# **Brassica** Biofumigant **Cover Crops**

### Management

The crop benefits from moderate fertiliser and irrigation to optimise its performance as a biofumigant. Ammonium sulphate at 120kg/ha 3–5 weeks after planting is recommended.

#### Potential uses

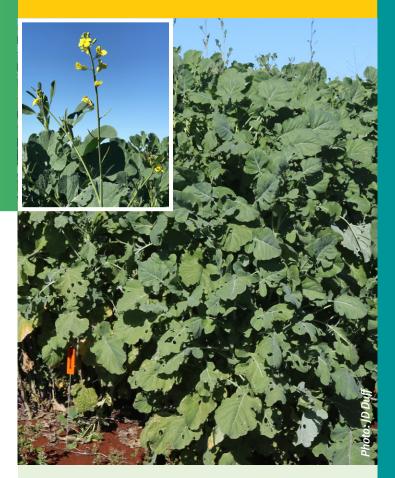
- Biofumigant
  - Suppression of Macrophomina Phaseolina in with a Spring planting<sup>1</sup>
  - Suppression of Verticillium dahlia, Pythium spp., Fusarium spp., Rhizoctonia spp.<sup>2</sup>
  - Low control of nematodes<sup>2</sup>
- Green manure crop
- Prevent soil loss through rainfall runoff
- Nursery to beneficial insects

#### Insect and disease issues

- Significant insect pests include: Cabbage cluster caterpillar, Diamond back moth, Aphids and Whitefly
- Other insect pests found include: Cabbage centre grub, Cluster caterpillar, Thrips, Red-shouldered beetle, Flea beetle and Leaf minor
- Significant diseases include: Powdery mildew
- Other common diseases include: Bacterial brown rot

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

## Cappucchino



Botanical name	Brassica carinata
Synonyms	Abyssinian mustard Ethiopian mustard
Seeding rate	15kg/ha

#### **Growth habit**

- Tall plant with waxy blue/green foliage similar to broccoli. Pale yellow flowers
- Grows up to 100-180m tall
- Biomass production up to 122t/ha fresh weight. Subject to lodging

Planting	All year round, best during cooler months
Incorporation	• 64 days in Summer

97 days in Winter

<sup>1</sup> Department of Agriculture and Fisheries <sup>2</sup> Other sources



