

Openfield™



Seed, fertiliser, grain, storage.

# Catch and Cover Crop Solutions



[www.openfield.co.uk](http://www.openfield.co.uk)

British grain for British food and drink.



## BIO TILL N

Bio Till N combines the benefits of both Black Oats and Vetch. Black Oats establish rapidly producing high foliage and root bio-mass improving soil structure and capturing nitrogen from the soil. Vetch produces high bio-mass and fixes nitrogen over a prolonged period which is then captured by the oats making them the ideal partner.

Can be sown in the Summer/Early Autumn after harvest or Spring after a winter fallow. Maintains a true break from Cereals and Brassicas.

- High bio-mass
- Soil Conditioning
- Good weed suppression

**73% Black Oats**  
**22% Vetch**  
**5% Phacelia**

**Sow at 30-35 kg/ha**



## BIO TILL

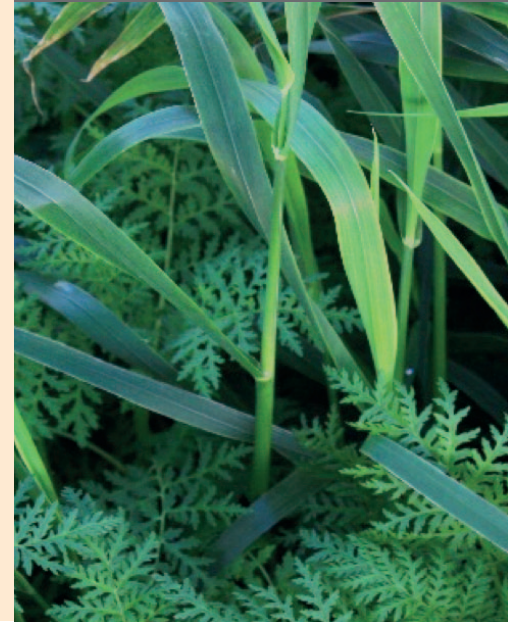
Bio Till is the ideal cover crop where pulses feature within the rotation. Maintaining a true break for both pulses and brassicas whilst combining the benefits of both Black Oats and Phacelia.

Bio Till can be established both Summer/Autumn post harvest and in the Spring.

- Excellent soil conditioning
- Nutrient capture
- Fast establishment
- Good weed suppression

**93% Black Oats**  
**7% Phacelia**

**Sow at 25-30 kg/ha**



## BIO TILL +

Bio Till + brings the added benefits of Phacelia which is one of the best plants for creating an aggregated Tilth in the top two inches of soil.

It also increases the ground cover and has the ability to attract beneficial insects when Spring sown.

- Good ground cover
- Fast Establishment
- Fixes and Captures Nitrogen
- Excellent soil conditioning

**73% Black Oats**  
**22% Vetch**  
**5% Phacelia**

**Sow at 30-35 kg/ha**



## PROFILE TILL

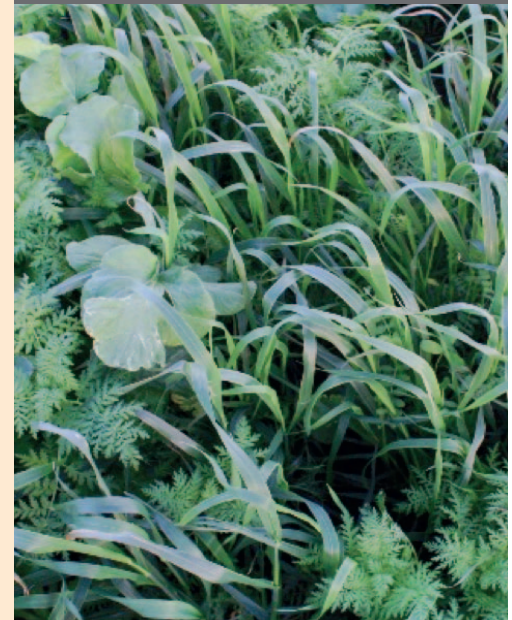
Profile Till Contains a range of species with a combination of different rooting depths. This combination provides extensive soil conditioning throughout the soil profile, with excellent ground cover and nutrient capture

Sowing should take place Summer/Autumn and Spring.

