



# Product Range



Contracting

Products

Fertilisers

Liquid Fertilisers

Chemicals

Line Marking

Turf Dressings

Sands & Gravels

Loams, Topsoils, Barks



# ATB Grass Seed Range

Our grass seed mixtures are formulated to provide the professional sports turf manager with cultivars and specifications to produce the very best playing surfaces. To this end we source our blends from the world's premier grass breeder and benefit from their worldwide production base.

With a combined experience of over 100 years in breeding, producing, specifying and supplying grass seed, ATB Sports Solutions are confident that the mixtures following will offer Groundsmen and Greenkeepers alike, quality solutions to their seeding requirements.

All seed is supplied in 20 kilo quality paper laminated sacks.

## MIXTURES FOR SPORTFIELDS

### ATB1 Premier Renovation

Containing the very best cultivars for wear tolerance and recovery, ATB 1 Premier Renovation is formulated for over seeding high performance winter sports pitches.

20% BIZET 1 perennial ryegrass  
30% PONDEROSA perennial ryegrass  
20% HUGO perennial ryegrass  
30% VERDI perennial ryegrass

- Exceptional wear tolerance
- Excellent recovery
- Quick establishment
- Suitable for new sowings and renovation

Sow: 35 – 75 g/m<sup>2</sup>    Oversow: 25 – 75 g/m<sup>2</sup>  
Mowing: down to 25mm

### ATB2 Outfield Renovation

As with ATB 1, this blend is a high performance formulation, particularly targeted at those sports pitches which are required to double up as outfields in the summer months.

30% HIMALAYA perennial ryegrass  
30% CONRAD 1 perennial ryegrass  
20% BIZET 1 perennial ryegrass  
20% JESSICA perennial ryegrass

- Produces a dense, hard wearing sward
- Tolerates close mowing
- Quick establishment

Sow: 35 – 75 g/m<sup>2</sup>    Oversow: 25 – 75 g/m<sup>2</sup>  
Mowing: down to 15mm

### ATB3 Standard Renovation

A good quality, competitively priced ryegrass renovation mix.

30% STRAVINSKY perennial ryegrass  
40% VERDI perennial ryegrass  
30% PLATINUM perennial ryegrass

- Economical, value for money blend
- Very good wear tolerance
- Quick germinating

Sow: 35 – 75 g/m<sup>2</sup>    Oversow: 25 – 75 g/m<sup>2</sup>  
Mowing: down to 25mm

### ATB11 Sports Outfield

With the addition of the rhizomatous smooth stalked meadow grass, ATB 11 is ideal for new multi use sports pitches and for end of season renovations.

25% HIMALAYA perennial ryegrass  
30% CONRAD 1 perennial ryegrass  
20% BIZET 1 perennial ryegrass  
25% LIMOUSINE smooth stalked meadow grass

- Increased root strength
- Improved recovery from wear
- Darker colour

Sow: 35 – 50 g/m<sup>2</sup>    Oversow: 25 – 50 g/m<sup>2</sup>  
Mowing: down to 25mm

### ATB4 Wicket Renovation

Using the highest rated varieties for close mown turf, ATB 4 will give excellent performance in respect of density and resistance to wear. Also suitable for overseeding golf tees.

25% SAUVIGNON perennial ryegrass  
40% CONRAD perennial ryegrass  
35% DICKENS perennial ryegrass

- Fast establishment
- Tolerant of close mowing
- Quick recovery

Sow: 35 – 75 g/m<sup>2</sup>    Oversow: 35 – 75 g/m<sup>2</sup>  
Mowing: down to 5mm

The mixtures specified offer a comprehensive ready solution to most amenity grass seed requirements. Should you however, feel that you require a bespoke alternative then please feel free to contact us with your specific requirements.

### ATB6 Landscape

An economical and hard wearing mixture, ideal for general landscaping work and parkland areas.

70% ESQUIRE perennial ryegrass  
30% MAXIMA 1 creeping red fescue

- Quick to establish
- Speedy green cover

Sow: 35 – 50 g/m<sup>2</sup>    Oversow: 25 – 50 g/m<sup>2</sup>  
Mowing: down to 15mm

### ATB Fescue Over-Seed

A blend of fine leaved fescue species, designed for overseeding fairways.

