
Z1 No-Snag-Tag	Long Neck Calf	Marker Pre-numbered Laser Custom Laser		Z1 No-Snag-Tagger
	Small Animal	Marker Pre-numbered Laser Custom Laser		Z1 No-Snag-Tagger
	Нод	Marker Pre-numbered Laser Custom Laser		Z1 No-Snag-Tagger
	Cow	Marker Pre-numbered Laser Custom Laser		Z2 No-Tear-Tagger Universal Tissue Tagger
Stockman	Calf	Marker Pre-numbered Laser Custom Laser		Z2 No-Tear-Tagger Universal Tissue Tagger
	Small Animal	Marker Pre-numbered Laser Custom Laser		Z2 No-Tear-Tagger Universal Tissue Tagger
Original	Large	Embossed Hot stamp*		Original Punch Tagger
Original	Small	Embossed Hot stamp*		Original Punch Tagger
ComfortEar	Full Duplex	Pre-printed only		Universal
Connortear	Half Duplex	Pre-printed only		Universal
ComfortEar Slim	Full Duplex	Pre-printed only	•	Z2 No-Tear-Tagger Universal Tissue Tagger
connortear silfi	Half Duplex	Pre-printed only		Z2 No-Tear-Tagger Universal Tissue Tagger
Tissue Tag	One Size	Custom Laser	•	Tissue Tagger

*Hot stamp printing is available with a custom hot stamp fee.

Z1 NO SNAG ONE PIECE TAG

The original one piece ear tag and still the best you can buy.

•••••• Easy Application

The flexible stem is easy to load on the Z1 No-Snag-Tagger

•• Flexible Construction

 Tag won't snap off or rip ears when the weather turns cold or ears get tangled up

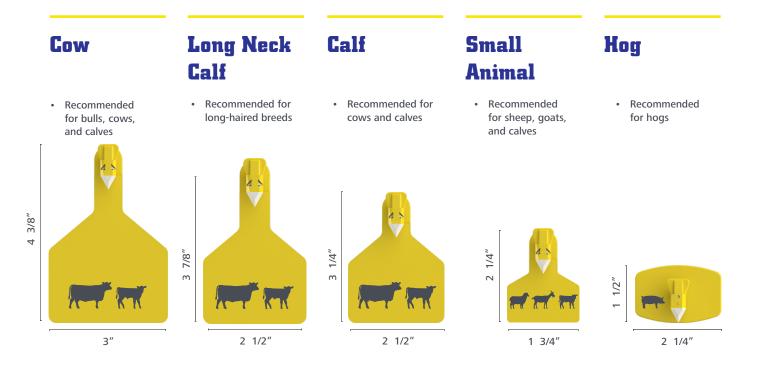
 Features a sharp tip to make a surgical cut which heals much faster than a puncture wound from forcibly punching the tag through the ear

Superior Tip · · · · ·

Large Panel ····

 Features a large panel for custom laser printing or marking by hand with a Z Tags Marker TIM SMITH 800-433-3112 **309**

Available in five sizes.



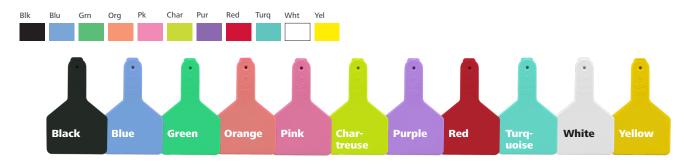
Available in two print options.

Custom Laser

- Guaranteed readable for the life of the animal
- Recommended print type



Available in eleven colors.



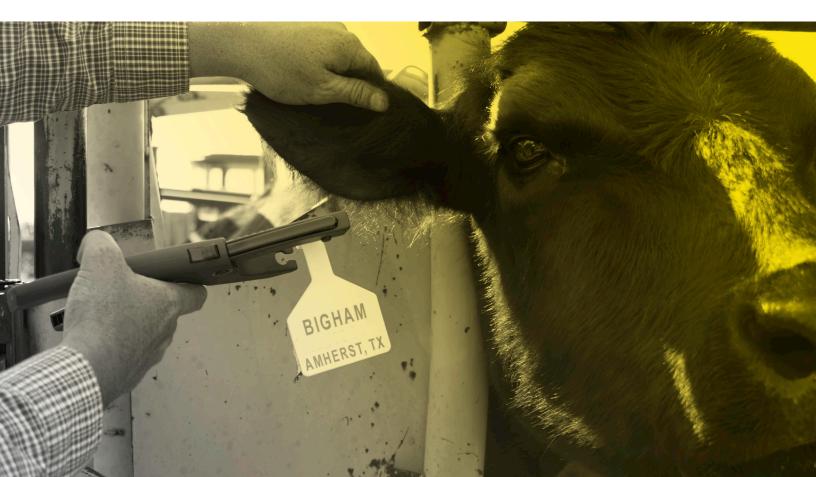
Marker

- Use two coats for longer lasting marks
- Product: 700 2500-239



Apply with the Z1 No-Snag-Tagger



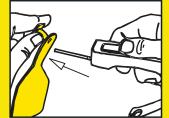


15

Z1 Tag Application Instructions.



