HEAT DETECTION SYSTEMS & MILKING PARLORS SYSTEMS IN CZECH REPUBLIC

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Distributors & Dealers

afimilk
Vital know-how in every drop

Fullwood

GEA
WestfaliaSurge

BouMatic

DAIRYMASTER

OVALERT®

DeLaval

farmtec®

LELY
— innovators in agriculture —

SCR

CowManager®

ENGS Systems
Innovative Dairy Solutions

CRV
BETTER COWS > BETTER LIFE

DeLaval (AlfaLaval)

- Country of origin: Sweden
- Main program: **Delpro (Alpro – Older version)**
- Heat detection from DeLaval
- Kind: Necktag (G-Sensor)
- Measures: Heat
- Monitoring: 24/7 (online)
- Antenna range: 100 m

Advantages

- Heat detection
- Connection to MP system
- Mobile app
- Support of technology

Disadvantages

- Not connected to other systems
- Low measurement of behaviour
- Connected only to DeLaval
- Miss support in reproduction

Compatibility

- ISO identification with Ovalert (New MP´s/ gates -> 2016>)
- CRV connect to VM (FAN, Groups, pregnancy, left open)
- Everything could be on one belt (OVALERT + identification)

CRV
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3

- Country of origin: Czech Republic
- Main program: **Farmsoft** (Old MP Fastos)
- Heat detection from: Agrosoft
- Kind: Necktag (G-Sensor) or pedometer
- Measures: heats, eating a rumination
- Monitoring 24/7 (online)
- Antenna range: min 50 m

Advantages

- Measuring heats, eating a rumination
- Connection to MP program
- Mobile app

Disadvantages

- Not proved, unreliability, failure rate
- Not show time period eating a rumination
- Not user friendly
- Must be within Farmsoft
- Support

Compatibility

- Connection to VeeManager (responders, FAN, groups, pregnancy, left open)
- All on one belt (OVALERT + identification)
  - Customer could have only legtag identification or together with Ovalert on necktag

CRV
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Producer: **afimilk** Vital know-how in every drop

Main distributor: **Fullwood**

- Country of origin: Israel
- Main program: **Afifarm**
- Heat detection from Afimilk
  - Kind: pedometer AFI TAG II/Vitality plus (G-Sensor)
  - Measures: number of steps, staying, laying
  - Monitoring 24/7 (online)
  - Antenna range: min 150 m

Others: Lukrom Milk, Agromont Vimperk

Advantages

- Heat detection accuracy
- Measuring second characters in Afifarm
- Accurate animal identification

Disadvantages

- Only in Afifarm
- Not web based (local PC)
- Not measuring eating and rumination
- Identification powered from battery
- Capacity of 1 receive limited to 250 pcs
- Customer has to have for identification

Compatibility

- Connection to VeeManager (responders, FAN, groups, pregnancy, left open)
- Customer has to have pedometer and OVALERT
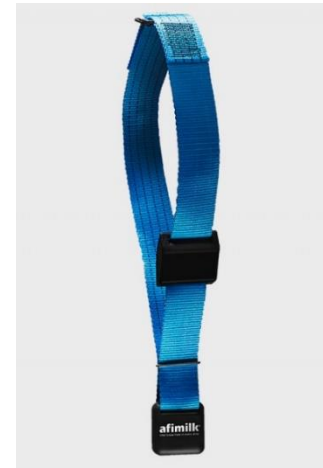- **New possibility – passive identification from AFI + OVALERT!**

CRV BETTER COWS > BETTER LIFE

Producer: **afimilk** Vital know-how in every drop

Main distributor: **Fullwood**

- Country of origin: Scotland (owner AFIMILK)
- Main program: **Afifarm** Silent Herdsman
- Heat detection from Afimilk
- Kind: Necktag – SilentHerdsman (G-Sensor)
- Measures: heats, eating a rumination
- Monitoring 24/7 (online)
- Antenna range: min 500 m one direction

Advantages

- Web access
- Part of AFIFARM
- Measuring heats, eating & rumination
- Accurate animal identification
- Mobile app

