Altresyn®
Power with Control

Synchronization of gilts
Altresyn® Power with Control

Altresyn® leads suppression of the oestrus during the whole treatment which allows:

- Scheduled reproduction
- Optimised productivity
- Improved pig flow and heard health

Altresyn® is the answer to your reproductive needs. An 18 day treatment regimen with Altresyn® will bring your gilts into heat within 5-7 days of completion, thus facilitating heat synchronization and batch management.
In a farm without Altresyn®

- We have to depend strictly on nature for sequencing breeding and farrowing schedules.
- Continually checking oestru.
- Inseminating at varying schedules.
- Having manpower available seven days a week.

Using Altresyn®

- More efficient breeding.
- More efficient gilt pool management.
- More efficient use of labor and more predictable pig flow.
Synchronization of oestrus in gilts

Treatment with Altresyn® can be started in any phase of the gilt’s oestrus cycle:

Regardless of the phase of the oestrus cycle when you start administering Altresyn® gilts will come in oestrus simultaneously within 5-7 days after the treatment.

The Altresyn® treatment period is fixed to 18 days to cover everytime the whole luteal phase, even if the treatment has started in the follicular phase. At the time of Altresyn® withdrawal, all gilts are at the same physiological status. Follicular growth will start again after the break of the inhibition of gonadotropin hormones associated with the withdrawal of Altresyn®. The follicular phases of all gilts receiving the treatment will be synchronized and oestrus will appear with ovulations over the next 5-7 days.
A recent study performed in Denmark in a farm unit of 1200 sows with a weekly batch management using Altresyn® to synchronize gilts demonstrated outstanding results on the farm in terms of:

- Better flow of breeding animals
- More homogenous batches
- Increased output of weaned piglets
- Significant saving in gilts feed

**Synchronization of estrus**

Farrowings of 42 batches with synchronized gilts were compared with previous 40 batches, when gilts were inseminated in 2nd spontaneous heat.

Out of 816 gilts treated with Altresyn®, 758 were successfully mated (93%) with high rate of synchronization. (89.7% mated within 3 days)

![Distribution of served gilts](image)

**Better distribution of ages at first services and reduction of overall feed costs in gilts**

<<Reduction of the average mating age in the gilts per year by 18 days (from 259 to 240). A saving of 10-15 € of feed per gilt/year

The distribution of the age at first service was more appropriate after the synchronization with less matings of elder gilts.

![Age at first mating (days)](image)
Reduction of variability for mated gilts and sows among weeks

The Nº of weekly inseminated gilts increased from 13.2 to 15.3 (p<0.05) and the variability among weeks decreased significantly (p<0.0001). There was also significantly lower variance before synchronization and after in terms of weekly served sows and gilts together (p<0.005).

More Nº of farrowings

As the result the weekly Nº of farrowings increased from 50.8 to 53.5 (p<0.05) and became more even as well (p<0.05)

More weekly weaned piglets on average

Better filled farrowing rooms with less divergence resulted in the increase of on average 27.5 piglets weaned weekly (p>0.05). The reproductive performance of P1 sows treated as gilts with Altresyn® was similar as before with the conception rate 92.1% and WOI 5.3 days compared to previous results of 91.4% and 78 days.

<table>
<thead>
<tr>
<th>Weekly weaned piglets</th>
<th>Before</th>
<th>Altresyn®</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>714,6</td>
<td>742,2</td>
<td>27,5</td>
</tr>
</tbody>
</table>
Altresyn® Use

1. Instructions of use.
Press the dispenser pump to the bottle upside down.
The release comes out the exact dose of 5 ml = 20 mg altrenogest/gilt.

2. Individual dose.
Should be applied one dispensing pump pulsation per gilt and day.

3. It is recommended to apply the product at the same time every day (first action in the morning).

Altresyn® must be administered each day of treatment:
• 18 days for nulliparous.
• If we stop using it one day, effectiveness may decline.

5. For the suppression of treatment (Day 18).
It is essential to set the date of the start of mating and withdraw Altresyn® treatment about 5 days before.
(Usually coincides with the day of weaning of the batch).
Altresyn®

Power with Control

• Scheduled reproduction
• Optimised productivity
• Improved pig flow and heard health

Bibliography:
2. N. Thing. New ways to evaluate the benefit of gilts synchronized by altresyn® on the flow of breeding animals and the piglet output. ESPHM Proceedings 2013

Altresyn® Altreneogest - Oral solution

Composition. Oral solution. Altreneogest 4.00 mg. Excipients: Butylhydroxyanisole (E320) 0.07 mg. Butylhydroxytoluène (E321) 0.07 mg.

Indications Pigs (sexually mature gilts). For the synchronization of oestrus. Contra-indications Do not administer to pregnant animals or lactating animals or those suffering from uterine infection. Do not administer to male animals. Ensure the correct dose is administered daily as under-dosing can lead to the formation of cystic follicles. Special precautions to be taken by the person administering the veterinary medicinal product to animals. Avoid skin contact with the product. Pregnant women and women of childbearing age should avoid contact with the product or should exercise extreme caution when handling this product. Accidental spillage on the skin should be washed off immediately with soap and water. Seek medical advice. Dosage Oral use. 20 mg Altreneogest (5 mL) per animal once a day for 18 consecutive days. Animals should be segregated and dosed individually. Add the product as a top dressing to the feed using the metering pump. Withdrawal period Meat and offal: 9 days. Presentation and storage Carton of 1 container of 360 ml pressurized container and carton of 3 containers of 360 ml pressurized containers or 1080 mL and 540 mL non-pressurized containers. Protect from sunlight and do not expose to temperatures exceeding 50 °C. Ceva Santé Animale 10, av. de La Ballastière 33500 Libourne.

The Summary of Product Characteristics (SPC) may differ per country. Please check local SPC before using the product.