

Brassica Biofumigant Cover Crops

CalienteTM Brand Rojo

Management

The crop benefits from additional 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
 - Manages a wide range of soil pests, diseases and weeds, through correct incorporation¹
- Green manure crop
- Feeds the important soil biota to help improve soil structure, water holding and drainage capacity and nutrient release
- Prevent soil loss as a result of high rainfall events
- Nursery to beneficial insects

Insect and disease issues

- May potentially attract the same pests and diseases as Caliente
- **Significant insect pests include:** Cabbage cluster caterpillar, Cabbage centre grub and Aphids
- **Other insect pests found include:** Diamondback moth, Whitefly, Thrips, Rutherglen bugs, Leaf minor, Jassids and Flea beetles
- **Significant diseases include:** Downy mildew and Powdery mildew
- **Other common diseases include:** White blister, Bacterial brown rot, Virus and Phytoplasma

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



Botanical name *Brassica juncea*

Synonyms Indian Mustard

Seeding rate 7kg/ha

Growth habit

- Grows to 1m tall or more
- Deep tap root
- Bright yellow flowers
- Biomass production up to 80t/ha fresh weight¹

Planting Potentially grown when Caliente is grown

- Incorporation**
- 44–50 days in Summer
 - 98 days in Winter

¹ Other sources