



ABOUT NFPP

Nedspice Farmers Partnership Programme (NFPP) is Nedspice’s sustainable sourcing programme. Through NFPP we help farmers to grow their crops 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/

NFPP SOURCING AREA



NFPP CUMIN UPDATE

In February, the cumin plants are in their final stage of seed setting. After drying on the field, the plants will be harvested over the coming weeks. Weather conditions has been unfavourable: ocean winds brought warmer temperatures and increased humidity, which can lead to the proliferation of the plant disease known as Alternaria Blight. A disease

that is mainly caused by high soil moisture. The NFPP team has been helping farmers to prevent and control the disease. Weather forecasts have been shared ahead of time allowing farmers to take the necessary measures, and the NFPP team provided on-farm support to help farmers implement the right practices to manage the disease.



Cumin

CROP STAGE

stage	period	Min and max temp. °C	rain mm	rain days	main activity
Sowing	Oct – Dec	13 – 17	25.00	2	Sowing in progress
Vegetative	Nov - Dec	8 – 20	0.00	0	Fertiliser application
Flowering	Dec – mid Jan	9 – 24	0.00	0	Irrigation and plant protection application
Seed setting	Mid Jan – mid Feb	9 – 27	0.00	0	Plant protection application
Harvesting	Mid Feb – mid Mar	14 – 31	0.00	0	Drying

ALTERNARIA BLIGHT



- > Alternaria Blight (*Alternaria burnsii*) is the most detrimental disease for cumin growing in Rajasthan and Gujarat, India.
- > Blights appear during the flowering stage and are recognised as very minute brownish necrotic spots that turn black over time. The spots are on leaves and stems and cause the stem tips to bend downwards.
- > Affected plants fail to produce seeds and the plants dry up. If seeds are produced, these are usually shrivelled, light in weight and dark in colour.
- > Humid conditions after flowering increases the occurrences and proliferation of the disease.

PRICE OUTLOOK



- > According to the Indian Spices board the cumin sowing area in Rajasthan decreased with 30% this year.
- > Gujarat cumin is currently at a wholesale market price of \$2800/MT. A difference of \$900/MT compared to the same period last year.
- > Most of last year's integrated pest management (IPM) cumin is sold out and any new supply has to come from the new crop.
- > This year's blight disease and China's new pesticides regulations will create a high demand for IPM quality cumin.
- > Taken together, the above factors are likely to drive a further increase of cumin prices.



Healthy cumin field



Cumin field affected by Alternaria Blight



NFPP team training cumin farmers