THE SUCCESS OF SOYBEAN PRODUCTION AND PROCESSING IN VOJVODINA

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ABOUT THE COMPANY VICTORIA GROUP AD

- **10** Member companies (Victoria Logistic, Sojaprotein, Veterinarski zavod, Fertil, Victoriaoil, SP laboratorija, Riboteks, Victoriantarch, Luka, Victoriaphosphate)

- Cooperation with **40,000** farmers through **300** cooperatives

- Eur **200** million investments in Serbia during the past 10 years

- Eur **206** million exports in 2012 to 40 countries worldwide

- Eur **500,000** annually for csr and charity projects

- **10%** of the total agriculture export of Serbia belongs to Victoria Group AD

- Member of the “Danube Soy Group”
Established in: 1977

NON-GMO soybeans

The largest soybean processing factory in the region

Total operating revenue in 2012: 132 million eur

Processing capacity of 250,000 tons

Core business: soybean processing, production of finished and semi-finished products from NON-GMO soybeans

Products: soy protein concentrates, flour, grits, textured products, crude oil, lecithin and SojaVita

Value of exports in 2012: 57 million EUR
SOY PRODUCTION IN SERBIA

- 80% of the soy production area is situated in Vojvodina
- Area cultivated in Serbia (annual average): **145,000 – 155,000 ha**
- Yield: **2.2 - 2.9 t/ha**
- Soybean harvest in Serbia (annual average): **380,000 – 450,000 t**
- Sojaprotein uses **55-65%** in the total production of soybeans.
QUALITY CONTROL STANDARDS

- **ISO 9001** – Quality system
- **ISO 22000** – Food safety management system, which encompasses the **HACCP** standard
- **ISO 14001** – Environmental management
- **OHSAS 18001** – Occupational health and safety
- **GMP+ B2** – The production of feed ingredients
- **IP NON GMO** – Certificate of identity preservation, compliance and genetic purity
- **Kosher** – Sojaprotein products meet all Kosher requirements
- **Halal** – Sojaprotein products meet all Halal requirements
- **UNIDO Cleaner Production** – Cleaner Production project

The quality of soybeans, other production materials, auxiliary materials, packaging, semi-finished products and finished products has been controlled on behalf of the international certification agency SGS and the nationally certified body SP Laboratorija from Becej.
The majority of products are sold in more than **40 countries** in Europe, the Near and Middle East and North Africa.
QUALITY CONTROL OF NON-GMO CROPS AND PRODUCTION SINCE 1996...
LABELLING OF NON-GMO PRODUCTS BEGUN IN 1996 ...

TRADKON SPC HC-200

SOJIN PROTEINSKI KONCENTRAT
SOYBEAN PROTEIN CONCENTRATE

Šifra proizvoda: označeno na ambalaži / Product code number: see on the package
Upotrebljivo do: označeno na ambalaži / Best before: see on the package
Lot broj: označeno na ambalaži / Product Lot number: see on the package
Čuvati na suvom i hladnom mestu / Keep in dry and cool place.

NETO MASA / NET WEIGHT:
900 kg ± 0.8%
CONTEMPORARY CONTROL OF NON-GMO CROPS AND PRODUCTS

- IP PROGRAM

- Using soybean seed varieties developed by classic selection methods in domestic institutes for tillage and vegetable farming
- Special care in the selection of subcontractors and while contracting soybean production
- Control of the genetic modification of soybeans in fields during the period of vegetation
- Control during harvest and warehousing (agricultural machinery, transportation and warehouses)
- Control of all received quantities of soybeans
- Control of intermediary and final products
- The application of this program guarantees that Sojaprotein products have been produced from “Identity preserved Non GMO” soybean seeds
CONTEMPORARY CONTROL OF NON-GMO PRODUCTS

Monitoring soybean seed
- 1. Rare metal content
- 2. Content of residual pesticides
- 3. Content of mycotoxins
- 4. Genetic modifications

<table>
<thead>
<tr>
<th>Genetic modifications</th>
<th>Genuity® Roundup Ready 2 Yield® (code: MON 89788-1) (%)</th>
<th>max 0.1</th>
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<tr>
<td></td>
<td>LibertyLink® LL27 (code: A2704-12 ACS-GMØØ5-3) (%)</td>
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<td>DP-356Ø43-5 (code: DP-356Ø43-5) (%)</td>
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<td>Soybeans DP305423 (code: DP305423-1) (%)</td>
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<td>LibertyLink® LL27 (code: ACS-GMØØ6-4) (%)</td>
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<td>Soybeans 87701 (code: MON-87701-2) (%)</td>
<td>max 0.1</td>
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<tr>
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<td>RRS (code: MON-Ø4Ø32-6) (%)</td>
<td>max 0.1</td>
</tr>
</tbody>
</table>

- 5. Quality features
- 6. Radioactivity
COOPERATION WITH AGRICULTURAL PRODUCERS IN THE FORESEEABLE FUTURE

- Long-term contracts
- Vertical integration
- Production financing
- Offer of processed materials: seeds, mineral fertilizers, pesticides
- Expert advice and services
- Crop monitoring
- Application of compliance in agriculture
- Educating agricultural producers
- Information on the application of new technologies for achieving higher yields
- Conditions of purchasing agricultural products
- Soy quality premium
GOALS FOR THE FUTURE

- Increasing the area planted with NON-GMO soybeans to 200,000 ha
- The application of new technologies and increasing average yields of soybeans to 4t/ha
- Control and monitoring of 60,000 ha by Victoria Group AD
PURCHASE OF BIOMASS AND THE APPLICATION OF RENEWABLE ENERGY RESOURCES IN THE PRODUCTION PROCESS

- **Farmers**
  Purchase of soybean hay (paying by handing over seeds and hay from the same area)

- **Purchase of hay**
  Annual amount: 30,000 t

- **Processing of hay**
  Annual production: 25,000 t – 30,000 t

- **Processing agropellets at Sojaprotein AD**
  Saving over 50% of energy costs compared to the previous application of fuels - fuel oil, gas
  Three times less CO2 emissions compared to gas boilers
CONTROL OF SOYBEAN LISTS DURING VEGETATION, GMO TESTS OF LEAVES
Thank you for your attention