



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 the better nutmeg initiative undertaken in Kerala, India.

Crop stage



- The crop is at the end of fruit maturation stage and the harvest will start from early Jun-19.
- The crop size is estimated to drop by 20-25% due to heavy floods and strong winds during non flowering and bud initiation stages.
- Nutmeg orchards are showing healthy growth without any pest attack. Fruits are ripening and will be ready for harvesting when the pericarp splits open.
- Sun drying of nuts will be immediately carried out after harvest.

Climate development in NFPP area (2018/19 season)¹

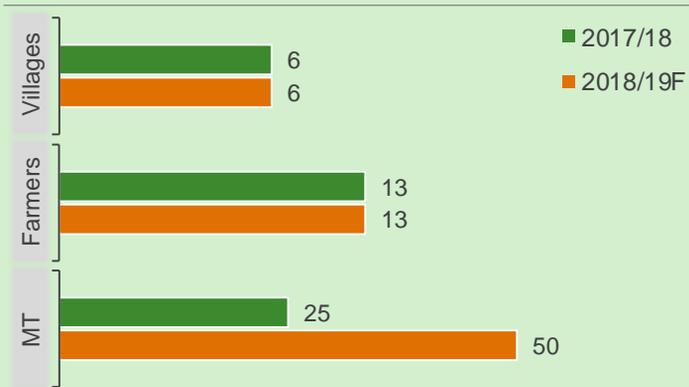
Stage	Period	☀️ C°	☁️ mm	☔ Days	📏
Non flowering	Sept	(1%)	(87%)	(62%)	✗
Bud initiation	Oct – Nov	(0%)	(25%)	(4%)	✗
Fruit development	Dec – Mar	0%	121%	-	✓
Fruit maturation	Apr – May	3%	30%	(27%)	✓
Harvest	Jun – Aug				

Developments



- The NFPP for nutmeg was initiated in the 2017/18 crop season. A pilot project started in Ernakulam district of Kerala, known as one of the traditional nutmeg growing regions in Kerala.
- 13 farmers across 6 villages, with productive nutmeg plantations that are 16+ years old, participated in the pilot programme, from which 25+ MT of superior quality aflatoxin free nutmeg was procured.
- The Better Nutmeg Initiative (BNI) has commenced for the 2018/19 crop season from 1-Sep-18.
- Nedspice aims to procure 50 MT of superior quality, aflatoxin free dried nutmeg from the 2018/19 crop season, c. 20% increase vs last season.

Programme impact and evolution



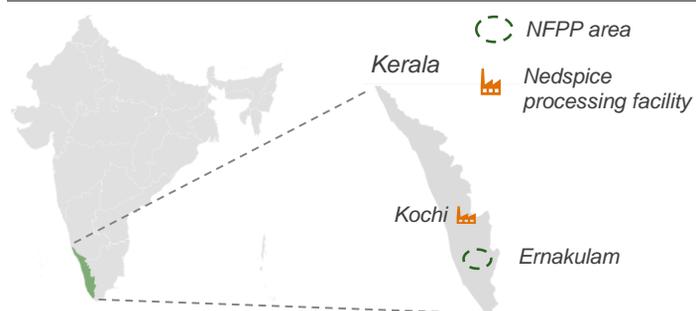
Nutmeg crop stage



- Nutmeg fruit maturation stage.

- Nutmeg early harvest stage.

NFPP area overview



¹) Stages are indicative for the Viswasree variety. The percentages represent the change versus the same period last year, considering data until 09-May-19. Rainy days are defined as days with >0mm rainfall. Temperature is based on the average of day maximum temperatures over the period. Disclaimer: This document is for information purposes only. The information contained herein does not constitute the provision of investment advice. It is not intended to be and should not be construed as a recommendation, offer or solicitation to purchase any product.



- Dec-18 – Apr-19: Farmer training on:
 - Proper application of bio-pesticides during fruit development and maturation stages;
 - Mulching with dried leaves and frequency of irrigation due to high summer temperatures;
 - Rain water harvesting pits were made at farms to collect water from summer rains and monsoon which is beneficial for groundwater table.
- Regular field visits were conducted to assure the adoption of Good Agricultural Practices on nutmeg orchards.
- All farming activities are being captured on the NFPP Nutmeg App to ensure complete traceability.

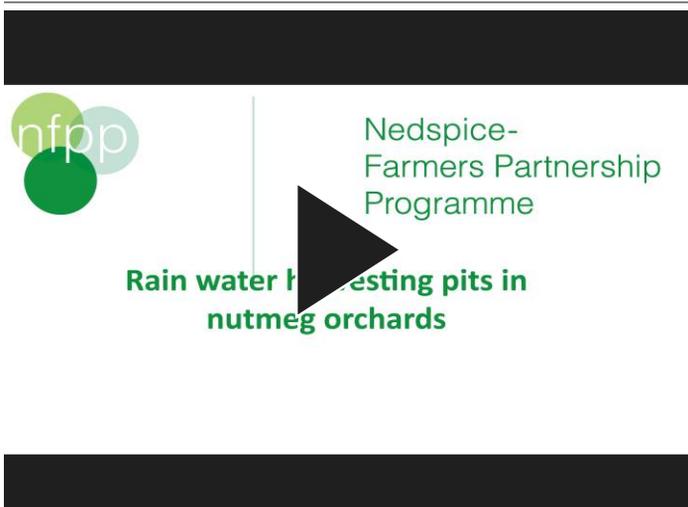
Technical support on farm



Rainwater harvesting



- *NFPP team supported a farmer during field visit.*



What's next?



- 30-May-19: Farmer training on:
 - Increasing the number of drainage channels to avoid water logging during monsoon;
 - Proper harvest and post harvest practices to ensure the aflatoxin free produce.
- Jun-19: Procurement of NFPP nutmeg will start at buying station near to the project area.
- Farm Sustainable Assessment certification of the NFPP Nutmeg farmers will be proposed for the upcoming crop season 2019/20.

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