



# GETTING THE BEST RETURN FROM YOUR COVER CROP INVSETMENT

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INTERGRATED

COVER-CROP

MANAGEMENT  
T

SYSTEM.

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BIOFUMIGATION

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POLLINATOR PLOTS

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TRAP-CROPPING

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HARVESTING

# What is Biofumigation

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- The decomposition of plant materials or animal products release volatile compounds with pesticidal properties.
- The vegetable group called brassicas contain organic compounds called Glucosinolates.
- When the tissues of these plants are damaged, biologically active chemicals are produced. One of the most important compounds released is isothiocyanate (ITC).





OUR BIO MIX  
70/30% mix of  
Caliente 199/  
Caliente Rojo

# Equipment needed to implement the process of bio-fumigation on your farm:

Roller or cultipacker

- Overhead irrigation / Rain

Tractoring,

Tiller or harrow

Seeder (drill or broadcast)

Flail mower



# Results (before)





**Results (after)**





**POLINATOR PLOTS, Consisting oats, peas, Sudan grass, and sunflowers**







Mustard as a  
late fall food  
source for bees.

As a feed alternative for beef cows

# Sudan grass





sunflowers  
as a cash  
crop for  
your  
farmstand.

# Winter rye for summer straw production



# Oats and peas as a long season crop



Using as a  
planning  
tool for next  
season.

1. Sod/Red-Clover/Alfa  
lfa
2. Sunflowers, Oats  
and Peas, opt./  
Sudan-grass
3. Winter Rye, Fall  
Planted/Summer  
harvest.
4. B2B Mustard  
Seed-Bio-Seed
5. MUSTARD Bio
6. Sudan Grass/Red  
Clover
7. Sod/red-clover/Alfal  
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QUESTIONS

