



Soil nutrient, seed and silage products for organic farming systems 2024



for
farmers

Wholecrop options

Wholecrop offers an alternative or additional feed to grass or maize silage, particularly in situations where it may be difficult to achieve ideal sowing conditions in the spring. It can provide a cost effective, high quality forage of consistent quality and palatability, with high yields of dry matter even in dry seasons and cold weather.

Dry Matter	35-40%
Crude Protein	9-11%
D value	62.5-69%
Starch	15-25%

Wholecrop mixtures can combine wheat, barley, oats or triticale with a legume crop such as peas or lupins. The cereal crop provides the energy in the form of starch and the legume provides protein.

Lucerne

Lucerne is a deep rooted, drought tolerant high protein forage crop.

It has a potential for three to five years production with up to four cuts per year.

The crop can be clamped, big baled or made into hay. Lucerne will provide nitrogen for the subsequent crop. It can be dried and pelleted.

Average dry matter yields	8-10t/ha
Average fresh yields	37-50t/ha
Dry matter	28-32%
Crude Protein	14-15%
D value	62-64%

Forage Rye

Forage rye is suitable for early turnout (reducing overwintering costs) for cows and good for winter sheep keep. It provides a flexible sowing option after maize or cereals and can be zero grazed or big baled. It is good for helping to mop up residual nitrogen and prevents soil erosion.

Average dry matter yields	5-6t/ha
Average fresh yields	20-24t/ha
Dry matter	25%
Crude Protein	11-12%
D value	67%

Root forage crops

Forage root crops provide a cost effective way of supplementing livestock rations during times when grass may be scarce, dry spells in summers and the cold winter months. They can supply substantial quantities of palatable material at relatively low production costs, balancing the amount of bought in feed required.

	Sowing period	Utilisation	Dry matter yield t/ha	Fresh yield t/ha	Dry matter content %	Crude protein %	Met energy MJ/kg DM
Fodder beet	Mar - Apr	Oct - Mar	13 - 15	80 - 100	12 - 19	12 - 13	12.5 - 13.5
Forage rape	May - Aug	Jul - Dec	3.5 - 4	24 - 35	11 - 12	19 - 20	10 - 11
Kale	Apr - Jun	Aug - Mar	8 - 10	60 - 70	14 - 16	16 - 17	10 - 11
Stubble turnips	Apr - Sep	Jun - Dec	3.5 - 5	38 - 45	8 - 9	17 - 18	11
Main crop turnips	May - Jul	Oct - Jan	5.5 - 6	50 - 60	9 - 10	17 - 18	10 - 11
Swedes	Apr - Sep	Aug - Mar	7 - 10	70 - 80	10 - 13	10 - 11	12.8 - 13.1
Hybrid brassica	Apr - Sep	Aug - Jan	5.5 - 6.5	30 - 35	12 - 15	18 - 19	10 - 11
Rapid root	Apr - Sep	Jul - Dec					
Winter graze	Jul - Sep	Oct - Feb					

Grass seed

ACTIVATE SHORT TERM - 70% ORGANIC (3 YEARS)

35%	PERSEUS	Italian Ryegrass Plus™ Organic	Heading date 25 May**
35%	HUNTER	Tetraploid Italian Ryegrass Organic	Heading date 20 May**
10%	ASTONCRUSADER	Tetraploid Hybrid Ryegrass	Heading date 21 May**
20%		Red Clover Blend	

Sowing Rate 13-15kg/acre (32-37kg/ha)

- Shorter term Red Clover cutting mixture with high levels of protein and nitrogen fixation
- High dry matter yields with high levels of digestibility
- All Tetraploid Ryegrass ley for high sugar levels aiding silage fermentation
- Includes 40% Perseus Italian Ryegrass Plus for persistency, yields, quality and stress tolerances
- Open growth habit allows clover to thrive
- High inclusion rate of Red Clover
- Aftermath grazing potential
- Heading date 20th - 25th May
Average heading date 22nd May
Optimal cutting date 12th - 17th May