50% HERALD creeping red fescue  
25% LEGENDE chewings fescue  
25% HELENA slender red fescue

- Top rated cultivars
- Exceptional sward density
- Reduced water requirement
- Low nutrient requirement

Sow: 35 – 50 g/m<sup>2</sup>    Oversow: 15 – 25 g/m<sup>2</sup>  
Mowing: down to 12mm

## MIXTURES FOR FINETURF

### ATB5 Fairway Over-Seed

A blend of fine leaved grasses with high shoot density and reduced cutting requirement.

30% CEZANNE slender red fescue  
30% MUSICA chewings fescue  
30% HERALD creeping red fescue  
10% HIGHLAND browntop bentgrass

- Top rated cultivars
- Exceptional sward density
- Reduced water requirement
- Low nutrient requirement

Sow: 35 – 50 g/m<sup>2</sup>    Oversow: 15 – 25 g/m<sup>2</sup>  
Mowing: down to 12mm

### ATB7 Greens

A traditional greens mixture containing fine leaved fescues and bentgrass

40% REGGAE slender red fescue  
40% CALLIOPE chewings fescue  
10% DENSO browntop bentgrass  
10% MANOR browntop bentgrass

- Green & Bowls renovation
- Dense sward
- Provides a fine putting surface
- Tolerates close mowing

Sow: 35 g/m<sup>2</sup>    Oversow: 25 g/m<sup>2</sup>  
Mowing: down to 5mm

### ATB5 PLUS Fairway Over-Seed

The addition of perennial ryegrass provides a harder wearing sward for high traffic fairways and walk off areas.

30% CONRAD 1 perennial ryegrass  
20% CEZANNE slender red fescue  
20% MUSICA chewings fescue  
25% HERALD creeping red fescue  
5% HIGHLAND browntop bentgrass

- Rapid establishment
- Hard wearing
- Fine leaved sward
- Speedy renovation

Sow: 35 – 50 g/m<sup>2</sup>    Oversow: 15 – 25 g/m<sup>2</sup>  
Mowing: down to 12mm

### ATB8 Greens Renovation

An all bent mixture for overseeding and renovation of greens

70% DENSO browntop bentgrass  
30% MANOR browntop bentgrass

- Top rated Manor
- High shoot density

Sow: 10 g/m<sup>2</sup>    Oversow: 5 g/m<sup>2</sup>  
Mowing: down to 4mm





# Masterline Grass Seed Range

ATB have selected a number of products from the Masterline Range of grass seed mixtures to compliment our own range which have been formulated to meet the needs of today's turf managers.

Some of the most popular mixtures are listed below, but further details on the full Masterline and ProReclamation Ranges are available upon request. Whilst the standard mixtures offered will cater for most situations we are always pleased to advise upon and produce mixtures to customer's own specifications.

PM5	Economy Green	Golf and Bowling Greens
PM10	Greens	Traditional Golf & Bowling Greens
PM13	Fescue Green	Golf Greens - Fescue Overseeding
PM20	Fineturf	High Quality Fine Lawn
PM25	Gro Slow	Low Maintenance Golf Rough
PM26	Ecosward	Low Maintenance with Microclover
PM28	Wetland	Damp & Waterlogged Soils
PM60	Greenshade	Shaded Conditions
PM70	Recreation	Amenity Mix for Sports Fields And Landscaping
PM65	Gallop	Race Courses & Polo Grounds
PM79	Playingfield	Sports Field Renovation
PM85	DOT	Road Verges (Official Mix)



# 'Pro Flora' Wildflower mixtures



Pro Flora 1	Mix of cornfield annuals
Pro Flora 2	Mix for acidic soils (below PH6)
Pro Flora 3	Mix for damp loamy soils
Pro Flora 4	Mix for calcareous soils
Pro Flora 5	Mix for wet loamy soils
Pro Flora 6	Mix for dry free draining loamy soils
Pro Flora 7	Mix for hedgerow and light shade
Pro Flora 8	Old English Coutry Meadow mix Legacy (General Purpose)
Pro Flora 9	Mix for General purpose Heritage (non native)
Pro Flora 10	Mix for low maintenance landscaping including 10% Wild Flora
Pro Flora 11	Mix for woodland and heavy shade
Pro Flora 12	Mix for water margin and pond edges
Pro Flora 110	Mix for low maintenance landscaping including 5% Wild Flora

# Fine Turf Fertilisers

## Pure Turf Range

The 'Pure Turf' range of fine turf granular fertilisers are high quality blends of nitrogen, phosphorous, potassium, and trace elements mixed to the analyses detailed below.

