

DOWNLAND[®]

PARTNERS IN FARMING HEALTH

QUALITY GRASS SEED MIXTURES AND FORAGE CROPS 2023

www.downland.co.uk



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Welcome to the new Downland 2023 **QUALITY GRASS SEED** brochure.

All Downland **QUALITY GRASS SEED MIXTURES** use high performance seeds from recommended lists for higher germination rates and deeper roots for a better more robust sward and drought tolerance. In particular this year, we have introduced two new varieties; Wetherby and Convey, which offer better yields and earlier growth.

We have formulated our 2023 seed recipes for the modern farmer, given current Nitrogen pricing (at time of going to print) we have put together a range of higher clover seed mixtures, additional clover can also be added to any standard mixture if required, please contact your local Franchisee for full details.

The ELM and sustainable farming initiative require investment in legumes and herbs throughout the sward, our countryside brochure does offer a full range of specialist mixtures, but we can also add a legume and herb pack to our standard mixtures as shown on page 21.

Look out for the **FIBRE ME** logos throughout the brochure, these varieties offer much greater digestibility, which means a greater return on investment in outputs for the progressive farmer whether you are milking, or growing livestock. Further details are on page 4.

If you have any questions or require further information don't hesitate to contact us on 01228 564498 or email enquiries@downland.co.uk

Sophie Smith

Sophie Smith UK FRANCHISE DIRECTOR

High Quality Standards

Quality Grass seed is the foundation of a good sward. To ensure the best possible sward performance Downland **QUALITY GRASS SEED MIXTURES** are formulated using only the very best varieties sourced to the highest possible standard.

High germination seed has advantages on any farm

11% more live seed means up to 2.2 kg more live seed per 20 kg bag or 1.54 kg extra seed per acre. This extra seed sows an additional 280 seeds/m² for a mixture like Downland **VERSATILE**.

More established grass plants, gives you more leaf and longer lasting weed free swards

Species (%)	UK Minimum Germination	Downland Minimum Germination	Downland Actual 2022 Germination	Downland Germination Benefit
Italian Ryegrass	75	90	92	12%
Perennial Ryegrass	80	90	91	11%
Timothy	80	90	91	11%

This higher germination seed in each bag is equivalent to a saving of **£8.02/acre** on 2023 grass seed prices (14 kg/acre and **VERSATILE** at £5.20/kg), but the real value is better establishment leading to thicker sward, with many more plants per m².





FIBRE ME varieties are bred to have more readily digested cell wall fibre. This releases more energy to the animal and increases live weight gain or yields more milk as a result.

Every 1% increase in cell wall digestibility gives around 0.25 litre more milk per cow per day.

With a range of **3 to 6% higher digestibility** in the **FIBRE ME** varieties you should expect between 0.75 and 1.5 litres more milk per cow per day when she is eating 100% **FIBRE ME** varieties.



Scan the QR code or visit
www.bit.ly/FibreME
to watch our video about **FIBRE ME**



Deeper Roots

Plants with greater and deeper roots are better placed to withstand drought and water logging. Downland **QUALITY GRASS SEED MIXTURES** now have two ways of using deeper rooting grasses.