ACHIEVE MEDIUM TERM - 70% ORGANIC (3 - 4 YEARS)

10%	TETRAGRAZE	Tetraploid Hybrid Ryegrass Organic	Heading date 22 May**
20%	AGASKA	Diploid Intermediate Perennial Ryegrass Organic	Heading date 29 May**
12%	CONVEY	Tetraploid Intermediate Perennial Ryegrass Organic	Heading date 30 May**
12%	SWAN	Diploid Late Perennial Ryegrass	Heading date 6 June**
8%	TODDINGTON	Diploid Late Perennial Ryegrass Organic	Heading date 1 June**
20%	NASHOTA	Tetraploid Late Perennial Ryegrass Organic	Heading date 4 June**
8%	COMER	Timothy	
10%		Dual Purpose White Clover Blend	

Sowing Rate 13-15kg/acre (32-37kg/ha)

- Medium term dual purpose mixture that can be cut or grazed
- Optimum production throughout growing season
- High Clover content improves sward quality and nitrogen fixation
- Timothy included for early spring growth and late autumn grazing
- Selected perennials to ensure hard wearing productive sward
- Heading date 22nd May - 5th June
Average heading date 29th May
Optimal cutting date 19th - 24th May

**Heading dates are based on figures for central England and should be adjusted for local conditions

Check with your organic certification officer with regards to sowing 70% organic mixes as you must obtain approval prior to sowing

ADVANCE LONG TERM - 70% ORGANIC (5+ YEARS)

28%	AGASKA	Diploid Intermediate Perennial Ryegrass Organic	Heading date 29 May**
17%	TODDINGTON	Diploid Late Perennial Ryegrass Organic	Heading date 1 June**
15%	NASHOTA	Tetraploid Late Perennial Ryegrass Organic	Heading date 4 June**
10%	FOJTAN	Fescue Plus Organic	Heading date 18 May**
13%	BOWIE	Diploid Late Perennial Ryegrass	Heading date 16 June**
7%	COMER	Timothy	
10%		White Clover Blend	

Sowing Rate 13-15kg/acre (32-37kg/ha)

- Flexible long term intensive grazing mixture
- Clover fixes nitrogen and improves protein and digestibility
- Timothy improves winter hardiness and persistence
- Specific grazing clovers will allow a less intensive management regime
- Selected perennials maximise sward density and production
- Heading date 18th May - 16th June
Average heading date 2nd June

ACCELERATE LEY BOOSTER - 70% ORGANIC

20%	TETRAGRAZE	Tetraploid Hybrid Ryegrass Organic	Heading date 21 May**
35%	DIWAN	Tetraploid Intermediate Perennial Ryegrass Organic	Heading date 30 May**
15%	NASHOTA	Tetraploid Late Perennial Ryegrass Organic	Heading date 4 June**
20%	THEGN	Tetraploid Late Perennial Ryegrass	Heading date 6 June**
10%		White Clover Blend	

Sowing Rate 10kg/acre (25kg/ha)

- Suitable for overseeding after cutting or hard grazing in spring or autumn
- Tops up sward by preventing weed grass ingress
- Improves sward quality
- Available without clover
- Heading date 19th May - 6th June

**Heading dates are based on figures for central England and should be adjusted for local conditions

Check with your organic certification officer with regards to sowing 70% organic mixes as you must obtain approval prior to sowing



Soil nutrient products

TERRAFED™ Liquid Carbon-based Fertiliser

**Nitrogen (N) 0.5 %, Phosphorus (P) 0.0 %, Potassium (K) 1.7 %
Potassium Oxide soluble in water 2.0 %**

Terrafed™ is a combination of complex carbon sources and balanced crop nutrients which supplies readily available carbon as sucrose, to feed soil biology and enhance plant nutrient availability.

Readily-available carbon is the most critical nutrient for the growth and health of soil microbe populations which directly supports healthy and productive soils.

Terrafed™ enhances fertiliser performance resulting in an average 9% increase in yield as demonstrated in UK trials, providing more than a 10:1 return on investment.

