NOACK

GROUP OF COMPANIES

EASYLIN

For a better efficiency

FARMER'S TESTIMONIALS

in partnership with

Valorex

ICI, LA NATURE INNOVE

DLUGIE STARE

Country: **Poland**
Workers: **6**
Dairy cows: **470**
Breed: **Holstein**
Milking robot: **yes**
Automatic feeder: **yes**
Production primiparous: **8 709 kg/cow/year**
Production 2nd lactation: **10 594 kg/cow/year**
Production 3rd lactation: **10 800 kg/cow/year**

Milk production

Milk production:	**35,7 kg***
Milk protein content:	**3,35 %**
Milk butter fat content:	**3,9 %**
Urea:	**263**
Cells count:	**330 000**
Days in milk:	**171 days**

Reproduction

Age at 1st calving:	**22 months**
Sucess 1st AI:	**30 %**
Open days:	**107**
Calving interval:	**390 days**
Sexed semen:	**on heifers**

DIET – FRESH GROUP MULTIPAROUS

Total kg DM/cow/day:	**22,04**
Crude protein (%):	**15,7**
Fat (%):	**3,69**
Starch (%):	**19**
Digestible NDF:	**17,6**
it3	**89**

Average quantity of Extrulin 60 (kg/cow/day):

1kg GM /0,91 kg of DM

*kg/cow/day

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Objective

« Our targets are to reach 11 500 kg/cow/lactation without stress, get minimum 55% of pregnant cows at 120 days in milk and get less AI per cow. An other goal is to increase longevity of cows and to reach 3,5 lactations per cow and 40 000 kg of milk during lifetime. »

EasyLin & Reproduction

« We chose EasyLin to increase milk production and fertility of heifers. Fertility of cows is better now, cows get quickly better conditions after calving for next reproduction period. We really care about the close up group until 10 days after calving.

From our point of view, calving interval and open days are two important indicators about reproduction. EasyLin is used on the primarous and multiparous groups and it's delivered by the milking robot. »

Health

« One of our target regarding health is general body states of dairy cows. We want to have healthy cows and healthy udders. We care a lot about cows after calving (post partum issues). And we pay attention to beginning of lactation to have less negative energy balance issues. EasyLin is a good product to reach a better pregnancy rate and to have low energy deficit, to get better state of health. »

OSAWA SIERI JEDRZCHOWICE

Country: **Poland**

Workers: **23**

Dairy cows: **620**

Breed: **Holstein**

Milking robot: **no**

Automatic feeder: **no**

Production primiparous: **9 600 kg/cow/year**

Production 2nd lactation: **10 500 kg/cow/year**

Milk production

Milk production:	**27,5 kg***
Milk protein content:	**3,3 %**
Milk butter fat content:	**3,9 %**
Urea:	**320**
Cells count:	**320 000**
Days in milk:	**170 days**

Reproduction

Age at 1st calving:	**25 months**
Open days:	**151**
Calving interval:	**420 days**
Sexed semen:	**yes**
Insemination index:	**2,8 AI (primiparous)**
	2,3 AI (multiparous)
Pregnancy rate:	**28 %**

*kg/cow/day

DIET – FRESH GROUP MULTIPAROUS

Total kg DM/cow/day:	**28,2**
Crude protein (%):	**17,71**
Fat (%):	**3,61**
Starch (%):	**26,29**
it3	**97**

DIET – FRESH GROUP PRIMIPAROUS

Total kg DM/cow/day:	**24,9**
Crude protein (%):	**17,72**
Fat (%):	**3,68**
Starch (%):	**22,94**
it3	**81**

DIET – MIDDLE OF LACTATION

Total kg DM/cow/day:	**23,9**
Crude protein (%):	**15,96**
Fat (%):	**3,16**
Starch (%):	**26,35**
it3	**4**

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Objective & EasyLin

« Our main target is to open a third farm to increase number of dairy cows and to increase milk production. We decided to work with EasyLin to increase the milk production of high level production groups.

