



BIOAKTIV[®]

EvoSalis Hog is BioAktiv Professional Salis Pig



3rd Report and Results of TDM Farm 29



conducted July-September 2017



Objectives

EvoSalis Hog for drinking water is a highly purified sodium chloride.

Its mode of action promises:

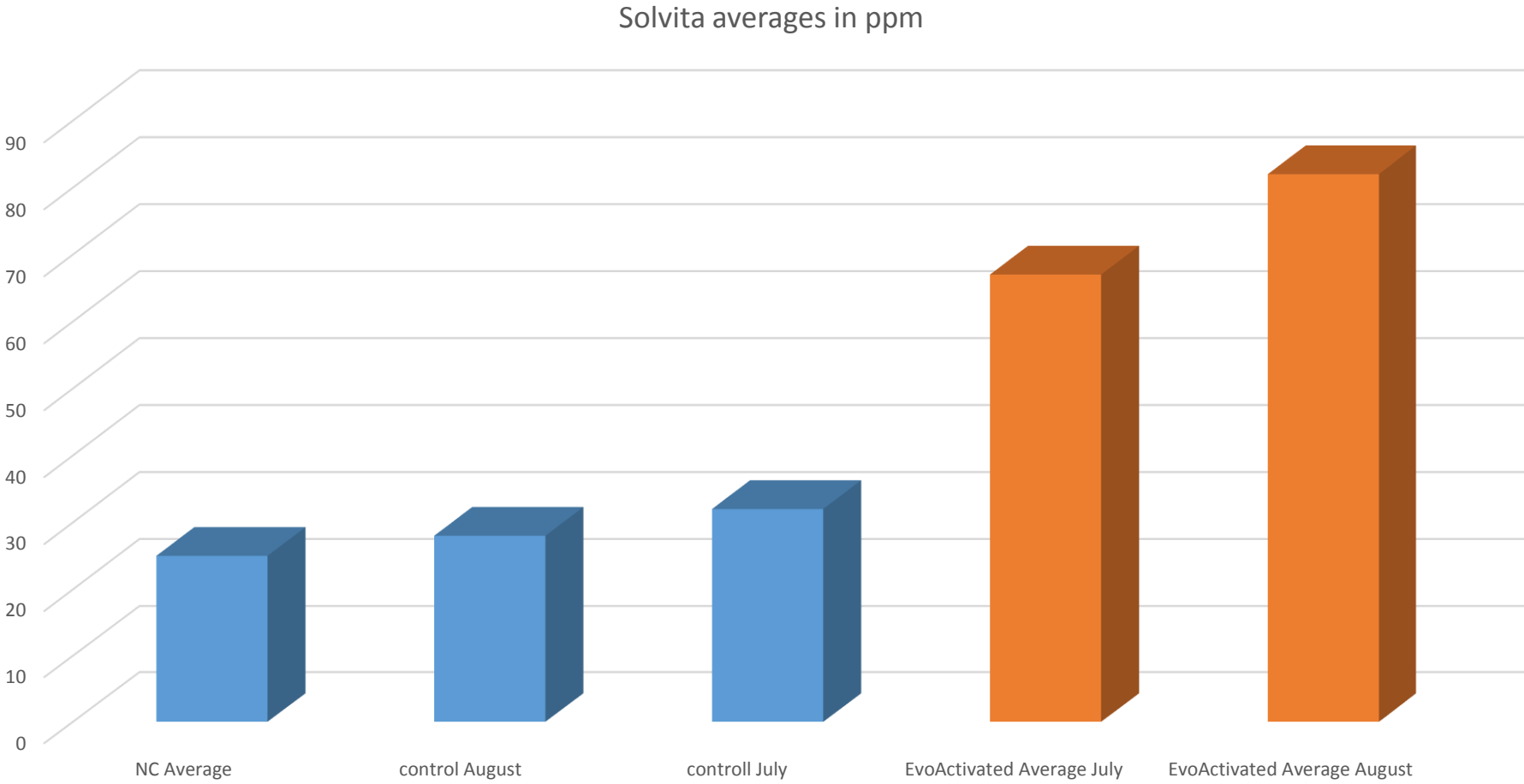
- Better in house atmosphere
- Homogenized manure and higher aerobic bacteria activity in manure
- Reduction of Ammonia, Methane and odors
- Reduced insects
- Higher livability
- Positive effects on manure management systems

This trial shall prove and confirm the benefits the material promises.

