



Cope
Seeds & Grain

Organic
Grass Seed



www.copeseeds.co.uk

AGRICULTURAL GRASS SEED MIXTURES

ORGANIC VETCH EXPRESS (70% ORGANIC)

6.0 kg	ORGANIC DANERGO, Tetraploid Italian Ryegrass
3.0 kg	LIGRANDE, Diploid Italian Ryegrass
2.0 kg	MILVUS/HERMIONE, Broad Red Clover
1.0 kg	Crimson Clover
8.0 kg	ORGANIC Vetch
20.0 kilos per acre	

A 1 year mixture designed to produce large amounts of forage in a relatively short space of time. Although formulated to provide one big cut, there will be some regrowth from this mixture for a second smaller cut or aftermath grazing and with the high legume content (vetch, crimson and red clover) this mixture will also act as an excellent soil improver, releasing large amounts of nitrogen into the soil when ploughed in.



ORGANIC 1-2 YEAR LEY (70% ORGANIC)

3.1 kg	ORGANIC SHAKIRA, Diploid Italian Ryegrass
0.9 kg	LIGRANDE/LIMETA, Diploid Italian Ryegrass
6.0 kg	ORGANIC DANERGO, Tetraploid Italian Ryegrass
3.0 kg	MILVUS/HERMIONE, Broad Red Clover
13.0 kilos per acre	

A grass mixture formulated to provide large cuts of protein rich hay or silage. It can also be grazed if required and is ideal for lamb fattening. When ploughed up, the Red Clover will leave good quantities of residual nitrogen in the soil for the following crop.

ORGANIC SOIL IMPROVER/FERTILITY BUILDER (70% ORGANIC)

3.5 kg	ORGANIC CALIBRA, Tetraploid Intermediate Perennial Ryegrass
0.5 kg	ASTON ENERGY, Tetraploid Intermediate Perennial Ryegrass
3.5 kg	ORGANIC POLIM, Tetraploid Late Perennial Ryegrass
2.0 kg	MILVUS/HERMIONE, Broad Red Clover
0.5 kg	BARBLANCA, Large Leafed White Clover
10.0 kilos per acre	

A 1-2 year mixture formulated to add fertility and structure to the soil. Quick to grow, this mixture should also act as a natural weed suppressant. Ideally, this mixture should be topped regularly during the growing period of the ley and when ploughed in will release large amounts of nitrogen into the soil to be utilized by the following crop.



ORGANIC 3-4 YEAR WHITE CLOVER LEY (70% ORGANIC)

3.5 kg	ORGANIC SOLID, Tetraploid Hybrid Ryegrass
2.5 kg	ASTON ENERGY, Tetraploid Intermediate Perennial Ryegrass
3.5 kg	ORGANIC PREMIUM, Diploid Int. Perennial Ryegrass
2.5 kg	ORGANIC ROMARK, Diploid Late Perennial Ryegrass
0.5 kg	BARBLANCA, Large Leafed White Clover
0.5 kg	AVOCA, Medium Leafed White Clover
0.5 kg	RIVENDEL, Medium Small Leafed White Clover
13.5 kilos per acre	

Ideal both for cutting and grazing, this mixture will produce a clover rich sward, full of protein and trace elements. The white clover will fix good quantities of atmospheric nitrogen which it will release into the soil for the grass to utilise. This ley will be more persistent than the shorter term mixtures.

ORGANIC 3-4 YEAR LEY – RED CLOVER LEY (70% ORGANIC)

2.5 kg	ORGANIC DANERGO, Tetraploid Italian Ryegrass
4.0 kg	ORGANIC SOLID, Tetraploid Hybrid Ryegrass
2.6 kg	ORGANIC PREMIUM, Diploid Int. Perennial Ryegrass
0.9 kg	ABERDART, Diploid Intermediate Perennial Ryegrass
3.0 kg	MILVUS/HERMIONE, Broad Red Clover
13.0 kilos per acre	

A 3-4 year mixture formulated mainly for cutting although it can be aftermath grazed if required. This will provide high yields of protein rich hay or silage. Red Clover is relatively easy to establish and is higher yielding than white clover. Care should be taken when grazing high Red Clover swards as the high oestrogen levels in Red Clover can affect the fertility of ewes if grazed by them.