- Diverse mixture
- Intense soil conditioning
- High dry matter
- Fixes and Captures Nitrogen

**46% Black Oats**  
**31% Vetch**  
**5% Phacelia**  
**10% Mustard**  
**8% Deep Till Radish**

**Sow at 25-30 kg/ha**





## DEEP TILL

Deep Till combines high biomass, soil conditioning, nitrogen fixation and capture, with compaction reducing deep tap roots.

Sowing should take place in Summer/Early Autumn.

- Deep Rooting
- Quick growing
- Fixes and catches nitrogen
- Reduces compaction

**70% Black Oats**  
**20% Vetch**  
**10% Deep Till Radish**

**Sow at 25-30 kg/ha**



## COVER TILL

An economical mix that will establish rapidly providing excellent cover. Combining white mustard and forage rye. White mustard will grow very quickly giving good early cover. Forage rye will providing excellent winter long ground cover and weed suppression.

Can be sown in the Summer/Early Autumn after harvest or Spring after a winter fallow.

- Low Cost
- Ground cover throughout winter
- Good weed suppression
- Fast Establishment

**85% Forage Rye**  
**15% Mustard**

**Sow at 30-40 kg/ha**



## COVER TILL N

This mix is ideal for providing cover throughout the winter. Forage rye establishes quickly with a prostrate growth habit making it excellent for smothering weeds. Rye is also an excellent scavenger of nitrogen capturing nitrogen fixed by the Vetch. Vetch has a prolonged growing season fixing nitrogen at lower temperatures over a long period.

Can be sown in the Summer/Early Autumn after harvest or Spring after a winter fallow.

Maintains a true break from Brassicas.

- Good suppression
- Fixes and Captures Nitrogen
- Low Cost
- Covers ground through winter

**80% Forage Rye**  
**20% Vetch**

**Sow at 35-45 kg/ha**



## HYDRO TILL

This mixture of white and brown mustard is a very a cost-effective option providing excellent ground cover and different rooting depths. Establishing very quickly, it can be used to improve soil structure and remove excess moisture over a short period. When incorporated this mix gives very good fumigation effects.

Can be sown in the Summer/Early Autumn after harvest or Spring after a winter fallow.

- Deep, fibrous roots
- Good weed suppression
- Catches Nitrogen
- Low cost

**70% White Mustard**  
**30% Brown Mustard**

**Sow at 12.5 kg/ha**



**White Mustard**   **Brown Mustard**

Key Attribute	Bio Till N	Bio Till +	Bio Till	Profile Till	Deep Till	Cover Till N	Cover Till	Hydro Till
Secondary Attribute								
Nitrogen Fixing								
Nutrient Capture								
Soil Conditioning								
Soil Structure								
Over Winter								
Water Uptake								
Weed Suppression								

We can also offer straights as well as the opportunity to compose your own mixture from the species listed - others on request:

Berseem Clover  
Black Oats  
Borage  
Brown Mustard  
Buckwheat

Crimson Clover  
Fodder Radish  
Italian Ryegrass  
Linseed  
Lucerne

Oil Radish  
Phacelia  
Red Clover  
Rye  
Tillage Radish

Vetch  
Westerwolds  
White Mustard  
Winter Vetch

### Black Oats

- Rapid establishment
- Extensive soil conditioning
- Excellent nutrient uptake
- High biomass/organic matter
- True cereal break

### Phacelia

- Rapid growth
- Intense soil conditioning
- Excellent ground cover
- High P-Mg uptake
- Attractive to beneficial insects
- True break from all other crop species

### Vetch

- Quick to establish
- Nitrogen fixing at lower temperature
- Deep rooting
- High biomass

### Mustard

- Very rapid establishment
- Excellent ground cover
- Soil conditioning

### Deep Till Radish

- Rapid establishment
- Large aggressive tap root
- Nutrient scavenging from depth
- Reduces deep compaction

For any further information regarding cover crops, please get in touch with the seed office on **01476 862639** or email **seeds@openfield.co.uk**

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