TDM Farm 29 drinking water trial started June 14, 2017

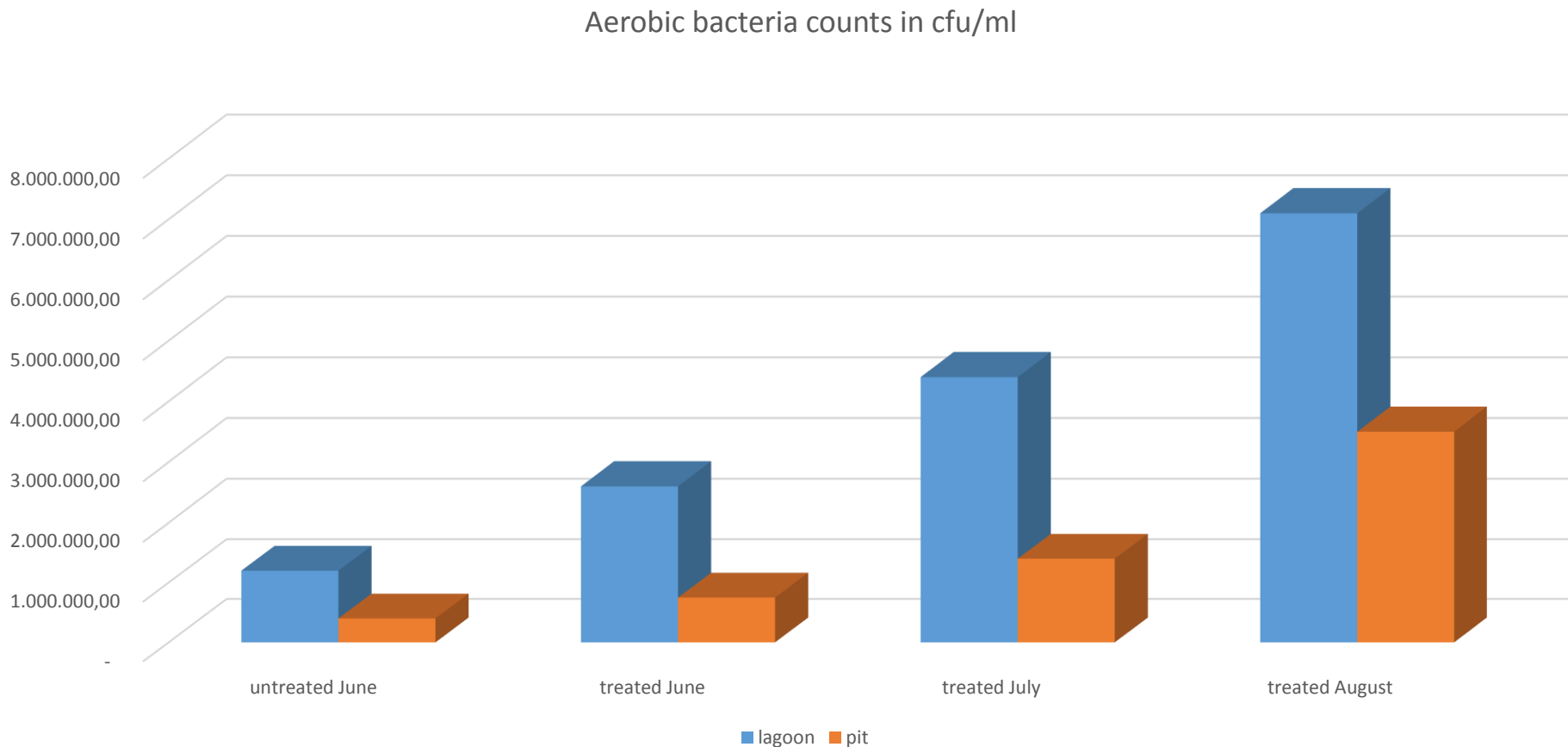


Solvita tests taken at spraying fields



**According to Solvita test Microbial activity increased up to 328% until August compared to the NC average!
The fall application with EvoHerba should be done shortly after harvest.**

Aerobic plate counts taken at lagoon and pits



Aerobic microbes in the lagoon increased by 592%
Aerobic microbes inside the pit increased by 875%
Lagoon and pits are very good prepared for the cold season.