ORGANIC 5-7 YEAR LEY (70% ORGANIC)

2.5 kg	ABERDART, Diploid Intermediate Perennial Ryegrass
1.5 kg	ORGANIC PREMIUM, Diploid Intermediate Perennial Ryegrass
2.0 kg	ORGANIC MAGICIAN, Tetraploid Intermediate Perennial Ryegrass
4.0 kg	ORGANIC FOXTROT, Diploid Late Perennial Ryegrass
2.0 kg	ORGANIC POLIM, Tetraploid Late Perennial Ryegrass
0.4 kg	BARBLANCA, Large Leafed White Clover
0.6 kg	AVOCA, Medium Leafed White Clover
0.5 kg	RIVENDEL, Medium Small Leafed White Clover
13.5 kilos per acre	

A flexible 5-7 year ley that can, not only be cut for hay or silage, but equally will provide high quality grazing for cattle or sheep. The good proportion of White Clover will both fix atmospheric nitrogen to supply the companion grass but will also add protein and trace elements to the animal's diet.

ORGANIC PERMANENT PASTURE (70% ORGANIC)

0.5 kg	ABERDART, Diploid Intermediate Perennial Ryegrass
3.0 kg	ORGANIC PREMIUM, Diploid Intermediate Perennial Ryegrass
2.0 kg	ORGANIC CALIBRA, Tetraploid Intermediate Perennial Ryegrass
3.0 kg	ORGANIC ROMARK, Diploid Late Perennial Ryegrass
2.5 kg	ORGANIC FOXTROT, Diploid Late Perennial Ryegrass
1.5 kg	PROMESSE/DOLINA, Timothy
1.0 kg	SENU PAJBJERG, Meadow Fescue
0.3 kg	BARBLANCA, Large Leafed White Clover
0.6 kg	AVOCA, Medium Leafed White Clover
0.6 kg	RIVENDEL, Medium Small Leafed White Clover
15.0 kilos per acre	

A permanent pasture mixture, using a selection of grass varieties with a good spread of heading dates. This should provide excellent, season long grazing. The mixture can also be cut for hay or silage if required. The Timothy is included to add to the palatability of the sward whilst Meadow Fescue is not only winter hardy but is more productive than Perennial Ryegrass in mid summer. A balanced selection of clover varieties are included to add extra protein to the sward whilst also providing a good source of nitrogen.

ORGANIC COCKLE PARK (70% ORGANIC)

2.50 kg	ORGANIC PREMIUM, Diploid Intermediate Perennial Ryegrass
2.75 kg	ORGANIC ORION, Tetraploid Intermediate Perennial Ryegrass
3.00 kg	ORGANIC ROMARK, Diploid Late Perennial Ryegrass
2.25 kg	ORGANIC FOXTROT, Diploid Late Perennial Ryegrass
0.75 kg	PROMESSE/DOLINA, Timothy
1.00 kg	SENU PAJBJERG, Meadow Fescue
1.25 kg	SPARTA, Cocksfoot
0.35 kg	ALICE, Large Leafed White Clover
0.55 kg	CRUSADER, Medium Leafed White Clover
0.60 kg	RIVENDEL, Small Leafed White Clover
15.0 kilos per acre	

Formulated for upland use or in areas of lower fertility, the Cackle Park mixture not only contains a good selection of Perennial Ryegrass varieties but also quantities of Timothy, Meadow Fescue and Cocksfoot which have shown to be better suited to less than ideal conditions or soil types and tend to have a lower nutrient requirement. With the high rate of white clover, once established, a ready source of nitrogen is provided for the companion grasses.