Udder health is one of our main concerns. We think that EasyLin has a global positive impact on dairy cows health. »

Reproduction

« We really pay attention to calving interval and we want to improve conception rate and pregnancy rate. Our objectives are: less than 400 days for calving interval, less than 2,5 AI/cow. »

WONIESC, FERMA JEZIERZYCE

Country: **Poland**
Workers: **30**
Dairy cows: **1 020**
Breed: **Holstein**
Milking robot: **no**
Automatic feeder: **no**
Production primiparous: **8 135 kg/cow/year**
Production 2nd lactation: **10 960 kg/cow/year**
Production 3rd lactation: **10 558 kg/cow/year**

Milk production

Milk production:	**27 kg***
Milk protein content:	**3,33 %**
Milk butter fat content:	**3,85 %**
Urea:	**260**
Cells count:	**250 000**
Days in milk:	**165 days**

Reproduction

Age at 1st calving:	**24 months**
Sucess 1st AI:	**23 %**
Open days:	**90**
Calving interval:	**404 days**
Sexed semen:	**yes**
Insemination index:	**2,5**

*kg/cow/day

DIET – CLOSE-UP

Total kg DM/cow/day:	**10,4**
Crude protein (%):	**13.30**
Fat (%):	**1.5**
Starch (%):	**9.67**
it3	**49**

DIET – FRESH GROUP

Total kg DM/cow/day :	**21.1**
Crude protein (%):	**17.26**
Fat (%):	**2.7**
Starch (%):	**24.6**
it3	**80**

DIET – TOP LACTATION

Total kg DM/cow/day :	**26.2**
Crude protein (%):	**16.3**
Fat (%):	**3.1**
Starch (%):	**26.21**
it3	**90**

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Objective & EasyLin

« Our first objective is economic, we want to produce more milk and reduce costs. We are looking to the whole picture. We decided to feed our cows with EasyLin to improve fertility, it's really a super product. »

Reproduction

« We saw improvements on reproduction indicators and milk production increased in consequences. We look at the pregnancy rate. We want to decrease the day in milk to reduce the calving interval. »

JARANTOWICE

Country: **Poland**
Workers: **10**
Dairy cows: **2 500**
Breed: **Holstein**
Milking robot: **no**
Automatic feeder: **no**
Milk production (primiparous): **11 254 kg/cow/year**
Production 2nd lactation: **12 500 kg/cow/year**
Production 3rd lactation: **12 698 kg/cow/year**
Production 4th lactation: **12 284 kg/cow/year**

Milk production

Milk production:	**39,6 kg***
Milk protein content:	**3,19 %**
Milk butter fat content:	**3,57 %**
Urea:	**300**
Cells count:	**253 000**
Days in milk:	**178 days**

Reproduction

Age at 1st calving:	**24 months**
Average days at the first AI:	**56**
Conception rate:	**37**
Open days:	**121**
Calving interval:	**399 days**
Sexed semen:	**on 100% heifers**
Insemination index:	**2,64**

*kg/cow/day

Diet of the top group

Total kg DM/cow/day:	**28**
Crude protein (%):	**15-16**
Fat (%):	**6-7**
Starch (%):	**28**
it3	**101**

Diet of fresh cows

Total kg DM/cow/day:	**19-21**
Crude protein (%):	**15-16**
Fat (%):	**5-6**
Starch (%):	**23-24**

Diet of close up

Total kg DM/cow/day:	**12-13**
Crude protein (%):	**15**
Fat (%):	**2-3**
Starch (%):	**20-21**

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Objective

« Our main goal is economic, we want to reach a high level of protein content. We are looking for quantity and quality. We want to reach the highest level as possible. The milk production of cows is up to 12 827 kg/cow/lactation (2017). We really pay attention to reproduction of cows, and our objective is to reach 25-26% of pregnancy rate. »

Reproduction & EasyLin

« We decided to work with EasyLin (from october 2016) to get better conception rate. EasyLin has a positive impact on conception rate thanks to Omega 3. There are a source of ALA which has an impact on fecondation. We pay attention to pregnancy rate because it's a good indicator to appreciate global reproduction. When conception rate is better, calving interval, open days are lowered, pregnancy rate is improved. We use synchronization programs for all cows to consider each heat cycle. EasyLin is one of components to consider to reach our aim: cull 10 % of the dairy cows because of fertility issues. We carry a selection program for heifers and cows. We want to have high and thin heifers, not too fat for the reproduction. Cows spend 3,5 years in the herd and produce 40 000 kg each during their lifetime. »

PANNONIA

Country: **Poland**
Workers: **27**
Dairy cows: **850**
Breed: **Simmental**
Milking robot: **no**
Automatic feeder: **no**
Milk production of the cows: **7 600 kg/cow/year**

Milk production

Milk production:	**24,8 kg***
Milk protein content:	**3,64 %**
Milk butter fat content:	**4,09 %**
Cells count:	**280 000**

Reproduction

Age at 1st calving:	**29 months**
Days at the first AI:	**62**
Calving interval:	**385 days**
Insemination index:	**2**