1. Flip tagger pin up to tag loading position.



2. Insert pin into tag.



3. Straighten self-piercing tip and push down onto pin. Make sure the tag is fully seated on the pin.





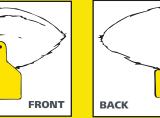
4. Rotate tag to the side. Flip the tagger pin down into tagging position.



5. Tag through the front of the ear only. To apply tag, squeeze handles firmly together and hold closed.



 Pull Z Tags tagger straight down and away from the ear in one single motion. DO NOT RELEASE HANDLES AT ANY POINT DURING THIS STEP. The pin automatically flips up to eliminate ripped ears.



BACK

A PROPERLY INSERTED TAG SHOULD LOOK LIKE THIS.

"Tag retention is our top priority. We use Z1 one piece tags because we don't have to worry about them staying in."

Garrett Bigham Bigham Cattle, Amherst, TX

STOCKMAN TWO PIECE TAG

The premium two piece tag as tough as you are.

Tamper Evident Option •

 Tamper evident tags available for use in branded beef or similar value-added programs

Unique Female Design

 The female tag rotates freely around the rivet, reducing torn ears and promoting faster healing

Flexible Construction ••••••

 Tag won't snap off or rip ears when the weather turns cold or ears get tangled up

Large Panel · · · ·

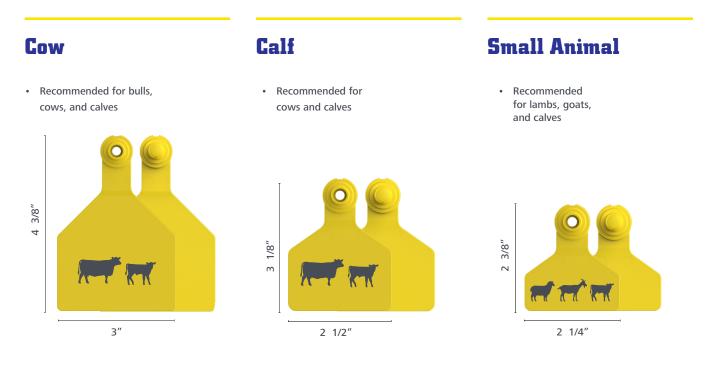
 Features a large panel for custom laser printing or marking by hand with a Z Tags Marker



••••• Superior Tip

 Features a sharp tip made of metal to surgically pierce the ear rather than forcibly punching the tag through

Available in three sizes.



Available in two print options.

Custom Laser

- Guaranteed readable for the life of the animal
- Recommended print type



Marker

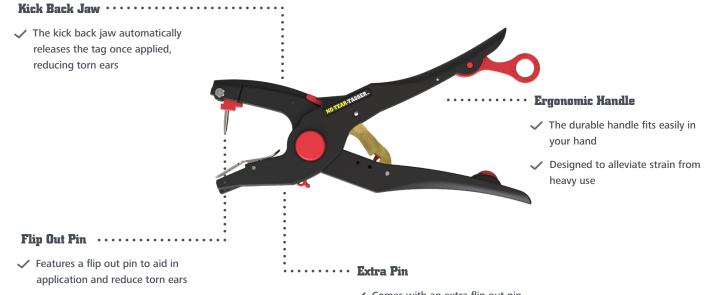
- Use two coats for longer lasting marks
- Product: 700 2500-239

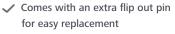


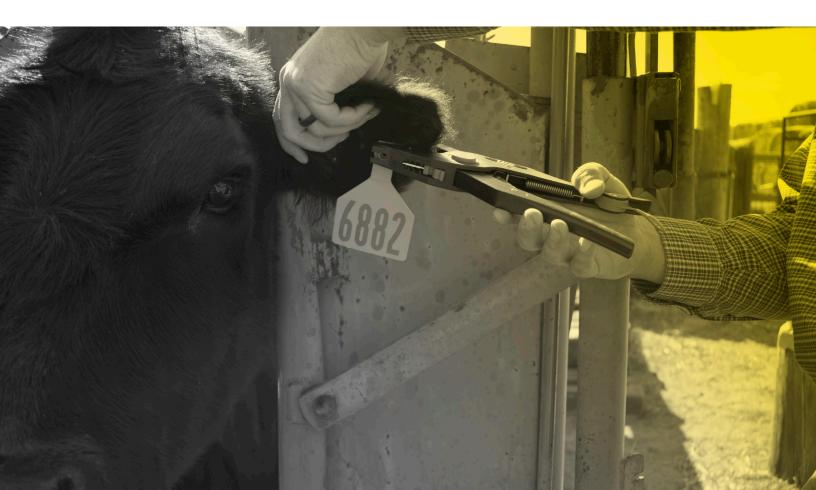
Available in thirteen colors.



