

# MAGNUM – Red and White Clover Silage Ley

## MIXTURE



Label No: C7497887

Seed Mixture of/for Agriculture

Ref No: 18/12311/1280

Weight: 13.50 Kg per Acre

List of Species and Varieties:

### MAGNUM 5 YEAR + LEY

#### VARIETIES

#### KILOS

<b>ABEREVE</b> Hybrid Tetraploid Ryegrass	2.00
<b>ABERZEUS</b> Diploid Intermediate Perennial Ryegrass	2.00
<b>ABERMAGIC</b> Diploid Intermediate Perennial Ryegrass	3.00
<b>ABERGAIN</b> Tetraploid Late Perennial Ryegrass	2.50
<b>ABERCLARET</b> Red Clover	3.00
<b>ARAN</b> White Clover	1.00



**MAGNUM** is a mixture of grass varieties with red / white clovers.

**MAGNUM** gives outstanding quality forage yields with **very high protein content**.

It is formulated to produce *four to five* cuts of silage per year and to persist for a **full five years**, with the correct sward and soil management.

Check out the varieties in **MAGNUM** by looking in the **BSPB** leaflet (see page 3).

Look for all the information available on each variety;

- **Heading date**
- **Total yield grazing with midsummer D-values**
- **Total yield conservation with 2nd cut D-values**
- **Ground cover and overall disease resistance**

On appraisal of varieties incorporated in **MAGNUM** you will see that Western Seeds has produced an outstanding forage mixture, utilising the very best herbage varieties available in the U.K. with **HVS**, the **seed quality guarantee**, on every bag green label.



**HVS**=Higher Voluntary Standard. It is the mark of the best quality seed. All seed in the mixture must be at **HVS** standard to achieve the **HVS** label on the bag.

## MELIOR – White Clover Silage Ley



### MIXTURE



Label No: C7497888

Seed Mixture of/for Agriculture

Ref No: 18/12327/1280

Weight: 13.50 Kg per Acre

List of Species and Varieties:

### MELIOR 5 YEAR + LEY

#### VARIETIES

#### KILOS

**ABEREVE** Hybrid Tetraploid Ryegrass

2.00

**ABERZEUS** Diploid Intermediate Perennial Ryegrass

3.00

**ABERMAGIC** Diploid Intermediate Perennial Ryegrass

3.00

**ABERGREEN** Diploid Intermediate Perennial Ryegrass

2.00

**ABERGAIN** Tetraploid Late Perennial Ryegrass

2.50

**ARAN** White Clover

1.00

**MELIOR** is a versatile and hard-working mixture of grass and white clovers.

**MELIOR** is formulated to produce *four*, **high D-value** cuts of **silage** but can also be **grazed**, especially if an early-bite is required.

**MELIOR** white clover and **MAGNUM** red clover ley (page 4), each utilise the same grass varieties, purposed to enable both red and white clover mixtures to be cut and harvested **at the same time**.

Growing **MELIOR** white clover ley in rotation with **MAGNUM** red clover ley helps to eliminate the **risk of red clover eelworm** becoming problematic, when grown continually in the same field.

You can evaluate the varieties used in **MELIOR** by looking in the **BSPB** leaflet (see page 3).

From your research you will appreciate the quality built into the **MELIOR** white clover ley, with the added **HVS seed quality guarantee**, on the mixture bag green label.



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## BONUS – Dual Purpose Ley

### MIXTURE



Label No: C7497889

Seed Mixture of/for Agriculture

Ref No: 18/12357/1280

Weight: 13.00 Kg per Acre

List of Species and Varieties:

### BONUS LONG TERM LEY

#### VARIETIES

#### KILOS

<b>ABERZEUS</b> Diploid Intermediate Perennial Ryegrass	4.00
<b>ABERGREEN</b> Diploid Intermediate Perennial Ryegrass	3.50
<b>ABERAVON</b> Diploid Late Perennial Ryegrass	2.00
<b>ABERGAIN</b> Tetraploid Late Perennial Ryegrass	2.00
<b>PRESTO</b> Timothy	0.50
<b>ABERHERALD</b> White Clover	0.50
<b>ABERDAI</b> White Clover	0.50



A **BONUS** grass seed mixture has been sown in South West Wales for over 40 years.