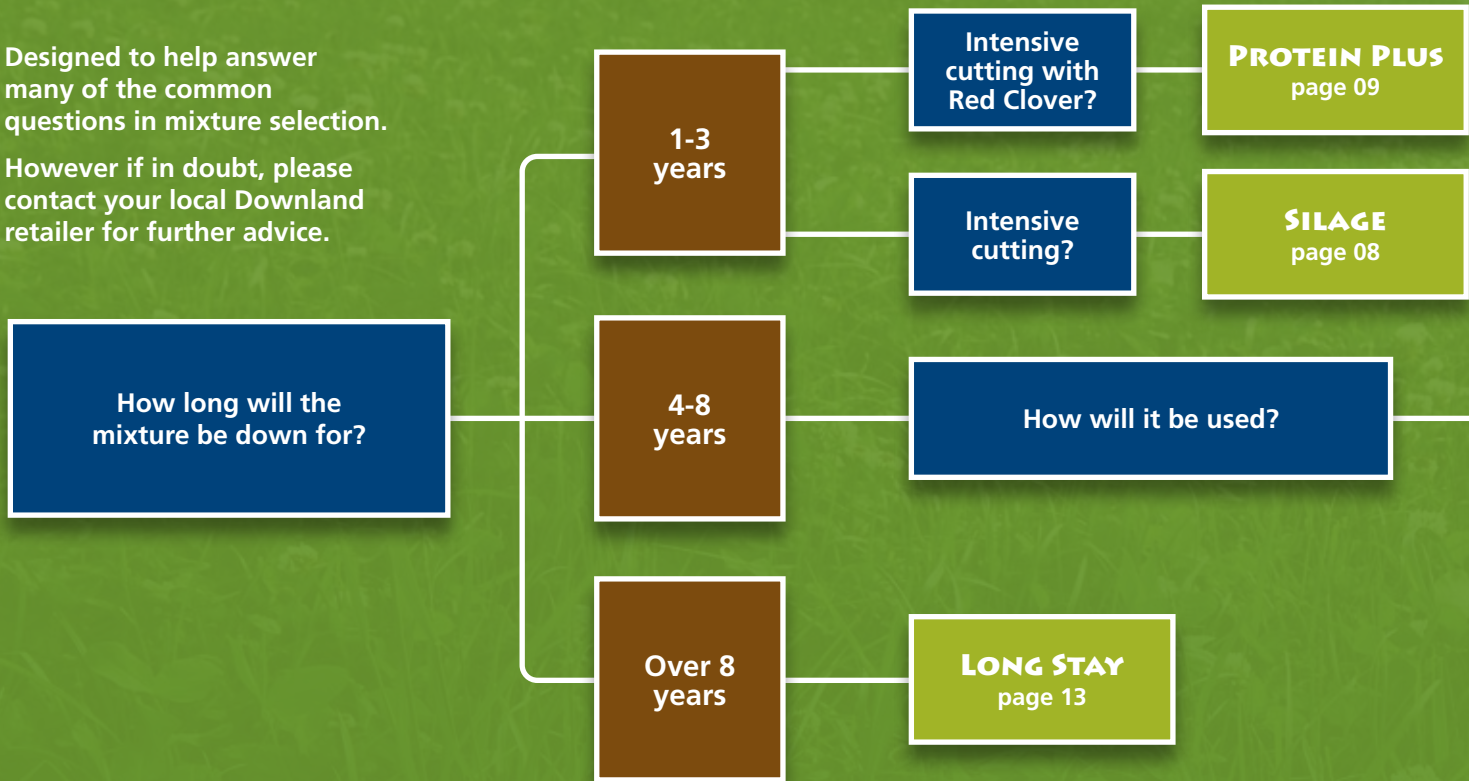
Ryegrass Plus grasses are festuloliums which have been bred using both ryegrasses and also small amounts of fescues, leading to hybrid vigour and greater rooting ability.

Selecting varieties on their root depth and mass is also now possible. These varieties can then extract more nutrients (including water) from deeper in the soil.

