



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



- The harvest has commenced from mid Jan-19, starting firstly in Palakkad with Alleppey Finger Turmeric (AFT) variety and followed by the Pragati and Mydukuru varieties in Kadapa in March.
- In Palakkad, 30-40% loss of the AFT crop's yield is estimated due to the impact of the floods last August. Severe damage is also observed in the Pragati and Mydukuru crops in Kadapa owing to the drought during vegetative stage.
- Post-harvest processes (boiling and drying) are being carried out on the fields.

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

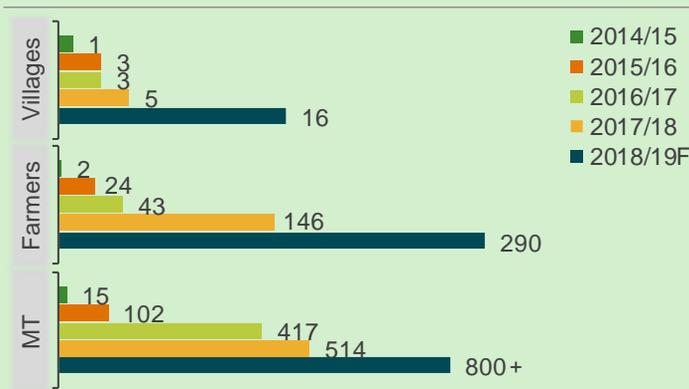
Stage	Period	☀️ %	mm ☁️	Days	📅
Planting	Jun	0%	(40%)	(23%)	✓
Vegetative	Jul - Oct	2%	(35%)	(15%)	✗
Rhizome formation	Nov - Jan	0%	n.a	n.a	✗
Rhizome maturation	Feb	3%	n.a	n.a	✓
Harvesting	Mar - Apr	(1%)	n.a	n.a	✓

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.
- Nedspice procured 514 MT from the 2017/18 NFPP turmeric programme. For the 2018/19 crop, revised procurement targets of 700 MT for the Mydukuru variety, 50+ MT for the Pragathi variety from Kadapa and 50 MT of AFT from Palakkad have been set.

Programme impact and evolution



Crop stage



- Chopping of dried turmeric leaves prior to harvesting.
- Harvesting of turmeric.
- Drying of boiled turmeric on rocky outcrops.

NFPP area overview



¹ Stages are indicative for the Mydukuru and Pragathi variety. The percentages represent the change versus the same period last year in Kadapa, considering data until 10-Mar-19. Rainy days are defined as days with >0mm rainfall. Temperature is based on the average of day maximum temperatures over the period.



Activities

- In Kadapa, Andhra Pradesh:
 - Early Feb-19: Farmer training on the proper harvest and post-harvest practices to ensure aflatoxin and allergen free produce.
 - 25-Feb-19: Chopping of turmeric leaves (the Mydukuru variety) before harvest.
 - 26-Feb-19: Zero Budget Natural Farming training to farmers, briefing on how to manage the farm without spending money on purchased inputs and without using chemicals.
- In Palakkad, Kerala:
 - Boiling of turmeric is being carried out in the fields after harvest. Boiled turmeric is dried on the rocky outcrops to ensure moisture compliance of below 10%.
 - The AFT procurement from farmers commenced from 2-Feb-19.
 - Harvesting of 15-20% crop areas has been postponed to end of March, ensuring the maturity of the rhizomes which will be used as seed material for the next crop season.

Farmer training in Kadapa



- *Zero Budget Natural Farming training in Kadapa.*



- *Using of tarpaulin sheets to avoid soil contamination.*



Farmer visit in Palakkad



- *Drying of boiled turmeric on the terrace.*



- *Nedspice team and customer visited a smallholder farmer family at Palakkad.*



What's next?



- Kadapa, Andhra Pradesh:
 - Procurement of dried turmeric (Mydukuru) will commence from 20-March-19 onwards.
 - Evaluate colour and curcumin content of the AFT variety from the trial farm in Kadapa, possibly expand the cultivation area for this variety in Kadapa.
 - Capture the harvest data and procurement volume on the NFPP turmeric app.
 - Continue supporting farmers during harvest and post-harvest, providing the proper practices to ensure aflatoxin and allergen free produce.
- Palakkad, Kerala:
 - Apr-19: Selection of NFPP farmers for the next season.
 - Mid Apr-19: Nutrient management for the next crop will be improved by conducting soil analysis before sowing.
 - Mid May-19: Farmer training on seed storage, land preparation and seed treatment will be held.

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