



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



- Due to a delay of monsoon, sowings of the Mydukur and Pragathi varieties at Kadapa, Andhra Pradesh (the major NFPP project area) have not commenced yet. Temperature was reported at an average of 38°C, 6% higher than the previous season. Sowing is expected to extend until end of July, subject to weather conditions.
- In Palakkad, about 50% of farmers started sowing of the Alleppey Finger Turmeric (AFT) from 15-Jun due to monsoon break. However, sowing is expected to extend until July. Some early sown turmeric have germinated.

Climate development in NFPP area (2019/20 season)¹

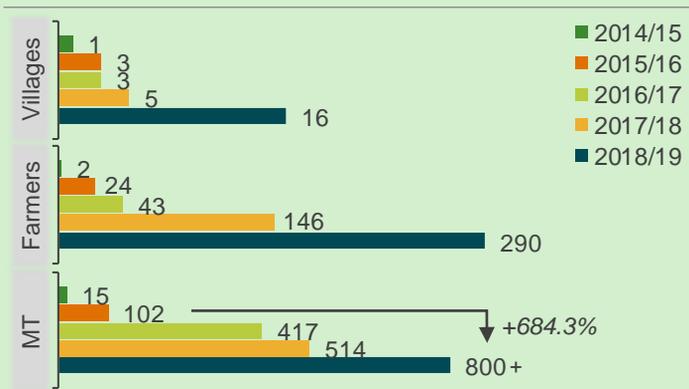
Stage	Period	°C	mm	Days	Planting
Planting	Jul	6%	(41%)	17%	✗
Vegetative	Aug - Nov				
Rhizome formation	Nov - Jan				
Rhizome maturation	Feb				
Harvesting	Mar - Apr				

Developments



- The NFPP for turmeric in Kadapa district of Andhra Pradesh was launched in the 2014/15 crop season. The programme quickly expanded over the subsequent seasons, more than quadrupling volumes in 2016/17 versus the previous year.
- Including the extension of the programme to Palakkad, Kerala, the 2018/19 programme has 290 farmer registrations, almost double the size of last season. With a total production of over 800 MT, Nedspice has procured 467 MT.
- For this crop season, Nedspice aims to maintain the current farmer network and continues to develop sustainable farming activities. The procurement target will be set once sowing is completed across the project areas.

Programme impact and evolution



Crop stage



- Land preparation at Kadapa.
- AFT sown on raised beds at Palakkad.
- Germination of AFT at Palakkad.

NFPP area overview



¹ Stages are indicative for the Mydukur and Alleppey varieties. The percentages represent the change versus the same period last year in Kadapa, considering data until 7-Jul-19. Rainy days are defined as days with >2.5mm rainfall. Temperature is based on the average of day maximum temperatures over the period.



Activities

- Early May-19: Farmer training was conducted on Good Agricultural Practices (GAPs).
- Mid Jun-19: Farm Sustainability Assessment onsite audit completed successfully in Kadapa which verified:
 - Greater awareness of farmers on biodiversity conservation and waste management practices;
 - Adoption of GAPs regarding crop rotation, green manuring, timely weeding, planting of wind breaks/ border crops.
- In Palakkad, Kerala: Trial with new varieties has started, including Alleppey Supreme, Pratibha and Pragathi varieties which are recommended by Indian Institute of Spices Research (IISR).
- Farmer registrations are in progress.
- Capture the field activities on the NFPP turmeric app to ensure complete traceability.

Farmer training - Kadapa



- *Dr. Prasad from IISR provided a training for farmers at Kadapa regarding GAPs.*



- *Dr. Prasad and Nedspice NFPP team had a discussion with farmers during field visit.*



GAPs - Palakkad



- *Leaves spread on raised beds to avoid damage in case of heavy monsoon.*



- *Application of agricultural lime which helps to improve physical, chemical and biological properties of soil and reduces toxicities.*



What's next?



- Regular field visits to ensure optimum spacing and seed treatment using bio fungicide.
- Farmer training on crop protection practices in case of extreme monsoon, pest and disease management.
- Fertilizer and micronutrient application will be recommended based on soil analysis.
- Implementing water harvesting methods like rain water harvesting pits, percolation ponds for ground water recharging on fields.
- Kadapa, Andhra Pradesh:
 - Jul-19: Trial of AFT variety is expected to be implemented on 6.5 ha.
- Palakkad, Kerala:
 - Keep tracking trial project with new variety cultivation.

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/>

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