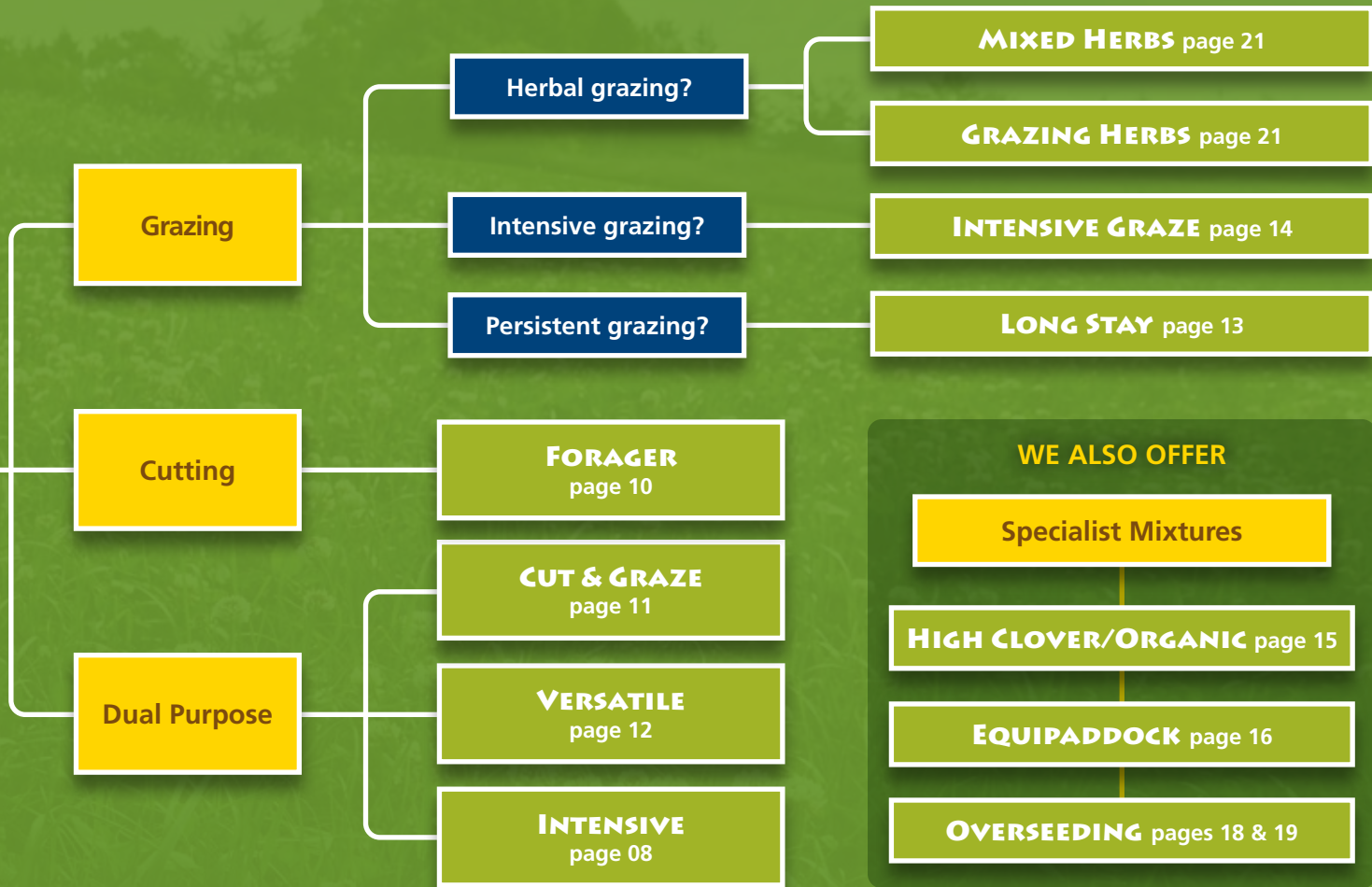
Mixture Selector

Designed to help answer many of the common questions in mixture selection.

However if in doubt, please contact your local Downland retailer for further advice.



DISCLAIMER: Any information provided in this catalogue is given in good faith and to the best of our existing knowledge. Any advice should therefore be taken as a general guide only and not relied upon for all conditions and circumstances. Downland cannot accept any legal liability for information given in this guide. In any instance where there are shortages of specified varieties Downland reserves the right to substitute equivalent varieties





SILAGE

- Maximum yield and quality under an intensive cutting regime
- Very good spring growth for high quality silage yields at early first cut dates
- The combination of Tetraploid Ryegrasses and Festulolium give a fast production of a good quality silage, with high sugar content

ALAMO

Italian Ryegrass

SENDERO

Italian Ryegrass

HUNTER

Tetraploid Italian Ryegrass

TETRAGRAZE

Tetraploid Hybrid Ryegrass

ASTONCRUSADER

Tetraploid Hybrid Ryegrass

LOFA

Hybrid Ryegrass Plus™

PERSEUS

Festulolium



INTENSIVE

- Specifically designed to be very high yielding
- Includes varieties with extra energy from digestible fibre
- Designed to be very drought tolerant