ORGANIC OVERSEEDER (70% ORGANIC)

2.5 kg	ORGANIC DANERGO, Tetraploid Italian Ryegrass
2.3 kg	ORGANIC SOLID, Tetraploid Hybrid Ryegrass
2.9 kg	ORGANIC CALIBRA, Tetraploid Intermediate Perennial Ryegrass
2.3 kg	ASTON ENERGY, Tetraploid Intermediate Perennial Ryegrass
1.0 kg	BARBLANCA, Large Leafed White Clover
15.0 kilos per acre	

Ideal for overseeding either damaged pastures or ones that are showing signs of wear, this mixture can be direct drilled into the existing sward or can be broadcast. If broadcast, ideally the sward should have just been cut or grazed. A passing of a chain harrow will open up the sward and then after broadcasting the seed, a roller (preferably a ring roller) should be used which not only presses the seed into the soil but also re-firms up the surface creating a better environment for the seed to germinate into.

SPECIAL MIXTURES

We are only too happy to quote for any mixture of your own formulation, please telephone **Simon on 01529 421081** or email **simon@copeseeds.co.uk** for price and availability. Non-organic mixtures are also available from Cope Seeds.

SUBSTITUTIONS

Although Cope Seeds stock an extensive range of grass seed varieties, there may from time to time be a situation where the variety listed in this brochure is not available. Cope Seeds reserve the right to substitute any unavailable variety with a suitable alternative.

ARABLE SILAGE MIXTURES

Arable Silage mixtures can provide valuable amounts of high protein forage for livestock farmers as well as leaving residual nitrogen for following crops. The crop, once ensiled can provide excellent winter feed rations for dairy, beef and sheep.

Arable Silage can produce excellent yields from a short growing period of approximately 13 -16 weeks with the silage combining high intake potential that can be used as part of a mixed forage diet. The pea content of these mixtures can also help increase the protein content.

Arable silage mixtures can be under sown with a new grass ley to further maximise land use. Arable Silage Mixtures are sown late March to Mid April with a seeding rate of 75 - 85 kilos per acre if sown on their own or 50-60 kilos per acre if undersown with a grass crop. The resultant crop can be baled or clamped and should produce around 12-15 tonnes fresh weight per acre with a typical analysis of:-
Dry matter 30- 40%
ME 9- 11MJ/kg
Crude Protein 9- 11%

Cope Seeds offer 3 standard mixtures which normally available for immediate dispatch:-

MIXTURE CSO1 (70% ORGANIC)

60%	ORGANIC RGT Conquest, Spring Barley
10%	ORGANIC MAGNUS, Spring Peas
30%	PROPHET, Spring Peas
100%	

Our most popular Organic Arable Silage mixture, CSO1 produces a good balance of yield, starch and protein together with the ability to be undersown with a grass mixture.

Suggested sowing rate - 75 kilos per acre (185 kilos per hectare) if sown alone or 50 kilos per acre (125 kilos per hectare) if undersown with a grass mixture.

MIXTURE CSO2 (70% ORGANIC)

20%	ORGANIC RGT CONQUEST, Spring Barley
30%	ORGANIC MAGNUS, Spring Peas
30%	PROPHET, Spring Peas
100%	

This mixture will be slightly lower yielding than CSO1 but with a higher protein content.

Suggested sowing rate 80-85 kilos per acre (200 - 210 kilos per hectare) if sown alone or 60-65 kilos per acre (150-160 kilos per hectare) if undersown.

MIXTURE CSO3 (70% ORGANIC)

35%	ORGANIC RGT CONQUEST, Spring Barley
35%	ORGANIC ROZMAR, Spring Oats
30%	PROPHET, Spring Peas
100%	



A traditional Arable Silage mixture, including Oats as well as Barley and Peas. Oats can do better than Barley in less favourable conditions or areas of higher rainfall.

Suggested sowing rate - 75 kilos per acre (185 kilos per hectare) if sown alone or 50 kilos per acre (125 kilos per hectare) if undersown with a grass mixture.

