



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 Turmeric in Kadapa and Palakkad, India.

Crop stage



- Plantings of Mydukuru and Pragathi turmeric varieties have commenced from June 2nd.
- Crops sown in the first week of June have started germinating.
- All seed materials have been treated with bio fungicides or fungicides prior to planting.
- Due to the delay in arrival of monsoon showers in Kadapa, sowings have been extended until July.

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

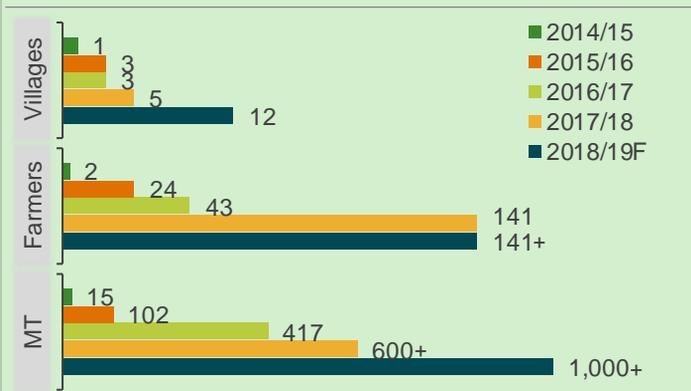
Stage	Period	☀️ °C	☁️ mm	☔ Days	📅
Planting	Jun	0%	(40%)	(23%)	✓
Vegetative	Jul - Oct				
Rhizome formation	Nov - Jan				
Rhizome maturation	Feb				
Harvesting	Mar - Apr				

Developments



- The NFPP for turmeric in Kadapa district of Andhra Pradesh was launched in the 2014/15 crop season, starting with 2 farmers in 1 village, from which 15 MT was procured.
- The programme quickly expanded over the subsequent seasons, almost quadrupling volumes in 2016/17 to 417 MT compared to 2015/16 volumes.
- Including the extension of the programme with a pilot in Palakkad, Kerala, the 2017/18 programme had 141 farmer registrations, a 325% increase versus 2016/17.
- Nedspice aims to procure 600+ MT from the 2017/18 crop and has set preliminary 2018/19 procurement targets of 800 MT for the Mydukuru variety and 200 MT for the Pragathi variety.

Programme impact and evolution



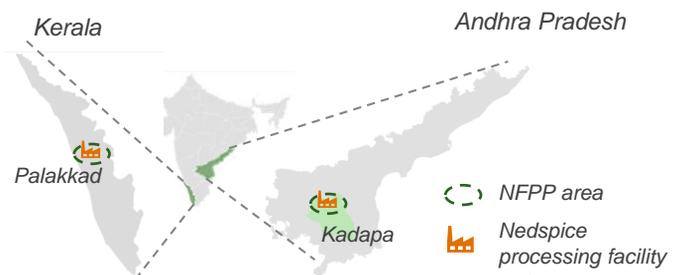
Land preparation



- Drip irrigation lines laid after land preparation.
- Early sprouting of the turmeric seed rhizomes.



NFPP area overview



¹⁾ Stages are indicative for the Mydukuru and Alleppey variety. The percentages represent the change versus the same period last year, considering data until 30-Jun-18. 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.



- Up to 30-Jun, approx. 470 MT of the Mydukuru turmeric variety had been procured from the 2017/18 NFPP turmeric programme.
- For the 2018/19 crop season in Kadapa:
 - Farmer trainings were conducted in all 12 project villages, discussing land preparation, seed treatment by using bioagents such as Trichoderma and Pseudomonas and optimal seed spacing per unit area.
 - Considerable savings on the seed cost (to the extent of 50%) has been achieved this season for the NFPP farmers by promoting plantings of sliced and treated rhizomes, thereby reducing the seed quantity requirement per hectare.
- The NFPP turmeric programme has been extended to Kerala for this season, with 100 farmer enlisted in 10 villages in Palakkad district, from which Nedspice aims to procure 200+ MT of the Alleppey Finger Turmeric (AFT) variety.
 - AFT sowings have got under way from the first week of June.

Turmeric seed treatment



- *The treating of sliced turmeric seed rhizomes with Trichoderma.*
- *Trichoderma treated turmeric seed rhizomes*



Land preparation and seed treatment



What's next?



- Palakkad, Kerala
 - A research trial for the production of AFT using pro-tray multiplication technique will be conducted with support from the Agricultural Science Centres - Krishi Vigyan Kendra, Kerala:
 - The trial will commence in Jul-18 and will be carried out over the whole season, with 6 different treatments.
 - Yield data under different treatments will be assessed, after which the optimal nutrient management schedule will be determined. Relevant data that could help reduce the unit cost of cultivation will be assimilated and analysed during the trial.
 - Planting materials would be procured by Nedspice at the end of that trial.
- Kadapa, Andhra Pradesh
 - Farmer training programmes on fertiliser and bio-pesticide application will be commenced from second half of August, with the participation of officials from the Project Directorate, Dept. of Horticulture, Kadapa. The training on waste management is in progress from presowing to preharvest stage.

Nedspice

Netherlands: +31 10 2801 380

United States: +1 843 443 4007

Vietnam: +84 274 37 18 005

India: +91 484 22 23 286

spices@nedspice.com

<http://www.nedspice.com/>

NEDSPICE