The varieties in **BONUS** have obviously changed over the four decades but the same inbuilt quality, variety balance and target area for use, have remained the same.

**BONUS** is an outstanding, long-term, silage / grazing ley, yielding high quality forage with **persistence** built in.

It will be **very rewarding for your farm business**, to look into the **BSPB** leaflet, (see page 3), and review the varieties on the menu ticket, for **BONUS** 2018.

We are confident your research from independent results will more than confirm why the 2018 production of **BONUS** with its inclusion of the very latest, **Aber High D, High Sugar** perennial ryegrasses, is **one of the best ever!**

**Perennial favourite – BONUS is a bonus**



**HVS**=Higher Voluntary Standard. It is the mark of the best quality seed. All seed in the mixture must be at **HVS** standard to achieve the **HVS** label on the bag.

## FORTIS – Long Term Grazing Ley



### MIXTURE



Label No: C7497890

Seed Mixture of/for Agriculture

Ref No: 18/12363/1280

Weight: 13.00 Kg per Acre

List of Species and Varieties:

### FORTIS LONG TERM LEY

#### VARIETIES

#### KILOS

**ABERGREEN** Diploid Intermediate Perennial Ryegrass

4.00

**ABERAVON** Diploid Late Perennial Ryegrass

4.00

**ABERGAIN** Tetraploid Late Perennial Ryegrass

4.00

**ABERHERALD** White Clover

0.50

**ABERDAI** White Clover

0.50

**FORTIS** as with **BONUS**, has a very long pedigree in South West Wales.

From the beginning, **FORTIS** was specifically formulated to be utilised as a **long term grazing ley** for all stock (cows, cattle, and sheep).

**That is its raison d'être.**

The overall formulation effort is to produce a thick, dense sward using recommended perennial ryegrasses which produce grass of high quality (**High D value, High Sugar**), with **outstanding persistency**.

As with all Western Seeds herbage mixtures we would like you to explore the independent **BSPB** grass variety leaflet (see page 3). We are confident that you will be impressed with the variety choices we have made, for the **2018 FORTIS** herbage mixture.

The positive milk yield response by dairy cows, when grazing **FORTIS** always gives our farmer customers smiles of satisfaction. 😊

**Watch the milk yield go up when you open the gate to FORTIS**



**HVS**=Higher Voluntary Standard. It is the mark of the best quality seed. All seed in the mixture must be at **HVS** standard to achieve the **HVS** label on the bag.

# BRAVO – Early Spring Grazing Ley

## MIXTURE



Label No: C7497891

Seed Mixture of/for Agriculture

Ref No: 18/12375/1280

Weight: 13.00 Kg per Acre

List of Species and Varieties:

### BRAVO LONG TERM LEY

#### VARIETIES

#### KILOS

<b>ABEREVE</b> Hybrid Tetraploid Ryegrass	3.00
<b>ABERGREEN</b> Diploid Intermediate Perennial Ryegrass	3.00
<b>ABERDART</b> Diploid Intermediate Perennial Ryegrass	3.00
<b>ABERZEUS</b> Diploid Intermediate Perennial Ryegrass	3.00
<b>ABERDAI</b> White Clover	0.50
<b>ABERHERALD</b> White Clover	0.50



**BRAVO** is formulated as a **grazing ley** (similar to **FORTIS**), but with the capacity to grow earlier in the Spring.

An early-bite for lactating ewes or an early start to the grazing area for dairy cows can be a **profitable boost** in the Spring, followed by a thick, dense sward for the rest of the grazing season.