ASTONCRUSADER

Tetraploid Hybrid Ryegrass

SEAGOE

Tetraploid Intermediate
Perennial Ryegrass

NASHOTA

Tetraploid
Late Perennial Ryegrass



THEGN

Tetraploid
Late Perennial Ryegrass



LOFA

Hybrid Ryegrass Plus™



PROTEIN PLUS

- Formulated with 25% Red Clover to avoid needing Nitrogen fertiliser (after establishment)
- Will make huge quantities of excellent high protein silage
- Great aftermath grazing, particularly for lambs
- Considerably improves the physical, chemical and biological health of the soil

TETRAGRAZE

Tetraploid Hybrid Ryegrass

ASTONCRUSADER

Tetraploid Hybrid Ryegrass

PERSEUS

Festulolium



LOFA

Hybrid Ryegrass Plus™

DOWNLAND RED CLOVER BLEND

Red Clover

SOW FROM 13-15kg/acre 32-37kg/ha



FORAGER

- Top quality silage from high sugar varieties
- Designed for maximum silage yields over 3-4 cuts
- A White Clover option is also available
- More meat and milk from **FIBRE ME** varieties **NIFTY**, **AGASKA**, **DIWAN**, **NASHOTA** and **BOWIE**

NIFTY

Intermediate
Perennial Ryegrass



BOYNE

Intermediate
Perennial Ryegrass

AGASKA

Intermediate
Perennial Ryegrass



DIWAN

Intermediate
Perennial Ryegrass



SEAGOE

Tetraploid Intermediate
Perennial Ryegrass

NASHOTA

Tetraploid
Late Perennial Ryegrass



BOWIE

Late Perennial Ryegrass



WETHERBY

Late Perennial Ryegrass



CUT & GRAZE

- Our biggest selling mixture across the UK
- High yielding under both grazing and cutting
- Quality is further improved with high inclusions of **FIBRE ME** varieties
- Includes the 2 x new varieties **CONVEY** and **WETHERBY**, which has the highest RGCL yield

SOW FROM 15kg/acre 37kg/ha

AGASKA

Intermediate
Perennial Ryegrass



NIFTY

Intermediate
Perennial Ryegrass



CONVEY

Tetraploid Intermediate
Perennial Ryegrass

SEAGOE

Tetraploid Intermediate
Perennial Ryegrass

WETHERBY

Late Perennial Ryegrass

BOWIE

Late Perennial Ryegrass



NASHOTA

Tetraploid
Late Perennial Ryegrass



DOWNLAND DUAL PURPOSE CLOVER BLEND

White Clover



VERSATILE

- Later heading mixture to maintain season long quality
- High yielding, dense and winter hardy
- Timothy inclusion for early bite, palatability and durability
- Packed full of highly digestible **FIBRE ME** varieties

AGASKA
Intermediate
Perennial Ryegrass



NIFTY
Intermediate
Perennial Ryegrass



CANCAN
Late Perennial Ryegrass



BOWIE
Late Perennial Ryegrass



NASHOTA
Tetraploid
Late Perennial Ryegrass



THEGN
Tetraploid
Late Perennial Ryegrass



COMTAL
Timothy

**DOWNLAND
DUAL PURPOSE
CLOVER BLEND**
White Clover



LONG STAY

- Designed for persistency and winter hardiness
- Tremendous season long production
- Higher clover, Timothy and diploid ryegrasses to thicken the bottom of the sward
- Can carry large numbers of wintering sheep and still have a good early bite

SOW FROM 14-16kg/acre 35-40kg/ha

AGASKA

Intermediate
Perennial Ryegrass



NIFTY

Intermediate
Perennial Ryegrass



SEAGOE

Tetraploid Intermediate
Perennial Ryegrass

FINTONA

Tetraploid Intermediate
Perennial Ryegrass

BOWIE

Late Perennial Ryegrass



CANCAN

Late Perennial Ryegrass



NASHOTA

Tetraploid
Late Perennial Ryegrass



COMTAL

Timothy

DOWNLAND DUAL PURPOSE CLOVER BLEND

White Clover



INTENSIVE GRAZE

- The long term grazing mixture for good grass managers
- Very leafy, dense sward for big grazing yields and outstanding speed of regrowth
- Later heading and easily grazed to low residuals
- High inclusion of **FIBRE ME** varieties giving more milk from every bite