Apply with the Z2 No-Tear-Tagger





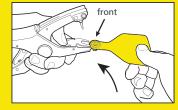


19

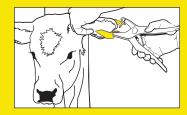
Stockman Tag Application Instructions.



1. Push the matching male rivet or male panel up onto the tagger pin in the upper jaw.



 Insert a female tag (front facing down) under the holding clamp in the lower jaw of the tagger.



3. Position the tag between the two main cartilages, approximately halfway between the animal's head and the ear tip. Squeeze the tagger handles firmly closed. When the male and female tags have locked together, the tagger jaws will pop open in a reflex action (and the pin may flip out), releasing the tag without tearing the animal's ear.

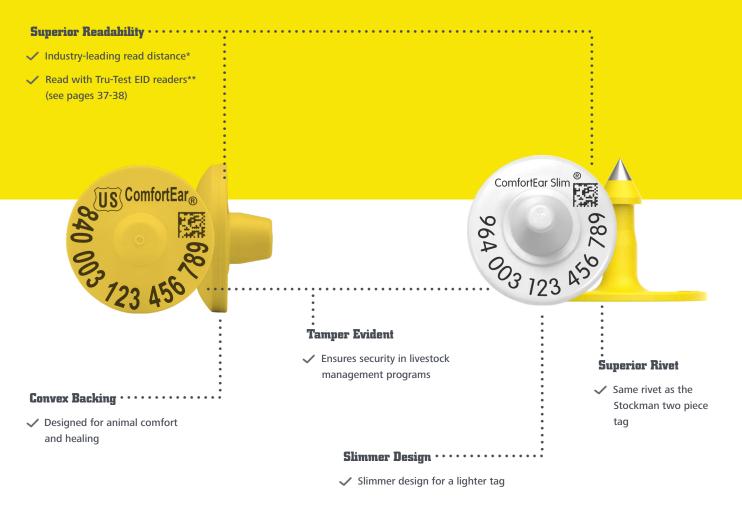
"Z Tags are quality products that are extremely durable. This is the easiest tagging system we've ever used!"

Jim Dobson Dobson Ranch, Kaw City, OK



ELECTRONIC IDENTIFICATION

Premium radio frequency ear tags for superior electronic identification.



*Depends on reader quality and environmental factors.

** Can be read with other EID readers

How it works.

Tru-Test

EID Technology

- Electronic ear tags emit a low frequency signal to be read by a portable or stationary EID reader
- EID numbers are unique to each animal like a visual ID
- Electronic ID numbers make data collection more efficient and accurate
- Collecting ID numbers electronically helps reduce data entry errors
- Electronic ID numbers can be paired with visual ID numbers on a data collection device
- Only the electronic ID number is stored and transmitted from the tag; all other data is collected and stored on other management devices

Available in two options.

ComfortEar®





Diameter: 1 1/4"

Weight: 6.8 g

Frequency:

134.2 kHz

• Dimensions:

.

Suitable for all livestock



- Available in FDX and HDX
- Apply with Universal Two Piece Tagger
- Available with 988 or with 840 USDA approved numbers
- Laser printed to last

ComfortEar® Slim



Suitable for all livestock



- Available in FDX and HDX
- Apply with Z2 No-Tear-Tagger™ or any Universal Two Piece Tagger
- Available with 964 or with 840 USDA approved numbers
- Laser printed to last
- Dimensions:
 - Diameter: 1 1/8"
 - Weight: 4.2 g
 - Frequency: 134.2 kHz

ComfortEar Application Instructions.



1. Push the male button completely onto the tagger pin. The button will stay in position.



2. Depress the spring clamp and insert the ComfortEar EID tag. Insert the EID tag all the way to the stop.



3. Position the tag between the two main cartilages, approximately halfway between the animal's head and the ear tip. Squeeze the tagger handles firmly to apply the tag.



4. Slightly release grip pressure and pull tagger away from the ear.

ComfortEar Slim Application Instructions.



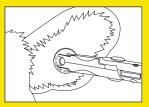
1. Push the male button completely onto the tagger pin. The button will stay in position.