The liquid carbon based soil nutrients supplied by Terrafed™ have been certified for use on organic farms by the Soil Association and can be applied to maize, cereals, potatoes, grassland, lucerne/alfalfa, vegetables, fruit/herbs.

Typical application rates are 10-50l/ha; with specific application rates based on crop and soil type. For information regarding specific application rates, application methods, and mixing and handling instructions, consult with your ForFarmers Forage Specialist.

Terrafed™ is delivered in IBC or bulk delivery to farm plastic storage tanks.

Phosphate range

All the benefits of Phosmin with Sulphate of Potash added to suit requirements.

Product	N	P	K	SO ₃	CaO
Phosmin (ORG)	1	27	0	5	44
Natural 2* (Granular)	0	18	17	15	29
Natural 3* (Granular)	0	13	26	25	21

*These grades are Soil Association approved but are restricted and therefore require derogation.

Phosmin (ORG) is **fully** approved and unrestricted.

Silage products

GRASS

INOCULANT		INOCULANT + ENZYME
FERMENTATION + PERFORMANCE	FERMENTATION + PERFORMANCE + AEROBIC STABILITY	FERMENTATION + PERFORMANCE + AEROBIC STABILITY
ECOSYL 100 Organic L.Plantarum Pack = 100tt Apply 20mls to 2L/t	ECO COOL Organic Ecosyl + L.Buchneri Pack = 100tt Apply 20mls to 2L/t PIONEER 11G22 RAPID REACT Organic Multistrain + L.Buchneri Pack = 50/250tt Apply 10mls to 3L/t	SIL-ALL 4X4 PLUS 4 Strains + 4 Enzymes Pack = 50tt Apply 50mls to 2L/t

WHOLECROP

INOCULANT	INOCULANT + ENZYME
FERMENTATION + PERFORMANCE + AEROBIC STABILITY	FERMENTATION + PERFORMANCE + AEROBIC STABILITY
ECO COOL Organic Ecosyl + L.Buchneri Pack = 100tt Apply 20mls to 2L/t PIONEER 11G22 RAPID REACT Organic Multistrain + L.Buchneri Pack = 50/250tt Apply 10mls to 3L/t	SIL-ALL 4X4 PLUS 4 Strains + 4 Enzymes Pack = 50tt Apply 50mls to 2L/t

MAIZE

INOCULANT	INOCULANT + ENZYME
FERMENTATION + PERFORMANCE + AEROBIC STABILITY	FERMENTATION + PERFORMANCE + AEROBIC STABILITY
ECO COOL Organic EEcosyl + L.Buchneri Pack = 100tt Apply 20mls to 2L/t	SIL-ALL MAIZE PLUS Multistrain + Enzymes Pack = 100tt Apply 50mls to 2L/t

LEGUME

INOCULANT		INOCULANT + ENZYME
FERMENTATION + PERFORMANCE	FERMENTATION + PERFORMANCE + AEROBIC STABILITY	FERMENTATION + PERFORMANCE + AEROBIC STABILITY
Ecosyl 100 Organic L.Plantarum Pack = 100tt Apply 20mls to 2L/t	ECO COOL Organic Ecosyl + L.Buchneri Pack = 100tt Apply 20mls to 2L/t	SIL-ALL 4x4 PLUS 4 Strains + 4 Enzymes Pack = 50tt Apply 50mls to 2L/t

SLURRY PRODUCTS

Microzyme or ManurePro used on slurry lagoon, tank or underfloor systems provides:

- Reduced odour
- Retained nutrients, with nitrogen losses reduced by up to 50%
- Less crusting, providing efficient handling with reduced stirring and pump replacement

ManurePro used on straw yards has been shown to reduce the number of pathogens providing a more hygienic environment and benefits such as reduced somatic cell count.

Before purchasing any silage inoculant please check with your organic officer with regards to approval to use.

Information correct at time of print.

For further information on growing forage crops please contact your local ForFarmers Account Manager or call the customer service team on:

0330 678 1200 info.forage@forfarmers.eu
www.forfarmers.co.uk