Disadvantages

- Not extra proved in CZ
- Data calculation in Cloud
- Support for system and reproduction

Remark

- Customer has to have to necktag. Direct competition for OVALERT

CRV BETTER COWS › BETTER LIFE

- Country of origin: USA
- Main program: **Herdmatrix** (SmartDairy)
- Heat detection from **NEDAP**
- Kind: Necktag (G-Sensor) brand name Heat Seeker
- Measures: heats, eating a rumination
- Monitoring 24/7 (online)
- Antenna range: min 80 m in average

Advantages

- Measuring heats, eating a rumination
- Connection to MP system
- see Ovalert

Disadvantages

- For mobile app only Velos
- Combined data only in Herdmatrix
- Support in reproduction

Compatibility

- Connection to VeeManager (responders, FAN, groups, pregnancy, left open)
- All on one belt
- Full compatibility with MP´s from 2010
- Possibility to takeover installation from Boumatic

- Country of origin: USA

- Main program: **Herdmatrix** (SmartDairy)

- Heat detection from **Boumatic**

- Kind: Necktag (G-Sensor) brand name RealTime+

- Measures: heats, eating a rumination

- Monitoring 24/7 (online)

- Antenna range: min 80 m in average

Advantages

- Measuring heats, eating a rumination
- Connection to MP system
- Mobile app

Disadvantages

- Not proved in Czech Republic
- Support in reproduction and advisory

Compatibility

- Customer has to have to necktag. Direct competition for OVALERT

- Country of origin: DEU
- Main program: **DairyPlan**
- Heat detection from **NEDAP** – brand name CowScout
  - Kind: Necktag (G-Sensor)
  - Measures: heats, eating a rumination
  - Monitoring 24/7 (online)
  - Antenna range: min 80 m

Advantages

- Measuring heats, eating a rumination
- Connection to MP system
- see. Ovalert

Disadvantages

- Connected only via DairyPlan (local PC)
- Mobile app only in Velos
- Health is not shown in Dairyplan

Compatibility

- Connection to VeeManager (responders, FAN, groups, pregnancy, left open)
- All on one belt
- Full compatibility with MP´s from 2010
- Possibility to takeover installation from Boumatic

- Country of origin: US
- Main program: **DairyComp (PC Dart)**
- Heat detection from **NEDAP** – brand name CowWatch
  - Kind: Necktag (G-Sensor)
  - Measures: heats, eating a rumination
  - Monitoring 24/7 (online)
  - Antenna range: min 80 m

Advantages

- Measuring heats, eating a rumination
- Connection to various MP system
- see. Ovalert

Disadvantages

- Lack of tech support (depends on country)
- Not everything is in DairyComp from VELOS

Compatibility

- Connection to VeeManager (responders, FAN, groups, pregnancy, left open)
- All on one belt
- Possibility to takeover installations from Alta

- Country of origin: CAN
- Main program: **DairyComp (VAS)**
- Heat detection from **NEDAP** – brand name SEMEX ai24
- Kind: Necktag (G-Sensor)
- Measures: heats, eating a rumination
- Monitoring 24/7 (online)
- Antenna range: min 80 m

Advantages

- Measuring heats, eating a rumination
- Connection to various MP system
- see. Ovalert

Disadvantages

- Lack of tech support (depends on country)
- Not everything is in DairyComp from VELOS

Compatibility

- Connection to VeeManager (responders, FAN, groups, pregnancy, left open)
- All on one belt
- Possibility to takeover installations from Alt**a**
- **Semex sells as well SCR solution**

- Country of origin: NL
- Main program:**T4C**
- Heat detection from: **SCR** brand name **QWES**
- Kind: Necktag (G-Sensor)
- Measures: heats a rumination
- Monitoring 24/7 (online)
- Antenna range: at least 500m

Advantages

- Measuring heats a rumination
- Reliability and quality
- Connection to T4C
- Mobile app

Disadvantages

- Only for T4C
- Only for robots from LELY
- Support in reproduction and advisory