2. Depress the spring clamp and insert the ComfortEar Slim EID tag. Insert the EID tag all the way to the stop.



3. Position the tag between the two main cartilages, approximately halfway between the animal's head and the ear tip. Squeeze the tagger handles firmly closed.



4. When the male and female tags have locked together, the tagger jaws will pop open in a reflex action (and the pin may flip out), releasing the tag without tearing the animal's ear.

"I recommend Z Tags to my customers for all of their program cattle. They are easy to use, easy to read, and they always stay in."

Mark Freeman Superior Livestock Representative

988 001 001 874 099

Wht

Turq

Matched pair sets

Matched pair sets give the unique opportunity to combine the efficiency of EID tags with the readability of visual tags.

Z1 No-Snag-Tag

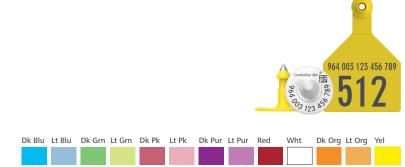
Compatible with ComfortEar or ComfortEar Slim.

- One piece visual tag
- Designed for fast tagging and healing
- Foolproof design for superior retention
- Sizes: Cow, Calf, Long Neck Calf, Small Animal, Hog



Compatible with ComfortEar Slim.

- Two piece visual tag
- Flexible material to prevent ripped ears
- Outstanding readability and durability
- Sizes: Cow, Calf, Small Animal



Char

Blu

Grn

Org

Pur

Red

Herdsman

Compatible with ComfortEar.

- 840 approved visual tag
- · Can be printed with 840 approved EID number
- Wide neck for more print space
- Sizes: Cow, Calf, Small Animal



ORIGINAL ONE PIECE TAG

The original hard plastic, snag-proof tag.

Classic Design

- Snag-proof, open-end construction
- Allows the tag to free itself from fences or brush without damage to the tag or ear

Durable Construction

- Molded from a permanently colored, weather resistant polymer
- ✓ Will not crack, freeze, or fade
- Expected lifetime of up to 20 years

····· Versatile

- Quick, easy, & permanent
- Excellent hospital tag

Available in three sizes.

Large

• Recommended for bulls, cows, and calves

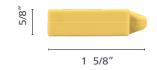




Small

• Recommended for lambs, goats, and calves





Available in two print options.

Hot Stamp

- Hot stamp printing will last up to 4 years
- Sequential numbers must be hot stamped
- Personalize with up to 2 lines of 8 letters each on small size and up to 2 lines of 10 letters each on the large size.



Debossed

• Up to 5 numbers on the large size and 4 on the small size

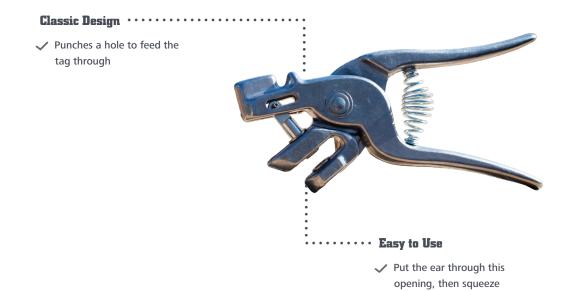


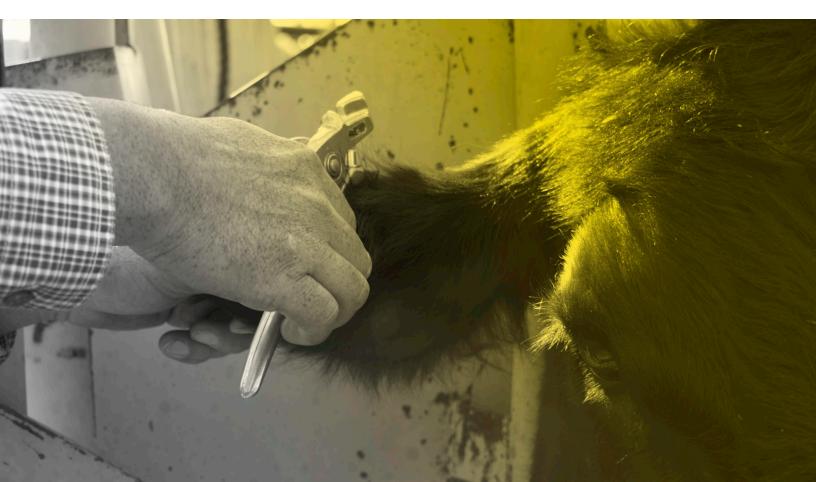
Available in thirteen colors.





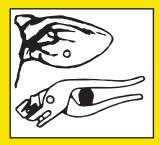
Apply with the Original Punch Tagger





handles to punch hole

Original Tag Application Instructions.