AGASKA
Intermediate
Perennial Ryegrass



NIFTY
Intermediate
Perennial Ryegrass



BOWIE
Late Perennial Ryegrass



WETHERBY
Late Perennial Ryegrass



NASHOTA
Tetraploid
Late Perennial Ryegrass



THEGN
Tetraploid
Late Perennial Ryegrass



**DOWNLAND
GRAZING
CLOVER BLEND**
White Clover

Organic versions also available



HIGH CLOVER DUAL PURPOSE

- High yields of quality silage and excellent aftermath grazing
- Small inclusion of Red Clover to boost production in years 1 and 2
- May be grazed before closing up for conservation

AGASKA

Intermediate Perennial Ryegrass



NASHOTA

Tetraploid Late Perennial Ryegrass



NOLWEN

Intermediate Perennial Ryegrass

COMTAL

Timothy

SWAN

Late Perennial Ryegrass

DOWNLAND DUAL PURPOSE CLOVER BLEND

White Clover

TODDINGTON

Late Perennial Ryegrass

DOWNLAND RED CLOVER BLEND

Red Clover

THEGN

Tetraploid Late Perennial Ryegrass



SOW FROM 14-16kg/acre 35-40kg/ha

HIGH CLOVER LONG TERM GRAZE

- Outstanding sward density and winter hardiness
- Very palatable, leafy sward to maximise grazing intakes
- High White Clover inclusion to feed the companion grasses

NIFTY

Intermediate Perennial Ryegrass



BOWIE

Late Perennial Ryegrass



AGASKA

Intermediate Perennial Ryegrass



THEGN

Tetraploid Late Perennial Ryegrass



TODDINGTON

Late Perennial Ryegrass

NASHOTA

Tetraploid Late Perennial Ryegrass



SWAN

Late Perennial Ryegrass

DOWNLAND GRAZING CLOVER

White Clover

SOW FROM 14-16kg/acre 35-40kg/ha



MULTIPURPOSE LANSCAPER

- Great variety of uses, including around poly tunnels, orchards, river banks and caravan parks
- Sward density improved by inclusion of Creeping Fescue
- Can suppress weeds and fill in patches

CAVENDISH

Late Perennial Ryegrass

MAXIMA

Creeping Red Fescue

EQUIPADDOK

- Low sugar grasses and diploid ryegrasses used to help lower the laminitis risk
- High inclusion of Timothy for Haymaking
- Sward density from creeping red fescue, timothy and diploid ryegrass

BOYNE

Intermediate
Perennial Ryegrass

CALVANO 1

Intermediate
Perennial Ryegrass

CAVENDISH

Late Perennial Ryegrass

WINNETOU

Timothy

MAXIMA

Creeping Red Fescue



Full reseeds are not always possible or not allowed in certain situations. Stoney fields, wild life habitat or simply trying to retain carbon in the soil, all lend themselves to overseeding existing fields with new grass seed.

Key guides to success with overseeding

- It is important to follow the advice below to get the best possible results
- Minimise the growth on the existing sward by cutting or grazing very low
- Do not apply nitrogenous fertiliser or slurry for 3 weeks
- Maximise the seed to soil contact by scarifying or drilling and rolling
- In cutting situations only overseed after the last cut of the year
- Large tetraploid seeds should be used as they have higher seedling vigour

SOW FROM 10-12kg/acre 25-30kg/ha



Overseeding can be used successfully to increase clover or herb content of swards

Our Overseeding mixtures all appear on the next 2 pages



CUT

- Varieties selected for cutting yield and high D-Values
- A Red Clover option is available with 25% inclusion of Red Clover
- A no clover option is available

LOFA
Hybrid Ryegrass Plus™

TETRAGRAZE
Tetraploid
Hybrid Ryegrass

NOLWEN
Tetraploid Intermediate
Perennial Ryegrass

**CUTTING
CLOVER BLEND**
White Clover

GRAZE

- Contains only varieties with top grazing yields and quality
- Will establish a highly palatable, leafy and dense sward
- A no clover option is available