Due to **BRAVO's** early growth, choose free draining fields to avoid poaching by cattle in Spring.

Only the best proven grasses are used in Western Seeds' leys;

- **All are High Sugar varieties**
- **All have High forage Digestibility - D value.**
- **All have excellent persistency - very important**

Study the independent herbage **BSPB** grass variety leaflet (see page 3), and you will appreciate why we utilise the specific varieties chosen for **BRAVO**.

**Bravo!**



**HVS**=Higher Voluntary Standard. It is the mark of the best quality seed. All seed in the mixture must be at **HVS** standard to achieve the **HVS** label on the bag.

## OPTIMA – Silage Ley



### MIXTURE



Label No: C7497892

Seed Mixture of/for Agriculture

Ref No: 18/12335/1280

Weight: 13.00 Kg per Acre

List of Species and Varieties:

### OPTIMA LONG TERM LEY

#### VARIETIES

#### KILOS

**ABERZEUS** Diploid Intermediate Perennial Ryegrass

3.50

**ABERGREEN** Diploid Intermediate Perennial Ryegrass

3.00

**ABERGAIN** Tetraploid Late Perennial Ryegrass

3.50

**ABERAVON** Diploid Late Perennial Ryegrass

3.00

As stock farms (especially dairy), have become more intensive and specialised there has been a particular requirement for a long-term, quality silage ley.

**OPTIMA** first formulated over 25 years ago, has proven to be the solution; yielding **three to four quality** cuts a season, it can be supplied **with or without clover – your choice**.

**Quality** silage can have a **powerful effect** on the overall farm income, when fed all-year-round or over the Winter period.

We can boast about the outstanding varieties we use in **OPTIMA** until the cows come home but if you would study the independent **BSPB** grass variety leaflet (see page 3), you will see why we use the specific varieties in **OPTIMA**, for **maximum grass profit and reliability**.



**HVS**=Higher Voluntary Standard. It is the mark of the best quality seed. All seed in the mixture must be at **HVS** standard to achieve the **HVS** label on the bag.

# SALVUS – Rejuvenation Mixture

## MIXTURE



Label No: C7497893

Seed Mixture of/for Agriculture

Ref No: 18/17984/1280

Weight: 15.00 Kg per pack

List of Species and Varieties:

### SALVUS GRASS CLOVER MIXTURE

#### VARIETIES

**ABEREVE** Hybrid Tetraploid Ryegrass

**CALAO** Tetraploid Late Perennial Ryegrass

**ABERDAI** White Clover

#### KILOS

8.50

4.50

2.00



As stock and arable farm businesses expand, fields located further away from the main holding, are often designated as silage areas.

With these fields used only for conservation (and without the benefit of stock grazing), it becomes increasingly difficult to maintain the original sown species in the silage sward, especially in poor climatic conditions.

Again, due to mismanagement and inclement weather, grazing swards can be overgrazed or badly poached, allowing weeds to establish, reducing overall sward potential.

Over time these detrimental effects lessen the quality, productivity and profitability of the silage ley.

**SALVUS**, formulated to respond to the above grass-management situations, **comes to the rescue**.

Quickly established by direct-drilling or broadcasting, **SALVUS** will help to restore and maintain the sward to its full potential.

**SALVUS has proven to be a real sward-saver.**



**HVS**=Higher Voluntary Standard. It is the mark of the best quality seed. All seed in the mixture must be at **HVS** standard to achieve the **HVS** label on the bag.

## PRIMUS – Long Term Grazing Ley



### MIXTURE

Label No: C7497894

Seed Mixture of/for Agriculture

Ref No: 18/41876/1280

Weight: 10.00 Kg per Acre

List of Species and Varieties:

### PRIMUS

#### VARIETIES

**PRESTO** Timothy

**LIHEROLD** Meadow Fescue

**ABERHERALD** White Clover

**ABERDAI** White Clover

#### KILOS

3.00

6.00

0.50

0.50

In the wetter parts of the U.K., there is often at least one problem wet field.