1. Punch hole in ear.



2. Feed long round end down through hole.



3. Tag hangs with split ends down.



Questions about Z Tags products? We're here to help.

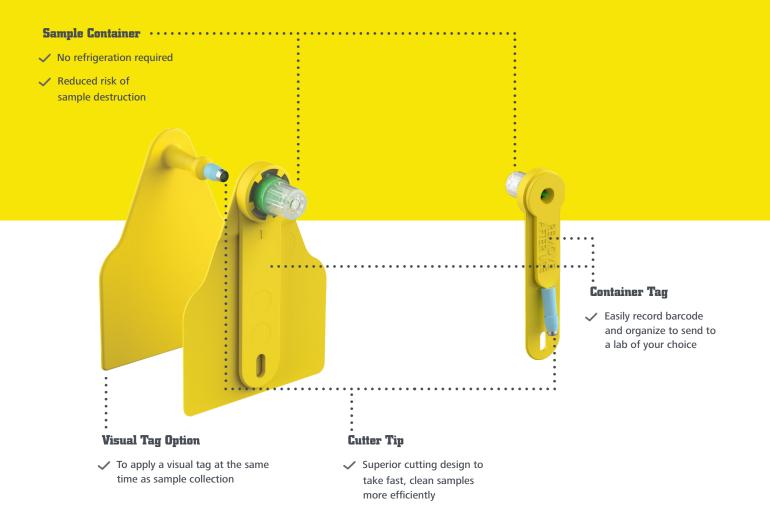


🗰 ztag



TISSUE TAG RANGE

The industry-leading design in tissue collection technology.



Benefits of tissue testing.

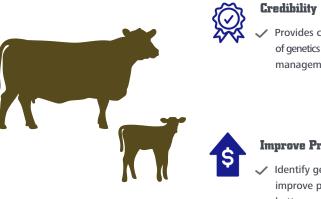


Genetic Testing

Take a fast & clean collection of sample DNA to determine genetics



Disease Testing Accurately test for or prevent disease within your herd



Provides credibility & proof of genetics before making management decisions

Improve Profitability

Identify genetic markers to improve profitability through better resource management (ex: feed efficiency, reproductive tendencies, etc.)

Available in two options.

Tissue Sampler + Tag

Suitable for cattle that need a management tag in addition to a sample being taken.

84000

- · Yellow lifetime tags are laser printed
- Dimensions

2.25" w x 3" h



Suitable for livestock that already have a visual or electronic ear tag.

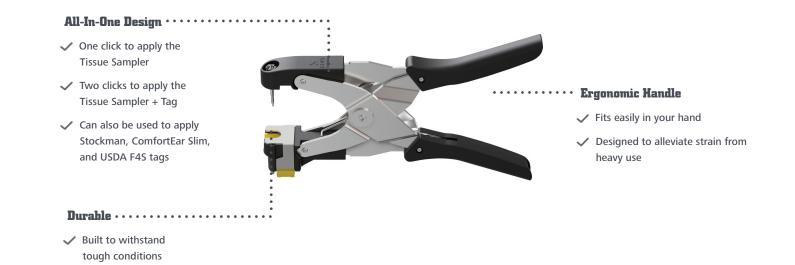
 This sample goes directly into a vial of desiccant. The vial is pre-labelled with a scannable unique barcode, to tie to an animal's ID. That barcode can be matched with RFID tags or VID tags.

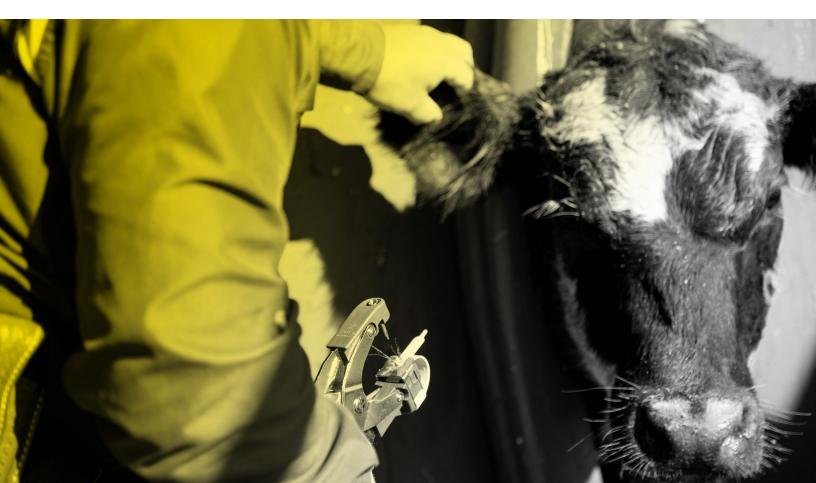




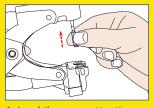
Apply with the Tissue Tagger

All-in-one design to reduce the number of tools you need.