TDM Farm 29 shipping data shows an increase of average weight
even that the September weaned pigs had diarrhea!

	April	May	June	July	August	September
DOA	9	3	13	2	5	1
Lame	12	7	0	16	11	0
SCRTOTAL	9	0	2	3	5	13
Belly	0	0	0	0	0	1
Unthrifty	7	6	6	2	0	0
Lites	10	8	30	0	0	30
Ruptures	0	11	17	0	0	0
Total	47	35	68	23	21	45
average weight	12,84	12,22	12,13	11,58	12,03	12,17



The drinking Water trial started June 14, 2017. All sows have been treated for 92 days with EvoActivated drinking water.

The September production unfortunately had diarrhea and min. 300 pigs have been lost during the turn.

Month	Group	Sows bred	sows farrowed	conception	stillborn	stillborn per litter	mummies	mummies per liter	born alive	born alive per litter	produced	pigs weaned	pigs weaned litter	% weaned
Jul	14	567	496	87,5%	251	50,6%	243	49,0%	6078	12,25	6572,00	4770	9,62	78,5%
Aug	18	603	528	87,6%	313	59,3%	259	49,1%	6477	12,27	7049,00	5154	9,76	79,6%
Sep	22	570	490	86,0%	291	59,4%	189	38,6%	6267	12,79	6747,00	5100	10,41	81,4%
Oct	26	559	470	84,1%	274	58,3%	139	29,6%	5672	12,07	6085,00	4780	10,17	84,3%
Nov	20	575	465	80,9%	266	57,2%	156	33,5%	5649	12,15	6071,00	4837	10,40	85,6%
Dec	34	530	413	77,9%	311	75,3%	193	46,7%	4966	12,02	5470,00	3785	9,16	76,2%
Jan	38	588	465	79,1%	282	60,6%	200	43,0%	5871	12,63	6353,00	4695	10,10	80,0%
Feb	42	567	477	84,1%	243	50,9%	298	62,5%	5873	12,31	6414,00	4837	10,14	82,4%
Mar	46	559	497	88,9%	302	60,8%	309	62,2%	6104	12,28	6715,00	5031	10,12	82,4%
April	50	548	460	83,9%	282	61,3%	238	51,7%	5921	12,87	6441,00	4949	10,76	83,6%
May	2	564	481	85,3%	221	45,9%	219	45,5%	6265	13,02	6705,00	5183	10,78	82,7%
Jun	6	540	477	88,3%	319	66,9%	178	37,3%	6279	13,16	6776,00	5230	10,96	83,3%
<u>Average Jan-Jun 2017</u>		<u>564,17</u>	<u>476,58</u>	<u>84,5%</u>	<u>279,58</u>	<u>58,7%</u>	<u>218,42</u>	<u>45,8%</u>	<u>5951,83</u>	<u>12,49</u>	<u>6449,83</u>	<u>4862,58</u>	<u>10,20</u>	<u>81,7%</u>
Juli	10	531	433	81,5%	285	65,8%	283	65,4%	5975	13,80	6543,00	4906	11,33	82,1%
Aug 17	14	549	481	87,6%	306	63,6%	203	42,2%	6359	13,22	6868,00	5212	10,84	82,0%
Sep 17	18	537	463	86,2%	271	58,5%	166	35,9%	6163	13,31	6600,00	4725	10,21	76,7%
<u>Average Jul-Sep 2017</u>		<u>539</u>	<u>459</u>	<u>85,1%</u>	<u>287</u>	<u>62,7%</u>	<u>217</u>	<u>47,8%</u>	<u>6166</u>	<u>13,44</u>	<u>6670,33</u>	<u>4947,67</u>	<u>10,79</u>	<u>80,2%</u>
<u>difference</u>		<u>-25,17</u>	<u>-17,58</u>	<u>0,7%</u>	<u>7,75</u>	<u>4,0%</u>	<u>-1,08</u>	<u>2,0%</u>	<u>213,83</u>	<u>0,96</u>	<u>220,50</u>	<u>85,08</u>	<u>0,59</u>	<u>-1,45%</u>

All data provided by TDM Farm looks very promising.
Born alive per sow picked up from 12.49 to 13.44 !

Recommendation:



Good and Bad bacteria as well as viruses like grease stuff!

Please think about if those connections can be cleaned or changed to lower disease and microbial risk exposure!



Please do not hesitate to contact us for any further questions!

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