

## TECH SHEET






### QUICK FACTS

**BRACO** white mustard is a useful cover crop in vineyards, annual crop rotations, and home gardens as a winter cover. In addition to producing a large amount of high protein green manure, Braco has been shown to suppress nematodes and other soil borne organisms and some weed seeds. If Braco is plowed down, it can reduce the nitrogen needs for the next crop due to its high nitrogen content.

Nematode suppression occurs in two ways. Braco releases a chemical similar to cyanide that acts as a fumigant in the soil. Also, nematode larvae penetrate the Braco root, but are unable to complete their life cycle, thus drastically reducing the number of nematodes in the soil the following year. For weed suppression, increased soil tilth and increased organic matter, Braco is an excellent choice.

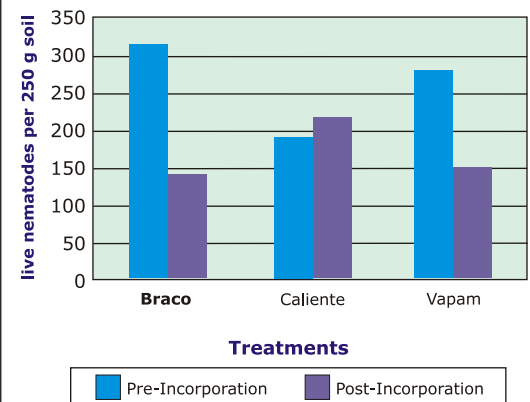


### Notable Features

-  NEMATODE SUPPRESSION
-  INCREASES SOIL TILTHE
-  HIGH NITROGEN CONTENT
-  HIGH PROTEIN FORAGE
-  GOOD WINTER COVER

### TRIAL DATA

The Effect of Green Manures on Dagger Nematode



**Braco can cut costs by 70%!**

Approximate cost to treat Nematodes:

<b>BRACO</b>	<b>\$100-\$150 p/acre</b>
<b>VAPAM</b>	<b>\$300-\$500 p/acre</b>

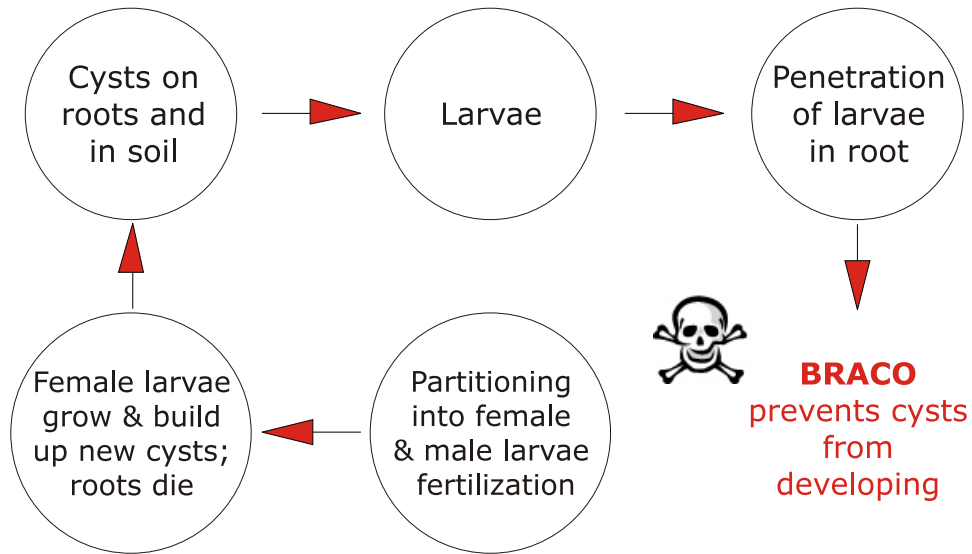
### SEEDING RATES

15-20 lbs / acre

## NEMATODE SUPPRESSION

Growers of root crops like potatoes and sugar beets find nematode suppressing crops like Braco to be very beneficial, but Braco can increase the yields of other crops such as small grains as well.

### Braco reduces nematodes in the soil by interfering with their life cycle -



### Braco White Mustard Trial

Summer 2005 - Madras, Oregon

Planted on May 14, 2005 at a rate of 15 lbs/acre

**Notes:** On July 4, 2005 the following practices in regards to working in Braco White Mustard were performed

1. Flail chopped
2. Disced the field twice with an offset disc approximately five inches deep



**Testing:** June 29, 2005 - First Nematode Sample

Results: 1845 nematodes/100 grams soil  
or 36,900 nematodes/quart

Approx. 85% *Pratylenchus Thornei*  
Approx. 15% *Pratylenchus Neglectus*

24 beneficial nematodes/100 grams soil

**Testing:** Sept. 20, 2005 - 2nd Nematode Sample

Results: 0 *Pratylenchus Thornei*  
0 *Pratylenchus Neglectus*  
2 Pin Nematode

640 beneficial nematodes/100 grams soil