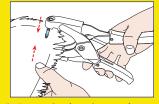
Tissue Sampler Application Instructions.



 Load the gray cutter tip onto the tagger pin, holding it from the base, not from the tip.



2. On the bottom jaw, push the metal plate up and slide the sample vial underneath it. Clip the sample vial flag onto the tagger lug. Partially close the tagger to ensure that the male cutter tip is centered with the female sample vial. DO NOT FULLY FASTEN THE TAG!

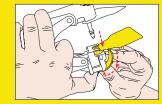


3. Determine location on the ear to collect the sample. Compress the tagger handles completely to take the sample.

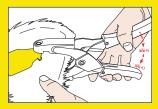
Tissue Sampler + Tag Application Instructions.



 Slide the male tag onto the tagger pin. Position the male flag to either the left or right side.



2. On the bottom jaw, push the metal plate up and slide the sample vial and female tag underneath it. (Sample vial and female tag need to be fastened together.) Clip the sample vial flag onto the tagger lug. Position the female tag to the side. Partially close the tagger to ensure that the male cutter tip is centered with the female sample vial. DO NOT FULLY FASTEN THE TAG!



3. Position the tag in the middle of the ear with the male tag facing the back of the ear. Compress the tagger all the way through the ear to feel a double click. A double click confirms that the sample was taken and the tag was applied.

Why Z Tags Tissue Tags?

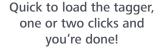




The process of loading the tagger is easy and taking a sample is almost identical to tagging an animal.



SPEED





Our dry dessicant is proven to preserve a higher quality sample that can be stored up to 6 months at room temperature.

Taggers

Z1 No-Snag-Tagger



- Trusted by producers for more than 20 years
- Flick out pin helps eliminate ripped ears
- Lightweight and durable

Product code: 930 0100-002 Spare pin included Z2 No-Tear-Tagger



- Unique double action kick back jaw and flick out pin enhances health and safety for the animal and the producer
- Ergonomic handles allows you to tag the animal's ear either from the front or back

Product code: 700 2300-288 Spare pin included

Universal Tagger



- Rough handle makes it easy to grip while tagging
- Long-life applicator comes with a safety clip and spare needle
- Can also be used to apply USDA F4S RFID tags

Product code: 700 0800-113

Original Punch Tagger



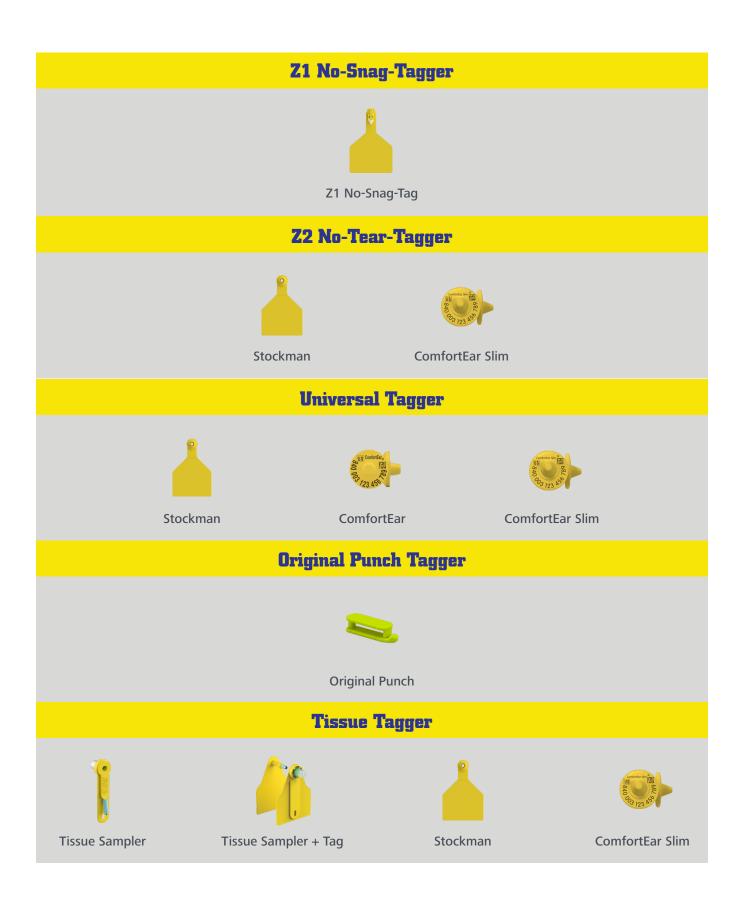
- Classic, rugged design
- Easy to use



Tissue Tagger

- Designed to reduce the number of tools you need
- Strong, durable, and reliable

