Regumate®

The ultimate control of estrus synchronization
Indication for use (gilts) and treatment

- For synchronization of estrus and improvement of litter size in sexually mature gilts.
- 5ml per day for 18 days, orally
The synchronization effect of Regumate

- Expected estrus without treatment
- Expected estrus after Regumate treatment

21 days

Naturally occurring estrus before Regumate treatment

Regum for 18 days

Interval from treatment to estrus (days)

Appearance of estrus (%)

MSD Animal Health
Efficacy after Regumate use

<table>
<thead>
<tr>
<th>Number of ovulations</th>
<th>References</th>
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<tbody>
<tr>
<td><strong>Regumate treated</strong></td>
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<tr>
<td>21 ± 1.11 (group 1)</td>
<td>Ashworth et al. (1992)</td>
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<tr>
<td>16 ± 1.18 (group 2)</td>
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<tr>
<td>15.4 ± 0.3</td>
<td>Martinat-Botté et al. (1995a)</td>
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<tr>
<td>15.0 ± 0.8</td>
<td>Kraeling et al. (1981)</td>
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<tr>
<td>16.6 ± 1.7</td>
<td>Kemp and Soede (2004)</td>
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<tr>
<td><strong>Control</strong></td>
<td></td>
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<tr>
<td>19.4 ± 1.05 (group 1)</td>
<td></td>
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<tr>
<td>14.7 ± 1.36 (group 2)</td>
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<tr>
<td>14.6 ± 0.3</td>
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<tr>
<td>13.4 ± 1.3</td>
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<tr>
<td>15.1 ± 1.2</td>
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**Graphs:***

- % liters: 50, 75, 77.4, 89.3
- Total born: 8, 9, 10.6, 11.1
- Piglets per 100 gilts served: 600, 820, 931

**Legend:**
- Controls: 124
- Treated 18 days: 103

**References:**
- Martinat-Botté et al. (1995a)
Regumate

Provides you with:

✔ Estrus planning for gilts

✔ Increased % of successfully introduced gilts.

✔ Improved estrus and fertilization management.

✔ Increased fertility and prolificacy.
Regumate

- Estrus synchronization improves the farm performance in a “traditional” farm system.
- Regumate is the vital tool to perform a strict All-In-All-Out batch management system.
- Regumate is an indispensable tool in the application of the future single fixed time insemination protocol.
Estrus synchronization improves your farm performance!