



What is the route of
Danex wild
blueberry to final
customer?
Trip starts from
the origin!





Two-generation, family owned food producer based on forest fruits and mushrooms with over 20 years of experience.



Bases on the concept that to create unique and most natural wild and cultivated fruits you have to follow their path to the origin.



Leading World producer of forest wildly growing food ingredient



World's most developed autorised forest collection system LCC. Danex collects and produces all forest raw materials itself



Turnover
35 mln EUR



500
workers



4
factories



up to 400
local cells of collection



up to 10 000
forest raw material pickers



**How it
works?**



From forest to customer

How it looks like step by step?

A. Forests



B. Pickers



C. LCC



D. Factory

1. Rosko 2. Karaš



E. Customer



A.1 Forests in Poland



NATURE 2000

- Area Development Plan restrictions
- Investment restrictions
- Logging restrictions
- Water Natural Reseruar Protection



„To be more ecological than economical in managing the forest”

The main goal of LKP - Polish program that convey the way we shoul manage our forest

Noteć Forest
140 000 ha

Drawski Młyn
We are here!

Bory Lubuskie
Bory Dolnośląskie
250 000 ha

Rosko
We are here!

Bory Tucholskie
250 000 ha

Karaś
We are here!

Mazury
120 000 ha



Danex wild blueberry fields cover the forest region of approx. **800 000 ha**
This is **8000 km²**



A.2 Danex in Central and Eastern Europe



B. Pickers



Collection of forest fruits
Deep Polish tradition

collecting of forest fruits is a temporary job or way of spending free time and relax.
They are doing it voluntarily

Yes we know !



Danex LCC is visited up to **10 000 pickers daily**



Did You know that the highest recorded wage for a single picker in 30 days long crop was brand new car - so it is also a fair wage for pickers

Danex transfers necessary knowledge to pickers of wild blueberry i.e:

- to wash hands before harvesting
- not to use DEET mosquito repelants
- to harvest in the defined region
- and many more ...



C. LCC Local cell of collection 1/2



Danex has up to **400 LCCs annually**



Did You know that:

forest are sprayed against pests
We are looking after the forest
regions that are impacted with
pesticides.

LCCs on that regions are closed!



LCC?

It is a small facility located in the
direct neighbourhood of the forest
where pickers bring their forest
crop



Pickers' crop is weighted
and they are paid
for the
wild blueberries per Kg
LCC staff is working on
crop commission
- they are able to earn
up to 1 **minimum PL**
salary daily



Every LCC covers a range
of
10 km - 30 km
distance from LCC
to harvested field.



UNIQUE traceability

Danex wild blueberry
in final product can be
traced to the given local
cell of collection



All LCCs that take part in
Danex LCC system are
100% legal based on
temporary agreements



LCC staff make the
first quality check
and
presorting



C. LCC Local cell of collection 2/2



You want to become
DANEX LCC?
LCC REGULATIONS



You have to follow a checklist of requirements:
1. Danex
2. Organic Institution



Did You know that:
All Danex LCCs are supported only by **DANEX** logistcs.



You have to pass an Audit of Danex LCC controler and independent Organic institution



You have to be located in a region with no impact of
- heavy industry
- chemical hazards
- high density infrastructure



You will have to participate in the training that consists of:
-LCC standars
-LCC equipment
-Law Regulations concerning forest crop
--Education of pickers



D. Production process



Please note
Danex policy is to keep the temperature in freezing storage below -22 C



D. Production process



Danex automatic sorting - the heart of wild blueberry cleaning line



DANEX Laser efficiency test of wild blueberry for SINGLE LASER SORTER:

WOOD	PLASTIC	MINERAL	GLASS	METALS	OTHER
93%	98%	97%	100%	96%	93%

! Please note that Danex is using the combination of **Laser - Optical - X-ray Sorting**

! **Accuracy**
Depending on customer needs we can **multiple** the cleaning process. In the top every fruit can be **scanned up to 15 times.**

! **Drive to perfection**
Our R&D Department continuously work on berry cleaning line. Only in 2017 we have already implemented **7 improvements**



D. Production process



The most complicated step in wild blueberry production process

Cleaning of wild blueberries

Profound description
SEE THE NEXT PAGE



Destalker

Used for removing remaining stalks from wild blueberries



Blowing Chamber

Used for blowing of foreign bodies like leave remainings, wooden pieces - which are not permanently attached to the fruit.



Laser/Optical Sorter

Consists of high tech laser sorter BEST, optical Sorter SORTEX and XRay which can detect and eliminate shape, color and density other than wild blueberry fruit



Inspection Belt

Used for manual inspection done on white belt by qualified Danex staff.



Danex

With whom? Where? How many?

Danex
In numbers:



10 000 T
of mushrooms processed
annually



10 000 T
of berry fruits processed
annually



trading with above 30
countries worldwide

