

# Brassica Biofumigant Cover Crops

## Management

The crop would most likely benefit from moderate fertiliser and irrigation to optimise its growth and performance. Little is known about its potential as a biofumigant although it is one of the varieties found in BQ Mulch.

## Potential uses

- Biofumigant
- Green manure crop
- Prevent soil loss through rainfall runoff
- Nursery for beneficial insects

## Insect and disease issues

- It would attract the same range of insect pests and diseases found in BQ Mulch
- **Significant insect pests could include:** Cabbage cluster caterpillar, Diamondback moth and Aphids
- **Other insect pests found include:** Cabbage centre grub, Whitefly, Thrips, Rutherglen bugs, Flea beetles and Leaf minor
- **Common diseases include:** Bacterial brown rot, Powdery mildew and White blister

Refer to the APVMA for information about chemical control of pests. Always read and understand the label before using any chemical.

## Black Mustard



**Botanical name** *Brassica nigra*

**Synonyms** Black mustard

**Seeding rate** 10kg/ha

### Growth habit

- Medium height crop
- Multiple stems with dense pale green foliage
- Biomass production up to 69t/ha fresh weight in Winter

**Planting** All year round but greatest biomass during cooler time of the year

**Incorporation**

- 60 days in Summer
- 70 days in Winter