

BLACK MUSTARD

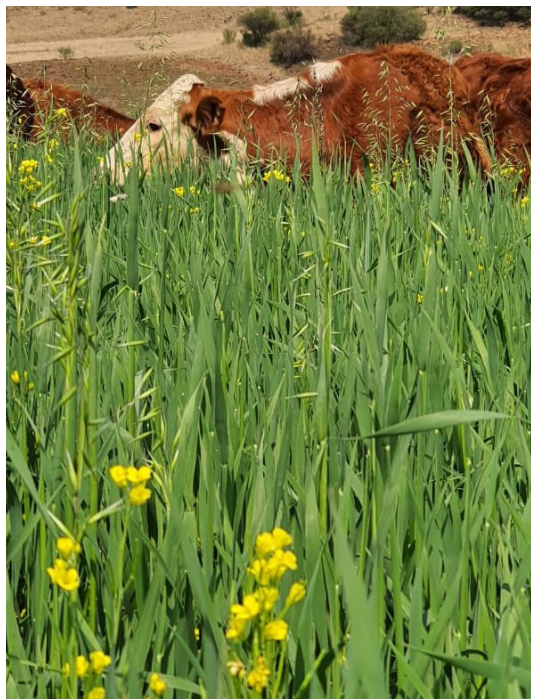
NEMAFIX

COVER CROP

Brassica nigra does not fix atmospheric nitrogen, it does sequester nitrogen from the soil, which is then returned back into the soil when plants senesce. Black mustard is allelopathic, effectively inhibiting growth of weeds when it is thickly sown.

The main use of mustard is as a cover crop in orchards, where it is known to inhibit infestations of aphids and spider mites. Where autumn-sown mustard is mowed, the plant matter that remains make a desirable mulch for growing spring crops and vegetables. Gas is released during decomposition acting as a biofumigant. Generally these levels are higher than in white mustard.

Isithiocyanate (ITC) is a natural gas released from all brassicaceous plant tissue. The gas is produced when the plant cells are damaged (by crushing/mowing or chopping) and compounds called glucosinolates (present in all brassicas) come into contact with an enzyme (myrosinase) in the presence of water.



Nemafix used in a Cover Crop mix. Speak to your sales rep about a mix specific to your needs.