Over the years it may have been reseeded a number of times, but because it is waterlogged over the Winter period, the sown ryegrass tends to be lost, fairly rapidly – only to be replaced by the natural unpalatable weed grasses of the area, bringing you back to square one.

**PRIMUS** has no ryegrass included in the mixture and is composed entirely of timothy and meadow fescue with two clovers.

The timothy and meadow fescue will survive the wet Winter period, ready to respond when soil conditions improve in the Spring.

**PRIMUS** is good for cutting and grazing when soil conditions allow and is excellent for non – ryegrass hay; particularly good for horses.

Need a new ley to survive in very wet soil conditions?

**You can count on PRIMUS to do the job**

# HARMONY – Long Term Herbal Grazing Ley

## MIXTURE

Label No: C7497895

Seed Mixture of/for Agriculture

Ref No: 18/28714/1280

Weight: 10.00 Kg per Acre

List of Species and Varieties:

### HARMONY

#### VARIETIES

	KILOS
<b>BERTA</b> Cocksfoot	1.50
<b>LAURA</b> Meadow fescue	4.00
<b>PRESTO</b> Timothy	2.50
<b>ABERHERALD</b> White Clover	0.50
<b>ABERDAI</b> White Clover	0.50
<b>CHICORY</b> Herb	0.46
<b>BURNETT</b> Herb	0.20
<b>AGRI TONIC</b> Herb	0.20
<b>SHEEPS PARSLEY</b> Herb	0.10
<b>YARROW</b> Herb	0.04



Formulating grass leys is a **precise** science. One size, most definitely, does not fit all.

Farming in low summer rainfall areas (yes these places do exist but not usually in Wales, renowned for copious amount of good, grass growing rain), demands a different approach, when considering herbage leys.

Ryegrass swards will grow well in Autumn-Winter-Spring but with aforementioned herbage growing conditions, the Summer growing period, can sometimes be very challenging. The ryegrass can go dormant; even die out through lack of rain.

**HARMONY** is precisely formulated to help resolve the challenges of this particular environment by utilising grasses / clovers and herbs more adapted to dry climate, soil conditions.

From the green mixture-label above, you will see a precise mixture of cocksfoot, meadow fescue and timothy, blended with clover and selected herbs that will grow **harmoniously** together.

The deep-rooting herbs of **HARMONY** result in substantial improvements of soil structure, while giving a diverse, palatable, herb-rich, long-term ley.

## SELECT Clover Blend

<b>4.00 Kilo</b>	<b>AberHerald</b> White Clover
<b>3.00 Kilo</b>	<b>AberDai</b> Clover
<b>3.00 Kilo</b>	<b>AberPearl</b> White Clover

**10.00 Kilo per Pack**

**SELECT** clover blend contains a mixture of large and medium clover varieties suitable for rejuvenating the clover content in established leys. Clover has two major benefits; it produces free nitrogen and is relished by stock. Increased grass / clover intake with stock, equals more milk, beef and lamb from your ley.

## PUNA II Chicory

**PUNA II Chicory** can be utilised in a number of ways;

- Can be mixed with a new ley before sowing
- Introduced into an established ley
- Sown straight – very useful for fattening lambs and helpful in reducing the need for artificial wormers due to Chicory's anthelmintic properties

**1.00 Kilo per Pack**

## General Purpose HERB Mixture

<b>0.46 Kilo</b>	<b>Chicory</b> Herb
<b>0.20 Kilo</b>	<b>Burnett</b> Herb
<b>0.20 Kilo</b>	<b>Agri Tonic</b> Herb
<b>0.10 Kilo</b>	<b>Sheeps Parsley</b> Herb
<b>0.04 Kilo</b>	<b>Yarrow</b> Herb