Tagger Selection Chart



Accessories

Multi-Cutter 2

Z Tags Marker





- Dual razor blade design for quick and easy removal of tags, twine, latex bands and other material
- Fluorescent yellow handle is easy to locate
- Convenient hole to be hung

Product code: 700 2300-288

 Use two coats for longer lasting marks







5 Tips For Tag Retention



Location

It's important to educate your crew on where in the animal's ear ID tags should be applied. Always place tags on the inside half of the ear closest to the head. See diagram below for ideal locations.



Make A New Hole Every Time

Never put a new tag into an existing hole. Previously scarred ear tissue will not heal tightly around the shaft of the new tag if you put it in an existing hole. You will thank yourself later.



Proper Tagging Supports Animal Health

The person tagging animals must be sure to avoid the circulatory system in the ear and the cartilage that supports it. Severing a vein or artery is messy and may lead to frost bite and tag loss in cold environments. Always prioritize proper tagging techniques.



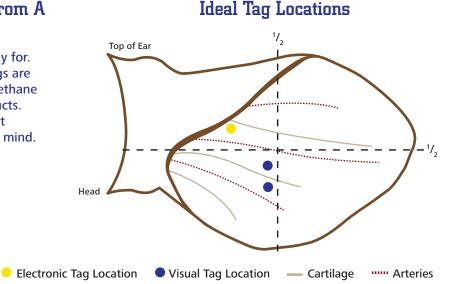
Use Tools & Techniques to Promote Healing

Properly sanitize equipment and use tags that allow the ear to heal tightly around the shaft. Also to prevent infection, you should always use new tags.



Use High Quality Tags From A Manufacturer You Trust

Remember, you get what you pay for. Quality-focused, brand-name tags are made with higher quality polyurethane that outperforms low cost products. Also, choose a manufacturer that designs products with healing in mind.



Electronic Identification Systems





Why EID?

Tracking your animals using electronic identification (EID) will give you ultimate control over the profitability of your livestock by increasing the accuracy and efficiency of data collection.

Tru-Test has worked hard with livestock producers to develop our range of EID readers to be the best available on the market.

Portable and panel EID readers

Electronic Identification (EID) means individual animals can be tracked through their entire life cycle via an electronic ear tag. Tagging animals with an electronic tag provides an opportunity to better manage the individual performance of those animals.

Over time, an animal's weight history can be tracked, good and bad performers can be identified, and resources can be better managed to ensure profits are maximized.

With a Tru-Test scale indicator and a portable or panel EID reader, animals can be scanned at the time of weighing.

Individual animal weights and other traits can be recorded against each animal's unique ID number. Information is stored within the scale indicator, ready for you to view in the field or back at the office.



PORTABLE EID READERS

XRS2 Stick Reader

Read, record, edit, and customize individual animal information.

- 1 million scanned tag memory
- Capture up to 15 pieces of customizable information for each animal
- Customizable alerts such as withdrawl period
- Reads all FDX and HDX tags
- Can accept uploaded EID/ VID matched pairs
- Alpha numeric keypad for flexible data entry
- Bluetooth[®] wireless technology for operation while connected to a scale



SRS2 Stick Reader

Read and record EID tag information.

- 250,000 scanned tag memory
- View EID and visual tag information to confirm accurate scanning
- Reads all FDX and HDX tags
- Can accept uploaded EID/ VID matched pairs
- Bluetooth[®] wireless technology for operation while connected to a scale





PANEL EID READER

XRP2 Panel Reader

Tru-Test's superior read technology ensures quick and reliable tag reads every session.

- Reads all FDX and HDX tags
- Use as a stand alone tag recording device and animal counter or send tag numbers to a Tru-Test scale
- · Requires a large or small antenna

Product code: 824995

Large Antenna

Rugged design and easy to install large antenna

- For cattle and deer
- Read range up to 3 feet
- Antenna size: 24 inches x 34 inches

Product code: 824996



Small Antenna

Rugged design and easy to install small antenna

- For sheep, goats, and swine
- Read range up to 3 feet
- Antenna size: 16 inches x 17 inches







TRU-TEST





SELECTION GUIDE

QUESTION	SRS2	XRS2	XRP2
I want a portable EID reader that can travel to multiple locations with minimal set up.	\checkmark	\checkmark	
I want to upload EID/VID matched pairs from my computer.	\checkmark	\checkmark	
I want to record EID tags for branded beef programs.	\checkmark	\checkmark	
I want to scan EID tags and collect customized data in the field.		\checkmark	
I want a stationary EID reader to automate tag reading for my chute or working pens.			\checkmark
I want to send EID numbers to a Tru-Test scale in real time.	\checkmark	\checkmark	\checkmark

Data Link App for Smartphone



Datamars Livestock Data Link is a free application for Apple iOS and Android that enables you to easily download data stored on your Tru-Test Wi-Fi and Bluetooth® enabled EID readers or scale indicators.

