

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 species found in Biofum.

Potential uses

- Biofumigant
 - Its potential as a biofumigant is unsure as it had low glucosinolates from some field work in Bundaberg
- Green manure crop
- Prevent soil loss through rainfall runoff
- Nursery for beneficial insects, especially at flowering

Insect and disease issues

- It could attract the same range of insect pests and diseases found in Biofum
- **Common insect pests include:** Cabbage cluster caterpillar, Diamondback moth, Cabbage centre grub, Aphids, Thrips and a number of other insects. They are all found only in non-damaging levels
- **Common diseases include:** White blister, Bacterial brown rot and Pythium damping off

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

White Mustard



Botanical name *Sinapis alba*

Synonyms White mustard

Seeding rate 10kg/ha

Growth habit

- Medium height crop to between 1–2m with multiple stems and dense pale green foliage. Bright yellow flowers
- Biomass production up to 57t/ha fresh weight in early trials

Planting May struggle with a Summer planting

Incorporation

- 42 days in Summer
- 70 days in Winter