



# Nedspice-Farmers Partnership Programme

NFPP Cumin Update November 2021

## About NFPP

Nedspice Farmers Partnership Programme (NFPP) is Nedspice sustainable sourcing program. Through NFPP we encourage farmers to make their cultivation practices more environmentally, economically and socially sustainable. Farmers are invited into a financially attractive and long-term partnership. Through training and on-farm support we help to develop sustainable and profitable farms, that produce high-quality and safe spices. For more information, please visit [www.nedspice.com/sustainability/nfpp/](http://www.nedspice.com/sustainability/nfpp/)



### NFPP Cumin operations

In the crop season 2013/2014 Nedspice initiated NFPP for cumin cultivation. The program started off with 44 farmers, divided over 4 villages in Rajasthan, India. In 2020-21, NFPP for cumin has grown into 1200 participating farmers in 64 different villages, who collectively produce around 6000 MT of sustainable cumin.

## Cumin cultivation

The NFPP team is at the forefront in providing ground level support to farmers. Cumin sowing starts in October and marks its end by harvesting in March.





*Off to a good start! The NFPP Rajasthan Cumin Team kicking off the new crop season*

During the cultivation season, the NFPP team works with farmers and guides them based on Nedspice Package of Practices (POP). The POP is developed through continuous research and field trials conducted by Nedspice agronomists and experts. The POP includes information on seed treatment and recommendations on the application of nutrient solutions during each crop stage. Farmer trainings includes weed management for Pyrrolizidine Alkaloids control, which results in an approximately 80% approval rate for the new EU minimum levels.

Our broad experience of working with farmers and sourcing directly from the same farmers, combined with our own processing facilities in India, we have an integrated supply chain which enables us to maintain traceability of the product from farm to fork under SAP.

## NFPP Cumin crop stage

Stage	Period	°C 	Mm 	Days 	
Sowing	Oct - Dec	13-17°C	0.00	25 days	Sowing in progress

# Research and Development

Before we recommend any agri-inputs to NFPP farmers, field trials are conducted, and results are thoroughly analyzed by the agronomists. Through different trials and R&D we determine the right type, dosage, method and application time of fertilizers and pesticides. In order to get high quality raw material that is free from pesticide residue, it is critical to implement sustainable cultivation practices for cumin. Nedspice believes that quality input determines quality output.



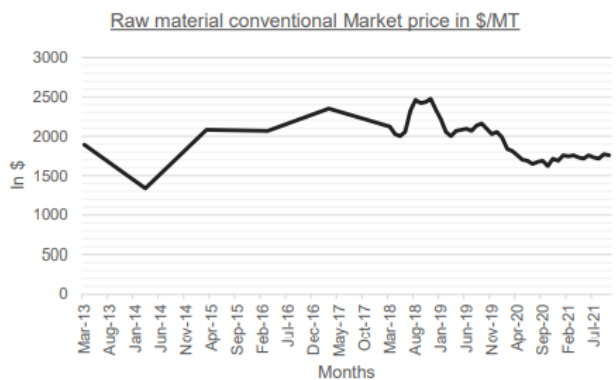
Farmers who are a member of Nedspice Kisaan Club (NKC) receive a smart card to purchase agri-inputs at a reduced price. Based on the information stored on the card, the right type and quantity of input is recommended. This enables farmers to procure tailormade high-quality inputs. For more info about the Nedspice Kisaan Club see this [video](#).



## Current price outlook

Early sowing commenced during the end of October because low temperatures were expected during the night, which is a favourable condition for the germination of Cumin.

Due to the low price for cumin for the past two years (post Covid-19), some farmers are diverting into other crops. We expect a considerable reduction in the sowing area in Rajasthan. The exact area size will be updated after the sowing is complete.



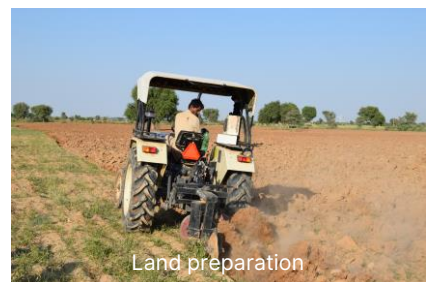
After the sowing commenced the NCDX and conventional cumin price increased (+\$135). A price increase is likely if the sowing area is reduced as expected.



Cumin sowing – broadcasting method



Land preparation



Land preparation



Farmer training – pre-sowing



Farmer training – pre-sowing



GPS mapping

