



APPLICATIONS

ARTIFICIAL INSEMINATION WITH DETECTED ESTRUS

Apply A.I.TAGS detectors as shown on the package. When the detector shows that the animal has been mounted, inseminate animal according to protocol. After insemination, apply a new A.I.TAGS detector to check the results of the insemination. If the 2nd detector, in the course of 18/25 days, is in the same state as at the time of application, the animal is not showing returned heat cycle. Conversely, if the detector records mounting / estrus activity, inseminate again (it **has** returned to a heat cycle).

FIXED TIME/ IATF PROTOCOLS ARTIFICIAL INSEMINATION

1. When hormones are injected apply the A.I.TAGS detectors. Then only artificially inseminate cows where mounting activity/estrus is registered. With the remaining cows leave the detector applied and perform AI when estrus is detected.
2. In re-synchronization or review of estrus, apply the A.I.TAGS detectors at the time of use of CIDR (controlled intravaginal device for release of progesterone) in animals that are not pregnant. Then re-inseminate only those cows where no mounting activity / estrus was detected in the A.I.TAGS detectors. At that time, change the A.I.TAGS detectors of the re-inseminated animals for new ones to certify in the following days that the estrus detectors have not detected return to heat cycle after mounting activity.

SIMPLE SYNCHRONIZATION

Applying the A.I.TAGS estrus detectors along with hormones for all cows released into service, you will be able to increase your estrus detection rate (certain estrus, without any

decrease in conception rate) without difficulty. Combined use of estrus detectors and hormones is very useful.

SYNCHRONIZATION WITH BULLS / NATURAL SERVICE / CONTROLLED MOUNTING

Before sending the animals to the bulls' corral, facilitate handling of your herd by applying A.I.TAGS estrus detectors and selecting the animals showing the first estrus.

ADDITIONAL USES:

DETERMINE ESTRUS CYCLE / PUBERTAL STATUS

To select a suitable herd of gynecologically ready and sexually cycling cows, apply A.I.TAGS detectors to your young cows 18 to 25 days before the start of the breeding season. Perform daily monitoring within that period. If the estrus detector has not been activated, there are high chances that your young cows have not started CYCLING NORMALLY.

If an A.I.TAGS detector shows at least 50% of the color layer, this indicates that the young cows are cycling normally and have a better chance of conceiving at the beginning of the season of service. It is recommended to have a re-examination by the veterinarian, by ultrasound or touch.

CONFIRM

After your program of artificial insemination, or after the bulls have been separated from their flock, apply the A.I.TAGS detectors to your cows. Perform daily monitoring for 18-25 days (the duration of estrus). If the A.I.TAGS detector has not been activated, there are high chances that your cow's insemination was successful. It is recommended to have a re-examination by the veterinarian, by ultrasound or touch. If the A.I.TAGS detector shows at least 50% of the color layer within this period, the cow has been mounted several times and has returned to a heat cycle.