OptiSow® EXP 300/100 DDGS

Profile
OptiSow® EXP 300/100 DDGS is formulated for the Extra Prolific Nutrition needed by high producing sows and is designed to influence the factors that contribute to increasing pigs weaned per sow lifetime such as:

- Lengthening the sow’s productive life in the herd.
- Capitalizing on the sow’s genetic potential for farrowing rate and born alive.
- Improved pig health—decreased mortality.
- The complementary DDGS formulation in OptiSow EXP 300/100 DDGS is to be used with 0–300 lbs of DDGS in gestation, and 0–100 lbs of DDGS in lactation.

About the Product

Organic Trace Minerals
Feeding organic trace minerals can:

- Improve reproductive performance through decreased wean to estrus interval and increasing the number of pigs weaned.
- Improve immunity and enzyme function and selenium status for sow longevity and productivity.
- Promote uterine healing and reduce incidence of foot claw disorders for longer retention in the sow herd.

Hydrolized Yeast Cell Wall and Yeast Metabolites
- Improves growth performance and immunity of weaned pigs.

Chromium Propionate
- Improves glucose metabolism which:
  - Decreases wean to estrus interval.
  - Increases litter size by increasing ovulation rate and number of eggs available for fertilization.

Phytase
- Phytase reduces the amount of added phosphates needed.
- Improves availability of phosphorus, calcium, amino acids/protein, trace minerals and energy.
- Reduces accumulation of phosphorus and nitrogen in the environment.

L-Carnitine
- L-carnitine maximizes the energy status of the sow during gestation and lactation.

Yucca schidigera
- Inhibits urease activity and binds ammonia that is created with the higher nitrogen levels from feeding DDGS.

Nutrient Analysis

<table>
<thead>
<tr>
<th>Nutrient</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lysine (min %)</td>
<td>2.81</td>
</tr>
<tr>
<td>Crude Fat (min %)</td>
<td>1.5</td>
</tr>
<tr>
<td>Crude Fiber (max %)</td>
<td>1.0</td>
</tr>
<tr>
<td>Calcium (Ca) (min %)</td>
<td>16.0</td>
</tr>
<tr>
<td>Calcium (Ca) (max %)</td>
<td>19.2</td>
</tr>
<tr>
<td>Phosphorus (P) (min %)</td>
<td>6.9</td>
</tr>
<tr>
<td>Salt (NaCl) (min %)</td>
<td>10.5</td>
</tr>
<tr>
<td>Salt (NaCl) (max %)</td>
<td>12.6</td>
</tr>
<tr>
<td>Selenium (Se) (min ppm)</td>
<td>7.14 ppm</td>
</tr>
<tr>
<td>Zinc (Zn) (min ppm)</td>
<td>3,745 ppm</td>
</tr>
<tr>
<td>Phytase (Trichoderma reesei) (min FYT/lb.*)</td>
<td>6,470 FYT/lb.*</td>
</tr>
</tbody>
</table>

*One unit of phytase activity (FYT) is defined as the quantity of enzyme which liberates 1 micromol of inorganic phosphorus per minute.

Environmental factors such as feed pH, moisture, and processing methods such as pelleting or extrusion, may affect enzyme activity.

GESTATION MIXING DIRECTIONS:

HUBBARD FEEDS OptiSow® EXP 300/100 DDGS

www.hubbardfeeds.com
**Gestation Diet Recommendations**

Gestation diet recommendations may vary depending on replacement rates and for parity segregated herds. For recommendations specific to your herd, contact your Hubbard Feeds Inc. Nutritionist. Feed resulting complete feeds as the sole diet to sows during gestation. Provide adequate feed to maintain body condition.

**Lactation Mixing Directions:**

The resulting complete feeds should be fed as the sole diet to sows during lactation. Use the indicated feed intake as the daily minimum. Minimum recommended daily feed intake for the sow is four pounds plus one pound per nursing pig. Sow feeders should be cleaned daily to maximize feed intake. Always provide plenty of clean, fresh drinking water for optimum results.

**Warning**

The resulting complete feeds should be fed as the sole diet to sows during lactation. Use the indicated feed intake as the daily minimum. Minimum recommended daily feed intake for the sow is four pounds plus one pound per nursing pig. Sow feeders should be cleaned daily to maximize feed intake. Always provide plenty of clean, fresh drinking water for optimum results.

**Product Number**

#33103 — OptiSow EXP 300/100 DDGS, 42 lb.

All products may not be available in all market areas and other products may be offered. Check with your local Hubbard shipping plant or sales representative.