

Beacon Heat Seeker Application Instructions

Storage: Always store heat patches upright (as indicated by the arrows) in a cool, dry environment.

Preparation: Clean off any debris, loose hair or dust to maximise adhesion.

- Make sure the application area is as clean as possible by removing any dirt or manure.
- Ensure the application area is dry before applying heat patches.
- If the cow has loose hair, remove this from the application area with light brushing.

Make sure to brush in the direction of the hair growth.

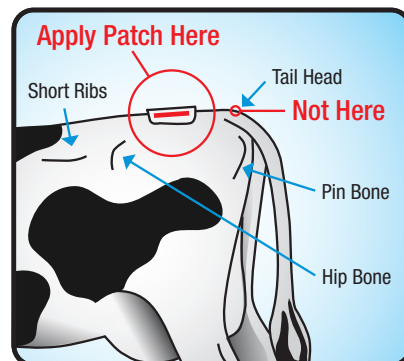
Do not brush too vigorously as this will release oils from the hide.

Hair clipping (to approx. 15mm) may be necessary if excessively long hair allows the patch to move off the backbone when pressure is applied.

- Using the supplied tack cloth, remove any dust from the application area by giving it a single wipe in the direction of the hair growth.

Placement: Ensure heat patch is correctly positioned to enable activation.

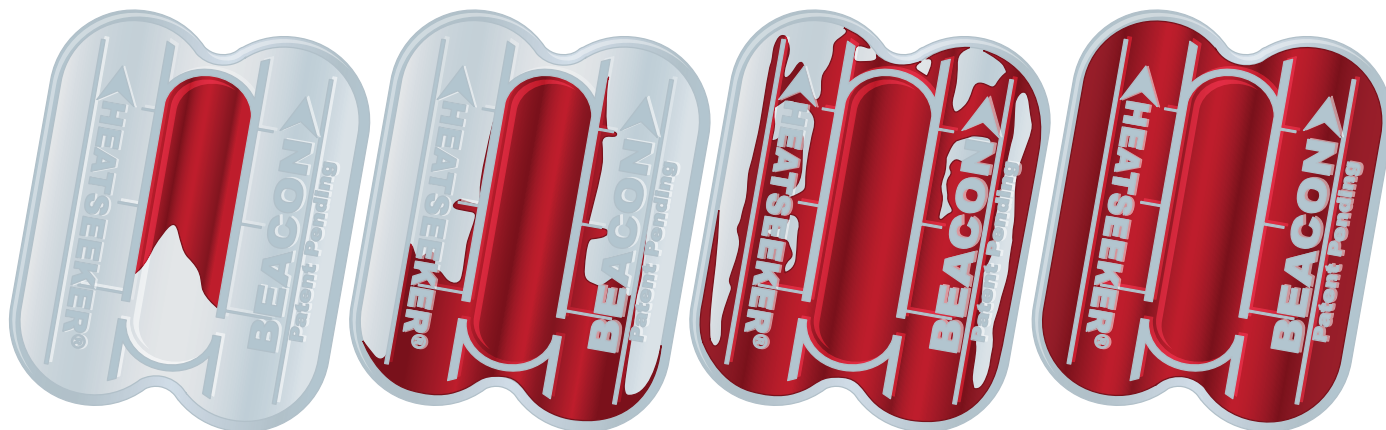
- Heat detection patches are positioned across the backbone of the cow where the briskeet of the mounting cow will apply the most pressure.
- For an average sized 500kg cow, position the front edge of the heat patch in line with the back of the hip bones as per the illustration. On taller, broader cows the heat patch should be placed closer to the rear (approx. 3cm closer to the tail for every 50kg over the 500kg average).
- Avoid placing the heat patch over dips in the backbone.



Application: Adhere the heat patch to the chosen location.

- For maximum adhesion, warm the heat patch to a temperature of at least 35° C (95° F) before applying. This is best done via placing the patches on a warmed surface or by placing them within a heated enclosure to ensure that the entire patch is sufficiently warmed through.
- Peel the heat patch from the backing film.
- With the arrows pointing to the head of the cow, apply firm thumb pressure to the side and end panels of the heat patch.
- Ensuring that all edges have been pushed down securely and that no pressure has been applied directly to the central capsule.
- Do not apply the heat patch over tail paint or other treatments.

Maintenance: Once applied, check heat patches every 2 to 3 days to check retention and to ensure they are free of excessive soiling.



2 HOURS

5 HOURS

8 HOURS

11 HOURS

*These time ranges are indicative as the migration of the dye is dependent upon the amount of bulling activity that has occurred.



beacon
AUTOMATION
BOVINE HEAT DETECTION

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