

BNX *ESSENTIAL OILS*

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INDUSTRIALIZING RURAL COMMUNITIES

***FREQUENTLY ASKED QUESTIONS
ON CULTIVATION OF
ESSENTIAL OILS CROPS***

WHICH CROP TO CULTIVATE?

ROSE SCENTED GERANIUM

Rosemary

Chamomile

Are some of the crops

We recommend crops based on the climatic conditions of the area and in relation to the current market demand



WHERE TO CULTIVATE RG?

**Western and Eastern CAPE
MPUMALANGA
N.WEST
LIMPOPO
KZN**

WHERE DO I GET THE PLANTS?

e.g. BNX NURSERY KZN
SENZUBUHLE FARMING MPUMALANGA
or other recommended by producers





PROPAGATING ROSE GERANIUM



**MOST IMPORTANT THINGS
TO KNOW**

**LANGUAGE OF THE PLANTS
KNOW YOUR CULTIVAR
ORIGINALITY
LIFESPAN**

PELARGONIUM var Rose IN KZN



PELARGONIUM var Rose IN LIMPOPO



PROJECTS SUPPORTED BY BNX

MPUMALANGA

SENZUBUHLE FARMING
FANIE SILVESTER ZULU

LIMPOPO

TILO LE KIBA PRIMARY COOP
NUTRIPLUS NEUTRITICALS

NORTH WEST

BOSOEU ESSENTIAL OILS

KWAZULU NATAL

NEW GOLI COOP
NYINYWASI COOP
BE HAPPY COOP
SISONKE SIZOPHILA COOP
EL ROI CONSULTANTS
SIQALO SEMPILO COOP
+ 54 MORE COOPS

GAUTENG

GP ESSENTIAL OILS

WHAT BNX ENCOURAGES EMERGING FARMERS TO DO

**TO START WITH WHAT THEY HAVE
UTILIZE THE LAND THEY HAVE TO PRODUCE ESSENTIAL OIL CROPS AND
VEGETABLES FOR FOOD SECURITY
WORK THEIR OWN LAND
PROPAGATE THEIR OWN PLANTS TO EXPAND
WE ALSO TRAIN THEM ON MANUAL WEED CONTROL
IDENTIFYING COMMON PESTS AND DISEASES ON THEIR CROPS
AND CONTROL THEM
WE ALSO TRAIN THEM ON CORRECT IRRIGATING METHODS**

**BNX is a member of SAEOPA willing to transfer Skills on production
of essential oils**

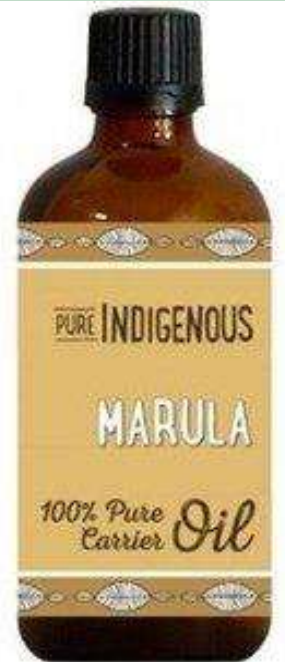
WHERE DO I GET A DISTILLER?

EDESA buildt good units in different sizes at very reasonable prices. They deliver in all areas and also exports to foreign countries. They follow up and post service is reported excellent.

They also give training on operating the distiller

HOW DO I STORE THE OIL?

Oils should be stored in cellar conditions and in glass or stainless steel. Vegetable oils can be stored in food grade plastic drums out of direct light and in cool temperatures.



WHAT IS THE BET PLANT DENSITY FOR THE CROP?

The global tendency is as dense as possible. For best indication the production guides from DAFF available on the website , can be used for different crops and taking into account the harvesting method and if irrigation is applied. For Rose geranium 40-50 000 plants per ha proved optimal in frost free areas.

Where do I get fertilizing and irrigations recommendation?

There is a general recommendation per crop made available on the production guides as provided by DAFF. It also depends on your area and if you are going to be doing it organic.

Your soil will need to be tested first e.g. (ARC)

When is the best time and how frequently do I harvest?

Usually the state and offset of flowering indicate the best time to harvest for best quality.

Some areas allow for three to four harvests for geranium while others will only be able to harvest two to three times per year.



What is the best harvesting method?

It depends on the crop and area mostly. For geranium and it is best to harvest by hand and secateurs while a bush cutter works best for rosemary.

Lemon grass, Lavender and Lippia are harvested by sickles although mechanical harvesting is done increasingly by harvesters in all crops.



I have a crop X and would like to know who can process it.

Most producers have their own distillery and/or seed presses. There are also producers who process for others as it is the most expensive investment.

A list of such processors are available from the data base of SAEOPA.

SOME FARMERS STILL LACK SUPPORT TO GET THEIR CROPS DISTILLED



WHAT I ENCOURAGE FARMERS TO DO



SCOUTING, WEEDING AND IDENTIFYING COMMON DISEASES



SCOUTING

PARASITES
ATTACKING CROPS



WEEDING MANUALLY





THANK YOU

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