

Recommended Application Instructions for Washington State Brucellosis RFID Tag

The Brucellosis RFID tag is an Allflex HDX High Performance RFID tag and is applied in place of the metal Brucellosis tag by a Washington licensed accredited veterinarian when Calhood or Mature vaccinating

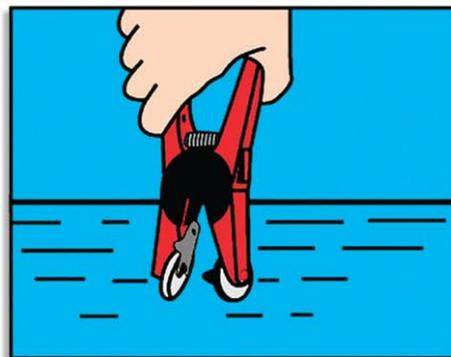
Apply Allflex Electronic ID Tags using the appropriate tag applicator. When using the Universal Total Tagger (Red), use the Red Blunt Pin and remove the Insert (white or black) from the base of the jaws.



1. To load, depress spring clip and insert the female RFID tag. Ensure that the raised portion of the tag, which encloses the transponder chip, is placed in the open portion of the jaws.

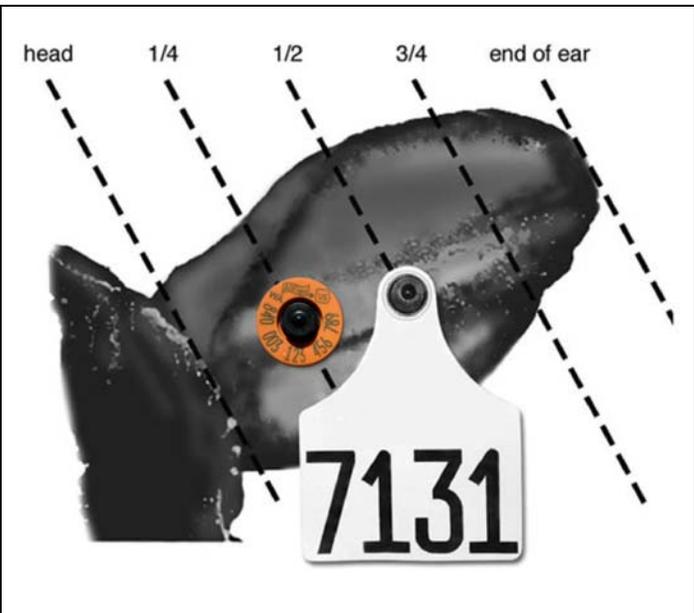


2. Slip the male tag completely onto the blunt applicator pin. Squeeze the jaws together lightly to ensure the male shaft is in line with the female.



3. Dip the jaws of the applicator holding the tag into an antiseptic or disinfectant solution.

Recommended Brucellosis RFID Tag Placement for Cattle



Application site must be free of foreign debris prior to placement of tag on the animal. Review application instruction prior to tagging.

1. The Brucellosis RFID tag is placed in the animal's **“left”** ear, within the first quarter of the animal's ear, between the two cartilage ribs. The tag **is not placed in the right ear** because it will cover the vaccination tattoo.
2. The female portion of the tag should be on the inside of the ear with RFID tag application. Note that this is a thicker part of the ear. Application may be more difficult than when applying a visual tag.

IMPORTANT: Caution, “Free Air Space” is critical for proper healing and retention. Inspect placement after tagging to ensure there is sufficient space between ear and RFID tag.

Record the full 15-digit number onto the Brucellosis test / other official forms where the animal identification is required.

Washington State Brucellosis RFID Tag FAQ

Q. Are the RFID tags shipped in sequential order?

A. Yes.

Q. Why is the RFID tag placed in the **“LEFT”** ear?

A. The Washington Brucellosis RFID Tag is a USDA approved “alternate” tag and placed in the left ear. If placed in the right ear, it would cover the vaccination tattoo.

Q. What if the left ear of the animal is completely unusable (e.g., frostbitten, torn)?

A. The right ear may be used.

Q. Can the tag be placed in other parts of the ear (e.g., top, end)?

A. We do not recommend the tag be placed in any part of the ear other than the recommended application site:

- The recommended application site will result in the greatest retention, allow for growth of the ear in immature animals and provides a well-defined read zone for animals passing next to readers.
- Tags placed too close to the head will not have sufficient space between the two disks of the tag to allow the piercing to heal properly.
- Tags placed too far from the head will increase the probability of snagging on objects, reducing retention and making the animal’s ear susceptible to tearing.
- Not all animals’ ears are equal. The tag may be adjusted by as much as one-fourth to one-third from the head to allow for proper air space for healing.

Q. What tag applicator do I use to apply the RFID tag?

A. Use only Allflex RFID applicators available from any Allflex distributor or retailer. Manufacture notes:

- The black clip in the jaws of the pliers must be removed to install RFID tags.
- The total tagger plus applicator (Green) and the Retract-O-Matic (Orange) are better for installing RFID tags in volume.
- Warming the tags in the cab on the way to the producer increase tag flexibility, improving application ease.

Q. What type of reader do I use to read the RFID tag?

A. Any ISO-compliant reader can be used to read the RFID tag (134.2 KHz).

Q. Can producers purchase Washington Brucellosis RFID tags?

A. No. This is a USDA Brucellosis program disease tag. Only Washington licensed accredited veterinarians may purchase and apply the RFID tag.

Q. Why use HDX (half-duplex) RFID tags?

A. HDX technology is considered “the gold standard” for livestock electronic identification, and offers the greatest possible read distance.

Q. Can the RFID tag store additional information?

A. No. The tag cannot store additional information besides the number printed on the tag.

Q. Can the RFID tag transmit the location of my animal to satellites?

A. No. RFID tags are passive transponders (have no battery or internal power supply):

- The RFID tag read range is very short: 3 to 6 inches for hand-held readers and up to 3 feet for alley panel readers.