DIET – FRESH COWS

Total GM (kg):	**41,3**
Total kg DM:	**21,4**
Crude protein (%):	**15,66**
Fat (%):	**4,63**
Starch (%):	**25,87**
it3	**46**

DIET – TOP 38 KG OF MILK

Total GM (kg):	**46,8**
Total kg DM:	**24,5**
Crude protein (%):	**15,66**
Fat (%):	**4,99**
Starch (%):	**25,72**
it3	**91**

DIET – 32 KG > 100 DAYS

Total GM (kg):	**42,3**
Total kg DM:	**21,8**
Crude protein (%):	**15,5**
Fat (%):	**4,6**
Starch (%):	**25,98**
it3	**46**

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*kg/cow/day

TESTIMONY

Objective
« Our first objective is to increase the milk production per cow and reach 8 000 Kg/cow/lactation. We want to simplify the work organization, reach a better profitability and keep the milk quality. »

Reproduction & EasyLin
« We chose to work with EasyLin in a way to increase the milk production. It's not the cheapest feed but we saw a good return on investment. We observed a better start of lactation and cows have a better persistency. Our aim is to reduce the calving interval as much as possible.

We select the cows on different criteria: milk production level, thoracic capacity, feet and legs and udder. We want two keep the both aptitude of the cows: milk production and beef production of the Simmental breed. »

SOLUM

Country: **Hungary**
Workers: **34**
Dairy cows: **730**
Breed: **Holstein**
Milking robot: **no**
Automatic feeder: **no**
Average milk production: **12 100 kg/cow/year**

Milk production

Milk production:	**41,5 kg***
Milk protein content:	**3,29 %**
Milk butter fat content:	**3,5 %**

Reproduction

Age at 1st calving:	**23 months**
Sucess 1st AI:	**35 %**
Calving interval:	**393 days**
Insemination index:	**3,5**

50 KG OF MILK/COW/DAY

Total GM (kg):	**55**
Total DM (kg):	**28**
Crude protein (%):	**18,3**
Starch (%):	**27,9**
it3	**10**

40 KG OF MILK/COW/DAY

Total GM (kg):	**41,8**
Total DM (kg):	**21,7**
Crude protein (%):	**18,2**
Starch (%):	**28,3**
it3	**75**

30 KG OF MILK/COW/DAY

Total GM (kg):	**50**
Total DM (kg):	**21,5**
Crude protein (%):	**15**
Starch (%):	**25,7**
it3	**35**

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*kg/cow/day

TESTIMONY

Objective

« Our project is to invest in a new milking parlor and a new barn. We also want to continue increasing milk production to 1000 cows in 2018. We want to increase milk production. According to us, cows need to have good feeding to be in good health. From my point of view, the key of the sucess is in the observation of cows and to work with passionated people. »

Reproduction & EasyLin

« We decided to work with EasyLin because it's a feed rich in Omega 3. It's an interesting feed to improve reproduction of cows. Moreover, it's a good way to reduce protected fat intake in the diet of cows. It's an efficient feed very easy to include in diets, but we have to respect

advices if we want to see some results. Since the beginning of use of EasyLin, we have improved conception rate. Concerning genetic selection, we select cows mainly on milk production and thoracic capacity. »

RD CERENANY

Country: **Slovakia**
Dairy cows: **240**
Breed: **Simmental**
Milking robot: **no**
Automatic feeder: **no**
Average milk production: **7 600 kg/cow/year**

Milk production

Milk production:	**26 kg***
Milk protein content:	**3,34 %**
Milk butter fat content:	**3,85 %**
Urea:	**260**
Cells count:	**180 000**

Reproduction

Age at 1st calving:	**24 months**
Sucess 1st AI:	**63 %**
Calving interval:	**365 days**
Insemination index:	**1,8**

DIET – DRY COWS

Total DM (kg):	**12**
Crude protein (%):	**14,5**
Starch (%):	**22**
it3	**40**

DIET – CLOSE UP

Total DM (kg):	**9**
Crude protein (%):	**14**
Starch (%):	**22,7**
it3	**43**

DIET – TOP LACTATION

Total DM (kg):	**22,3**
Crude protein (%):	**15,6**
Starch (%):	**27**
it3	**72**

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*kg/cow/day

TESTIMONY

Objective

« Our objective in a short term is to increase efficiency and keep the same number of dairy cows. Our second objective is to increase milk production from primarous cows. We want to have better use of feeds and forages on our farm. For us, all groups of cows are very important even end lactation because it's the beginning of next lactation. We want to have better longevity. »

EasyLin

« We decided to start feeding cows with EasyLin because we saw very good results in some farms. It was a good decision to put EasyLin in cow feeding. We have improved our milk production, and the reproduction indicators. »