Compatibility

- Connection to VeeManager (responders, FAN, groups, pregnancy, left open)
- Customer has to have to necktag. Direct competition for OVALERT
- **New A5 robots could be with NEDAP technology**

DAIRYMASTER

- Country of origin: Ireland
- Main program: **DairyMaster**
- System for heat detection MooMonitor
- Kind: Necktag (G-Sensor)
- Measures: heats a rumination
- Monitoring 24/7 (online)
- Antenna range: min 1000 m

Advantages

- Measuring heats a eating a rumination
- 10 years lifetime
- Mobile app
- Connection to Mooml

Disadvantages

- Only MP´s from DairyMaster
- Everything calculated in Cloud
- Not compatible with other systems

Compatibility

- Connection to VeeManager (responders, FAN, groups, pregnancy, left open)
- Identification could be on one belt together with OVALERT

CRV
BETTER COWS › BETTER LIFE

- Country of origin: Israel

- Brand name: **SenseTime**

- Kind: Necktag (cSense) or eartag (eSense)

- Measures: heats, eating and rumination

- Monitoring 24/7 (online)

- Antenna range: min 500 m one direction

Advantages

- Measuring heats, eating and rumination
- 7 years lifetime
- System quality
- Mobile app
- Measuring group
- Measuring second characters
- Independent from technology
- Connection to Mooml
- Add ISO identification to eartag

Disadvantages

- No compatibility with MP´s (only LELY)
- Everything calculated in Cloud
- Data entry duplicity
- 4 years lifetime for eartags and then farmer has to change whole herd
- Exact position of the responder required
- After 7 years famer has to pay new fee for new period

Remark

- Price of the responders is fixed, but total price differentiate due to the module that farmer chose – licencing Starter, Advance a Premium

- Country of origin: Israel
- Brand name: **Heatime** HR (H)
- Kind: Necktag (G-Sensor)
- Measures: heats a rumination
- Monitoring 24/7 (online)
- Antenna range: min 200-500 m one direction

Advantages

- Measuring heats rumination
- 7-10 years lifetime & system quality
- Mobile app
- Measuring groups
- Measuring second characters
- Independent from MP´s
- Connection to Mooml
- Adding ISO to eartag

Disadvantages

- Integrated identification only with Lely
- Not compatible with other systems
- Double data entry
- Exact position of the responder required
- Different versions of Heatime (till 600 cows) and Heatime PRO+ (till 6000 cows)

Two versions of responders!

- Heatime H – only heats
- Heatime HR –heats a rumination (more expensive)

- Country of origin: NL
- Brand name: **CowManager**
- Kind: Eartag (G-Sensor)
- Measures: heats, eating, rumination, temperature, position
- Monitoring 24/7 (online)
- Antenna range: min 150 m

Advantages

- Measuring heats, eating rumination
- Positioning
- Mobile app
- Measuring of groups
- Connection to PC Dart & DairyComp
- Technology independent
- Connection to Mooml
- Adding ISO identification to the ear

Disadvantages

- Not compatible with other systems (LELY only)
- Duplicity data entry
- Support in reproduction and advisory
- Low lifetime 4-5
- Loss of eartags
- No fully in CZ language
- Price due to the modules

Remark

- Price of the responders is fixed, but total price differentiate due to the module that farmer chose – licencing Starter, Advance a Premium

- Country of origin: Israel
- Name: **Track a cow**
- Kind: pedometer (G-Sensor)
- Measures: heats a eating (wire in the feeding table)
- Monitoring 24/7 (online)
- Antenna range: min 150 m

Advantages

- Measuring heats a eating
- Wide Antenna range
- Compatible with AFIFARM
- Second character attentions (calving)
- Connection with Mooml
- Adding ISO identification to the ear
- Cheap

Disadvantages

- Not compatible with other systems (only AFI)
- Double data entry
- Pedometers are outdated technology
- Uncomfortable use (risk especially for heifers)
- Support in reproduction and advisory

Remark

- Customer has to have pedometer and OVALERT

Thank you for attention

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