VARIETIES USED IN COPE SEEDS' ARABLE SILAGE MIXTURES

■ RGT CONQUEST, Spring Barley

Exclusive to Cope Seeds, a new feed variety with the same sort of height, grain quality and standing power as Westminster (80cm) but with untreated yields 7% higher. RGT Conquest has excellent all round disease resistance, especially against mildew.

■ ROZMAR, Spring Oat

Rozmar has shown over the last couple of years to be an excellent variety for use in Arable Silage. Early to mature with good yields and excellent disease resistance, especially to Crown Rust help Rozmar to produce good amounts of clean disease free forage.

■ MAGNUS, Forage Pea

Magnus is a specialist forage pea variety, semi leafless variety that ensures the crop is self supporting reducing the damaging effect of lodging

■ PROPHET, Spring Pea

Still the most popular field pea variety around, Prophet is a high yielding, large blue with an excellent track record. Prophet has good standing ability together with excellent downy mildew resistance.

SPECIAL MIXTURES

Although we have the above mixtures readily available, we are more than happy to quote for any special arable silage mixture that you would like to plant. Mixtures CSO1 and CSO2 for instance can also be mixed to order using oats rather than barley if required. Vetches are also available for inclusion if required. Non-Organic mixtures are also available on request.

Please contact Simon on **01529 421081** or simon@copeseeds.co.uk for price and availability



ROOTS AND FORAGE CROPS

We are able to offer a full range of untreated non-organic seeds of Kale, Forage Rape, Rape x Kale Hybrid, Fodder Radish, Swede, Maincrop Turnip and Fodder Beet (derogation required) as well as Organic Mustard and Stubble Turnip.

MAIZE

Please enquire regarding organic Forage Maize

ORGANIC ENVIRONMENTAL MIXTURES

BUFFER STRIP MIXTURE (70% ORGANIC)

25%	ORGANIC Meadow Fescue
20%	ORGANIC Cocksfoot
25%	ORGANIC Timothy
30%	Red Fescue
100%	

Suggested sowing rate 20 kilos per hectare - Packed in 20 kilo packs

ORGANIC NECTAR FLOWER MIXTURE (70% ORGANIC)

32.5%	ORGANIC Early English Vetch
27.5%	ORGANIC Lucerne (Pre-inoculated)
18.0%	Sainfoin
10.0%	ORGANIC Red Clover
6.0%	Birdsfoot Trefoil
6.0%	Alsike Clover
100%	

Suggested sowing rate 10-15 kilos per hectare - Packed in 10 kilo packs

ORGANIC 1-2 YEAR WILD BIRD COVER (70% ORGANIC)

70.0%	Organic Spring Wheat/Barley
10.0%	Spring Triticale
7.0%	Kale
4.0%	Fodder Radish
4.0%	White Millet
3.0%	Quinoa
2.0%	Red Millet
100%	

Suggested sowing rate 40 kilos per hectare - Packed in 20 kilo packs

BUFFER STRIP MIXTURE - NO COCKSFOOT (70% ORGANIC)

35%	ORGANIC Meadow Fescue
35%	ORGANIC Timothy
15%	Red Fescue
15%	Hard Fescue
100%	

Suggested sowing rate 20 kilos per hectare - Packed in 20 kilo packs

ORGANIC 1 YEAR WILD BIRD COVER (70% ORGANIC)

70.0%	ORGANIC Spring Wheat/Barley
20.0%	Spring Triticale
5.0%	White Millet
2.0%	Red Millet
2.0%	White Mustard
1.0%	Fodder Radish
100%	

Suggested sowing rate 40 kilos per hectare - Packed in 20 kilo packs

If you have any specific requirements for the Stewardship scheme that you are in, please contact Simon Travers to discuss your needs

All images used throughout this publication are for illustration purposes only.



Cope

Seeds & Grain



Cope Seeds & Grain Ltd

Helpingham Road
Scredington
Sleaford
Lincolnshire
United Kingdom
NG34 0BW



+44(0)1529 421081



info@copeseeds.co.uk



www.copeseeds.co.uk



@copeseeds