NOLWEN
Tetraploid Intermediate
Perennial Ryegrass

HOPI
Tetraploid
Late Perennial Ryegrass

THEGN
Tetraploid
Late Perennial Ryegrass

**CRAZING
CLOVER BLEND**
White Clover





DUAL PURPOSE

- Equally good performance under different grassland managements
- Excellent spring growth for an early graze and 1st cut yields
- A no clover option is available

TETRAGRAZE

Tetraploid
Hybrid Ryegrass

HOPI

Tetraploid
Late Perennial Ryegrass

NOLWEN

Tetraploid Intermediate
Perennial Ryegrass

DUAL PURPOSE CLOVER BLEND

White Clover

SOW FROM 10-12kg/acre 25-30kg/ha

PRONITRO®

- Each seed has a nitrogen coating to boost its own establishment, in an existing sward
- Designed for challenging situations where extra help is required early in the seedlings life
- A no clover option is available

DIWAN

Tetraploid Intermediate
Perennial Ryegrass

HOPI

Tetraploid
Late Perennial Ryegrass

THEGN

Tetraploid
Late Perennial Ryegrass



DUAL PURPOSE CLOVER BLEND

White Clover

SOW FROM 10-12kg/acre 25-30kg/ha





GOLIATH

- Dual Purpose mixture which can be cut or grazed
- Will have plenty of early growth, as well as autumn production
- Good yields of silage, hay or haylage
- A no clover version is also available

CALVANO 1

Intermediate
Perennial Ryegrass

NOLWEN

Tetraploid Intermediate
Perennial Ryegrass

TIMING

Late Perennial Ryegrass

TYWMAX

Tetraploid
Late Perennial Ryegrass

WINNETOU

Timothy

DOWNLAND DUAL PURPOSE CLOVER BLEND

White Clover



MIXED HERBS

- A botanically diverse range of 6 different palatable herbs
- Very deep rooting for drought situations and regrowth
- Can be added to any Downland grass mixture at 3% to 7%

PERENNIAL CHICORY

RIBWORT PLANTAIN

SAINFOIN

SHEEPS BURNET

SHEEPS PARSLEY

YARROW

SOW FROM 10-12kg/acre 25-30kg/ha

GRAZING HERBS

- Red and White Clover included to reduce Nitrogen requirements
- Very palatable and quick growing blend of legumes and herbs
- Can be added to any Downland grass mixture at 3% to 7%

WHITE CLOVER

RED CLOVER

RIBWORT PLANTAIN

ALSIKE CLOVER

CHICORY

BIRDSFOOT TREFOIL

SHEEPS BURNET

SHEEPS PARSLEY

YARROW

SOW FROM 10-12kg/acre 25-30kg/ha

MIXTURES WITH GRASS

CC

- Provides autumn grazing for sheep and finishing lambs as well as winter and early spring grazing from the Italian Ryegrass where needed
- Fast growing and highly productive catch crop mix

80%	Italian Ryegrass	SOW FROM 9kg/acre 22kg/ha
15%	Forage Rape	
5%	White Turnips	

CD

- Specifically designed to produce autumn grazing for sheep and fattening lambs
- Will provide both autumn grazing from the combination of species and winter and early spring grazing from the Italian Ryegrass

80%	Italian Ryegrass	SOW FROM 9kg/acre 22kg/ha
20%	Forage Rape	

MIXTURES WITHOUT GRASS

RAPID ROOT

A very popular mixture which can be sown early and used mid summer, or sown in the summer for autumn and early winter use. Suits both cattle and sheep.

60%	Forage Rape	SOW FROM 2-3kg/acre 5-8kg/ha
35%	Stubble Turnips	
5%	Kale	

WINTER GRAZE

A higher inclusion of stubble turnips should allow this mixture to be used in January and perhaps even some of February. Suits both cattle and sheep.

60%	Stubble Turnips	SOW FROM 2-3kg/acre 5-8kg/ha
35%	Forage Rape	
5%	Kale	



Consult the Downland Countryside brochure for more information on

- Forage Crops
- Green Cover Crops
- Environmental Stewardship crops
- Game Cover Crops



DOWNLAND[®]

PARTNERS IN FARMING HEALTH



Downland retailers are supported by experienced, highly trained, professional sales advisors committed to offering **BEST ADVICE**. For further advice on the best mixture to meet your individual farm needs please contact your local Downland retailer.

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