**1.00 Kilo per Pack**

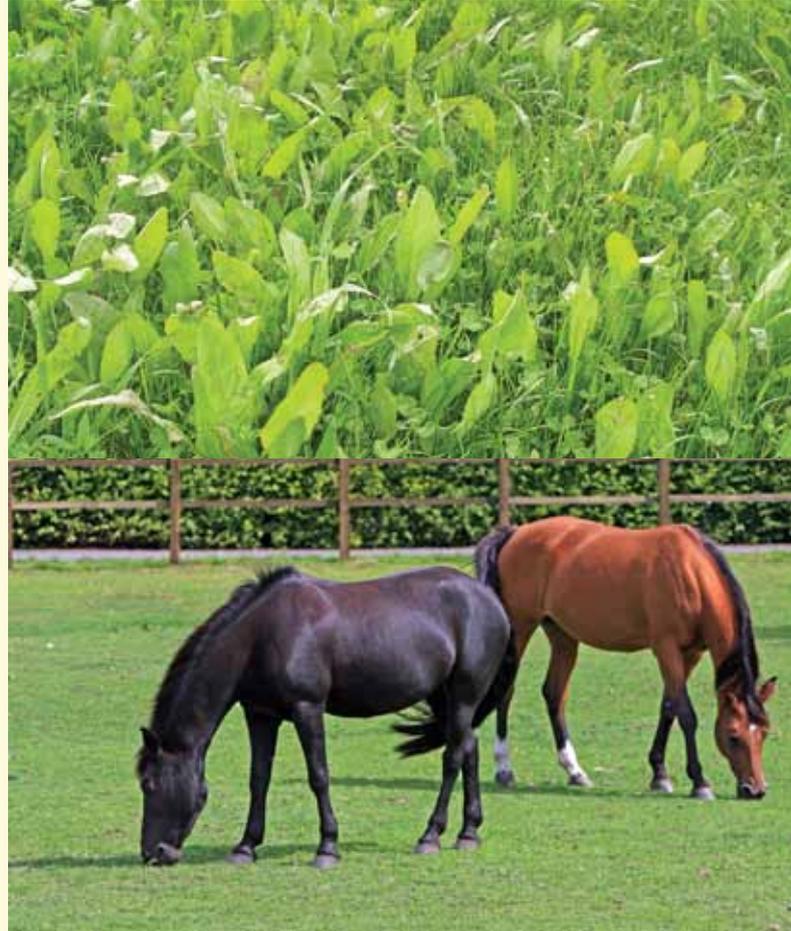
Farmers have utilised naturally occurring **Herbs** in their grazing and conservation leys for many years. Different environmental conditions support specific herb species. A suitable well-established herbal ley in low-input farm situations is very palatable to all stock, with persistence dependant on herb ley management and growing conditions.

## PRIZE Horse and Pony Long Term Ley

<b>2.00 Kilo</b>	<b>Presto</b> Timothy
<b>4.00 Kilo</b>	<b>Liherold</b> Meadow Fescue
<b>3.00 Kilo</b>	<b>Maxima 1</b> Creeping Red Fescue
<b>1.00 Kilo</b>	<b>Evora</b> Smooth Stalked Meadow Grass

**10.00 Kilo per Acre**

**PRIZE**, with good pasture management, is a long-term ley delivering first-class grazing and a hay crop if required. It is a premium quality ley, specially formulated for the particular requirements of horses and ponies.



### Variety Profile

**PRIZE** contains a quality selected blend of timothy, meadow fescue, creeping red fescue and smooth stalked meadow grass; ideally suited for equine grazing and hay production.

### Important Points to Consider

The composition of Western Seeds' **PRIZE** herbage mixture, reflects our understanding of the detrimental effects of ryegrass and clovers on the health of equines (notably the disease of **Laminitis**), which are therefore omitted.

*Specific equine herbs can be supplied with **PRIZE***