AGRO RACIO

Country: **Slovakia**
Workers: **16**
Dairy cows: **600**
Breed: **Red**, **Holstein and Simmental**
Milking robot: **no**
Automatic feeder: **no**
Average milk production: **8 300 kg/cow/year**

Milk production

Milk production:	**26 kg***
Milk protein content:	**3,4 %**
Milk butter fat content:	**3,9 %**
Cells count:	**400 000**

Reproduction

Age at 1st calving:	**24 months**
Sucess 1st AI:	**43 %**
Calving interval:	**390 days**
Insemination index:	**1,9**

DIET – FRESH GROUP

Dry matter (kg/cow/day):	**20**
Crude Protein (%):	**16,8**
Crude Starch (%):	**21,2**
it3	**98**

DIET – TOP LACTATION 45 KG/COW/DAY

Dry matter (kg/cow/day):	**28,2**
Crude Protein (%):	**16,7**
Crude Starch (%):	**23**
it3	**116**

DIET – TOP LACTATION 30 KG/COW/DAY

Dry matter (kg/cow/day):	**21,2**
Crude Protein (%):	**15,8**
Crude Starch (%):	**21,3**
it3	**79**

*kg/cow/day

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TESTIMONY

Objective

« Our objective is to produce more milk, the goal is 11 000 kg/cow/year. We work on Red Holstein and we would like to reach the same level than Black Holstein. In Slovakia, linseed was used in the past to feed the cows, so it's quite traditionnal to use EasyLin in cow nutrition for us. »

Reproduction & EasyLin

« I choose to feed EasyLin to get a healthier diet rich in Omega 3. The challenge is really to improve reproduction and health step by step. Easylin is also a great feed to improve milk persistency of lactation, to improve reproduction. We saw some positive effects on service period. EasyLin helps certainly to have cows in a good health. »

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EASYLIN IMPROVE DAIRY COWS PERFORMANCES !

Agroban Bátka is a farm in Bátka, South East of Slovakia. Ing. Ján Brachna was looking for a solution to improve the fertility of the herd. In July 2016, in partnership with Ing. Ján Mendel, from Noack & Co, he decided to feed his dairy herd with EasyLin, feed based on extruded linseed. EasyLin 100/30 was included in the diet in a quantity of 1 kg per head and per day. By-pass Fat and a quantity of Soy Bean Meal have been taken out. During one year, the cow performances (milk production and fertility) were

AGROBAN BÁTKA

Country: **Slovakia**
Workers: **16**
Dairy cows: **700**
Breed: **Holstein**
Milking robot: **no**
Automatic feeder: **no**
Average milk production: **11 559 kg/cow/year**

DIET – TOP GROUP

Dry matter (kg/cow/day):	**25,5**
Crude Protein (%):	**16,4**
Crude Starch (%):	**26,3**
it3	**99**

Milk production (09/06/2017)

	STANDARD	EASYLIN !
	1st Semester 2016	1st Semester 2017
Average Daily Milk Production	36,3	37,3
Average Milk Lactation (kg)	11 192	11 559
	Week 28 - 2016	Week 27 - 2017
Top lactation group – Day in Milk	171	155
Average Daily Milk Production (kg)	38,2	42,4

Reproduction data

	1ˢᵗ Semester 2016	1ˢᵗ Semester 2017
% success at 1st artificial insemination	**31,20**	**45,70**
Total pregnant cows	**87**	**116**
Natural heats / Hormonal synchronization	**45%-55%**	**70%-30%**
Calving Interval (days)	**418**	**398**
	June 2016	**June 2017**
% success all artificial insemination	**37,80%**	**43,40%**

TESTIMONY

• **More expresive heats**: *From october to december 2016, we had to face 11 hidden heats per month. At the same period 2017, we recorded only 0,6 hidden heat per month. The data were collected by Heatime system.*

• **Better conception rate:** *In the meantime, success at first AI was improved by more than 46% and all AI by 37%. In 2017, we saved 221 inseminations and we got 34 pregnant cows more.*

• **Perfect health:** *Cows have always been in a good health but nowadays it is really amazing. Cows remain in a good body condition and there is no kelosis, neither acidosis. All conditions are gathered for an optimal milk production and a good reproduction.*

• **More milked cows:** *In the beginning of 2018, milk production average is between 38,5 and 39kg. If everything goes well, we should produce 22 000 L a day in april.*

• **Easylin** *is a perfect solution to improve milk production and at the same time, get better reproduction. We estimate by 600 L more per lactation since we use Easylin.*