- Send session data to Datamars Livestock to track your groups to target weights and share up-to-date reports
- Select a session file to email back to the office or send to another recipient
- Open a session and review individual animal records
- If you're not in 3G or Wi-Fi coverage, your session will automatically upload the next time you get coverage

DATA LINK FOR SMARTPHONE COMPATIBILITY GUIDE

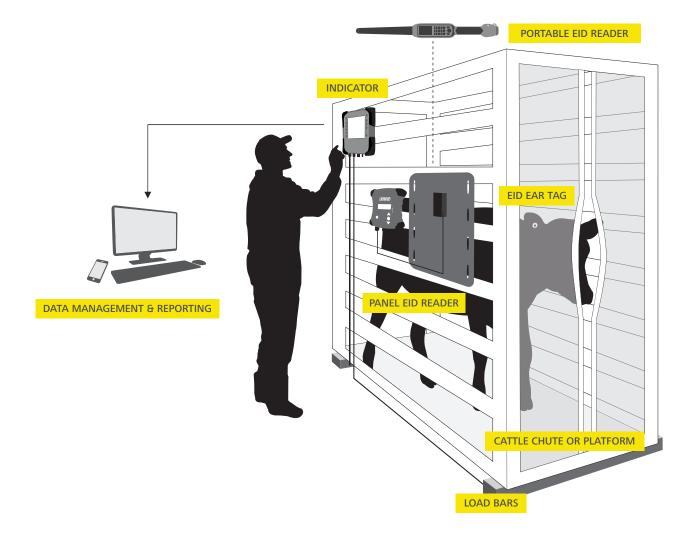
Product	iOS	Android
XRS2, SRS2	\checkmark	\checkmark
XRP2		\checkmark

Data Collection in Action

See how it works

To find out more and see our weighing and EID products in action, visit youtube.com/TruTestNorthAmerica





Benefits of Weighing



Maximize Profits

Increase profitability - you can't manage what you can't measure.



Collect Key Data

Closely manage inputs - track performance and weight gain to better manage feed and resource costs.



Monitor Performance

Collect data and closely monitor key weights such as birth weights, weaning weights, and yearling weights to maximize individual animal performance.



Treatment Accuracy

Maximize treatment efficiencies – more accurately calculate dosage

Learn about Datamars Livestock solutions and products in an easy, accessible way!



datamars Livestock.

Join our FREE Datamars Livestock Training Academy

Courses are short and available 24/7. Work at your own pace and share your certificate on LinkedIn when you're done!

Register online at academy.livestock.datamars.com









Tru-Test's range of weighing products and EID readers help producers improve productivity and profitability.



Providing producers with their identification needs for over 25 years, Z Tags products include long-term visual tags, electronic tags, and innovative applicators that make tagging livestock easy, safe, and efficient.



Temple Tag has been the number one choice of professional cattle feeders since 1957. These products are uniquely designed to provide durable, efficient identification solutions for shortterm use in a feedyard or stocker operation setting.







ztags.com

templetag.com



We're committed to delivering a broader, integrated animal management portfolio, so we've united our product brands under one family – Datamars Livestock. Our goal is to give producers the tools they need to help feed the growing global need for high quality protein.

Our journey starts with young animals being tagged at birth. As your animals grow, our identification tools can help you track inputs more precisely. Our syringes will help you dose more accurately and efficiently, saving you time and stress. Our line of livestock scales and EID readers takes this one step further, allowing you to collect and manage data throughout the animal's lifecycle.

Managing inputs isn't just about the livestock either – our electric fencing and automatic waterers give you more control over the natural resources you use every day.

Datamars Livestock takes pride in quality products and exceptional service. We believe in the future of agriculture, and we're here to help you face whatever challenge comes your way.



From incredibly powerful energizers to a range of durable accessories, Speedrite premium electric fencing products offer a seriously unbeatable combination of power, innovation, and reliability.



Patriot's range of electric fencing energizers and accessories match your needs for simplicity, reliability, and performance - all at an outstanding value.



NJ Phillips animal health delivery systems are proven to perform under many different conditions. These products are known for accuracy, quality, and ease of use.







speedrite.com

patriotglobal.com

njphillips.com

DATAMARS Livestock

800.433.3112 livestock.datamars.com



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