



Sow Summer Booster

As the temperatures rise in summer, sow's body temperature will increase, too, usually causing a drop in feed intake, especially during lactation. Lower feed intake causes sows to lose extra body weight, which can negatively affect pig weaning weights, days to estrus after weaning (that heat stress decreases the expression of oestrus behavior), farrowing rate (alters the way in which ovarian follicles develop) and subsequent litter size (compromises oocyte competence and inhibits embryonic development).

Literature and pig farming handbooks indicate that sows are exposed to heat stress when the temperature exceeds 20-22°C, which is the upper critical temperature of a sow's thermo-neutral zone.

Diet has great influence on the reproductive performance of the sow and plays a direct role when dealing with heat stress. As a result of the high temperature, the sow will eat less. A low feed intake during lactation results in a greater loss of condition. As a consequence the release of the LH hormone during weaning will be slower which will result in an extended interval between weaning and estrus.

The release of LH hormone is stimulated by:

- High feed intake in previous pregnancy
- High amino acids intake during lactation
- Higher feed intake during lactation
- High starch levels in lactation feed

These diet factors therefore have a positive effect on both wean to oestrus interval and litter size, where the total feed intake during lactation has the greater effect.

Sow Summer Booster is rich in:

Vitamin E

1. Precursor of immunoglobulins supports immune system
2. Can prevent the oxidation of unsaturated fatty acids (it is common practice to increase the energy content of a sow's diet by the addition of fats and/or oils)
3. Can improve the removal of free radicals

Vitamin C

1. Is a water-soluble antioxidant that plays an important role in oxidation-reduction processes in living cells
2. Is essential for the maintenance of collagen metabolism

Betaine

1. Can improve the utilization of dietary energy
2. Acts as a methyl donor
3. Is osmoprotectant maintains cell water balance, helps prevent cellular dehydration, increases the osmotic strength of the cell improves digestibility
4. Is a lipotrope and thus enhancing lipid mobilisation and utilisation.

Sow Summer Booster is also rich in all essential minerals like Calcium, Sodium, Potassium, Chlorine and Magnesium which naturally occur in body fluids and tissues as electrolytes involved with the maintenance of osmotic pressure and the acid-base balance.

Inclusion: 10 Kg / ton of feed