

## Field Trial Vitaprotein 50 plus Spain,

### 1. Aim of the experiment

The aim of the experiment was to compare different protein sources in starter diets for piglets. The effect of Vitaprotein 50 plus was compared to the effect of fishmeal and full fat soybean meal.

### 2. Material and methods

211 piglets of 35 days old on a commercial farm were divided in three treatments. The feed intake, growth and feed conversion were registered for two weeks.

All feeds were formulated to be equal in protein and energy values. The feeds contained the following high value protein sources.

- Feed A: 2.5% **VITAPROTEIN 50 plus**
- Feed B: 2 % Fishmeal
- Feed C: 5% Full Fat soybeans

The piglets were weighed at the beginning and the end of the trial, and feed intake was registered.

### 3. Results and discussion

	<b>VITAPROTEIN</b>	<b>Fish meal</b>	<b>Full fat soybean</b>
Start weight (kg)	8.3	7.7	8.7
End weight (kg)	13.9	13.2	13.8
Feed intake (g/day)	497 (103)	499 (103)	483 (100)
Daily growth (g/day)	<b>403</b> (114)	392 (111)	353 (100)
Feed Conversion Ratio	<b>1.23</b> (111)	1.27 (108)	1.38 (100)

### 4. Conclusion:

The use of Vitaprotein as a high quality protein source resulted in an increased growth compared to fish meal (3 %) and full fat soybeans (14 %). Vitaprotein also resulted in a better feed conversion ratio compared to fish meal (3 %) and full fat soybeans (11 %). Therefore Vitaprotein can be considered as a very useful ingredient in piglet feeds.