



# Scala

## Brown Mustard

**Scala** brown mustard (*Brassica juncea*) is a “hot mustard” that can be used as a biofumigant, nitrogen catcher, green manure and cover crop. Although utilized similarly to yellow mustards, Scala brown mustard can produce more biomass and more glucosinolates, which are more beneficial for suppressing soilborne pathogens and nematodes. For best utilization of glucosinolates, mature green vegetation should be tilled into the soil. However, even in no-till situations, you can still benefit from the glucosinolates produced. Scala also produces a thick tap root that penetrates deep into the soil with a thick, fibrous root system near the surface. Yellow flowers will begin to appear approximately 6 weeks after emergence, giving it the added benefit of attracting many beneficial and pollinator insects. When used as a fall planted cover crop, Scala can give 100% ground cover in a few short weeks,

### APPLICATIONS

- Excellent for reducing soil borne pests and disease pathogens.
- Well suited as a green manure and nutrient scavenger.
- Well suited for erosion control, weed control, reducing soil compaction and improving soil organic matter.

### FEATURES

- Excellent biofumigant and nematode resistance properties
- Medium maturity and frost tolerance
- Medium length, thick taproot with fibrous roots near the soil surface

### MANAGEMENT

- Seeding Rate (Drilling): 5-7 pounds per acre
- Seeding Rate (Broadcast/Aerial): 8-12 pounds per acre
- Planting Depth: 1/4— 1/2 inch
- Mustards need sufficient N & S for optimum growth with ideal ratio being 6N:1S.

### BENEFITS

- Reduces white beet cyst eelworm and yellow sugar beet nematodes as well as fungal pathogens such as rhizoctonia, sclerotinia and pythium
- Allows for added root and top growth into the fall
- Aids in reduction of soil compaction as well as ability to mine for nutrients



AVAILABLE THROUGH



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