



About NFPP

Nedspice believes that backward integration and sustainability are some of the main challenges for the food industry in the years ahead. To ensure that spice farming remains financially attractive and offers a sustainable livelihood for farmers Nedspice has initiated the development of backward integration programmes for farmers in the countries it works in. This ambition is laid down in the Nedspice - Farmers Partnership Programme (NFPP) which defines the approach, key principles as well as the expected results. In this update you will find information about the latest NFPP activities for ginger and nutmeg pilots undertaken in Kerala, India.

Crop stage



- The ginger pilot programme commenced with plantings in Jun-17.
- The crop established good vegetative growth during the period July to October, with no disease incidences worth mentioning.
- The rhizome maturation stage is completed and the crop is presently in the (pre-) harvest stage, with harvest likely to commence by week 5 (29-Jan).
- The nutmeg plantations are currently in the fruit development stage, fruits showing healthy growth without any pest attack.
- Nutmeg harvest would commence from June-18 onwards.

Crop development in NFPP area (2017/18 season)¹

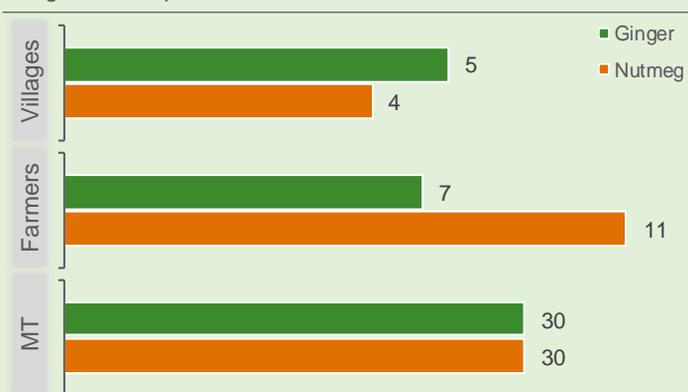
Ginger	Period	Nutmeg	Period
Planting	Jun	Non flowering	Sep
Vegetative	Jul – Oct	Bud initiation	Oct – Nov
Rhizome formation	Nov	Fruit development	Dec – Mar
Rhizome maturation	Dec	Fruit maturation	Apr – May
Harvest	Jan – Feb	Harvest	Jun – Aug

Developments



- The ginger pilot was initiated in Jun-17, in Palakkad district of Kerala, known for production and processing of high quality ginger.
- The project comprises 5 villages in Palakkad district with 7 farmers enlisted. A procurement target of 30 MT of sulfur free dried ginger has been set for the pilot.
- The nutmeg pilot was initiated in Sep-17 in Ernakulam district of Kerala, known as one of the traditional nutmeg growing regions in Kerala.
- 11 farmers, with productive nutmeg plantations that are 16+ years old, across 4 villages are participating in the programme.
- A procurement target of 30 MT is set for the nutmeg pilot.

Programme impact and evolution



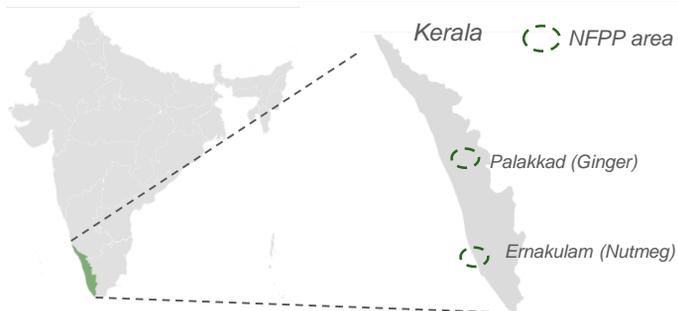
Crop development



- Ginger field in pre harvest stage (left) and mature rhizomes (center).
- Nutmeg in fruit development stage (right).



NFPP area overview



1) Stages are indicative for the Himachal and Kochukudy varieties, for ginger and nutmeg respectively (popularly grown varieties).



- The ginger pilot programme got underway from Jun-17, with the identification of farmers having ginger fields located in villages in proximity of the NSPI processing unit in Palakkad district of Kerala.
- Regular ginger field visits during all crop stages for ginger, starting from pre-planting stage to rhizome maturation stage, helped in raising a healthy crop, which has been free from any major disease incidence and insect pest attack during the crop cycle.
- Most important contributions have been the promotion of safe and recommended pesticides, as well as application of bio products.
- For nutmeg, being a perennial crop, focus has been on timely application of fertilizers and adherence to good agricultural / cultural practices (GAPs), since the initiation of the pilot programme.
- Particularly the focus on the right harvest and post harvest practices is important to obtain safe (aflatoxin free) produce.
- The NFPP App for both ginger and nutmeg has been developed, where farmer details and various farmer activity data is being kept.

NFPP App for Ginger and Nutmeg



Ginger harvesting



FARMER DETAILS	
Kadar	
More details P1 +	
Dt of germ 2017-07-17	
P1	24.50 tons 7 acre
Total	24.50 tons 7 acre
ACTIVITY	FUNCTIONALITY
Pending Activity	
pre - sowing	18-May-02-Jun
sowing	02-Jun-17-Jul
Early Vegetative	17-Jul-16-Aug
Mid Vegetative	16-Aug-15-Oct
Rhizome formation	15-Oct-14-Dec
Capture Photo	
Chemical Application	

NFPP-NUTMEG		
ABDUL NIYAS P.A ERNAKULAM		
Farmers	Summary	Buying Status
Maps	Weather conditions	Sync Data
Refresh	Export DB	



What's next?



- Ginger
 - Crop harvest to commence by end Jan-18 / early Feb-18.
 - Communication to pilot programme farmers on a weekly basis for proper post harvest practices:
 - Thorough dry washing of harvested rhizomes.
 - Avoidance of sulfur during the drying process.
 - Drying of raw material to below 12% moisture.
- Nutmeg
 - Continue with adherence to good agricultural and cultural practices.
 - Farmer training to be conducted in Mar-18 on the right harvest and post harvest practices to be followed, for ensuring safe produce.

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