All the products in the range are passed through a series of sieves to produce both our fine grade and greens grade granules.

This process produces a range of products that both spread well and are quickly broken down. All the products in the range are suitable for use on all fine turf areas including golf greens, bowling greens, cricket squares and lawns.

Product	Analysis	Fertiliser Grade	Application Rate	Pack Size	Longevity	Description
Pure Turf Tonic	2 - 0 - 8 + 6% Fe + Seaweed	Fine	35 - 70g m <sup>2</sup>	25kg	4 - 6 weeks	To be used as a turf tonic feed, especially during the autumn, winter and early spring periods to harden up the turf, provide colour and control moss.
Pure Turf NK	12 - 0 - 9 + 2% Fe + 2% Mg	Greens	35g per m <sup>2</sup>	25kg	4 - 6 weeks	A zero phosphate mini granule spring & summer fertiliser with added iron and magnesium.
Pure Turf Spring NPK	11 - 5 - 5	Greens	35g per m <sup>2</sup>	25kg	4 - 6 weeks	A balanced spring NPK mini granule fertiliser for use on all fine turf areas.
Pure Turf Spring & Summer	14 - 3 - 7 + 3% Fe + Seaweed	Greens	35g per m <sup>2</sup>	25kg	4 - 6 weeks	An excellent 2:1 nitrogen to potassium ratio spring and summer fertiliser with 3% iron and seaweed extract.
Pure Turf Renovation	5 - 10 - 5	Greens	35g per m <sup>2</sup>	25kg	4 - 6 weeks	A high phosphate fertiliser for use during the renovation and re-seeding of all fine turf areas.
Pure Turf Autumn	5 - 0 - 15 + 4% Fortiplex Fe + 4% Mg	Greens	35g per m <sup>2</sup>	25kg	4 - 6 weeks	A zero phosphate mini granule autumn & winter fertiliser with Fortiplex slow release iron and a high magnesium ratio to combat winter stress.
Pure Turf Winter	3 - 6 - 12 + 4% Fe	Fine	35g per m <sup>2</sup>	25kg	4 - 6 weeks	A 1:2:3 NPK ratio with 4% iron for use throughout the autumn & winter period.
Pure Turf All Season	6 - 4 - 10 + 2% Fe	Fine	35g per m <sup>2</sup>	25kg	4 - 6 weeks	This Balanced blend of nutrients make it useable all year round.
Pure Turf N-Boost	8 - 0 - 0	Fine	35g per m <sup>2</sup>	25kg	4 - 6 weeks	A simple straight N where no other nutrients are required. FE can be added if needed.

- Do you want to design your own fertiliser mix? ATB can show you how.
- Contact your local representative for more details.

# Fine Turf Fertilisers

## Par Range

The products in the 'Par' range of fertilisers contain both a fast release nitrogen source and a portion of slow release nitrogen in the form of Nutralene methylene urea. Nutralene has a tri-phase release pattern that is determined by water, temperature and microbial activity ensuring a steady release of nutrient over a 2 - 3 month period.

The longevity of the various products in the range is determined by the percentage of Nutralene contained within each fertiliser analysis. This is expressed as a % of Nutralene. All the products in the range are suitable for use on all fine turf areas including golf greens and tees, bowling greens, cricket squares and lawns.

Product	Analysis	Fertiliser Grade	Application Rate	Pack Size	Longevity	Description
Par No. 1	6 - 12 - 12 + 25% Nutralene	Greens	35g per m <sup>2</sup>	25kg	8 weeks	An early spring starter with 25% Nutralene to prevent a flush of growth. Can also be used as an effective pre-seeder fertiliser.
Par No. 2	15 - 0 - 10 + 2% Fe + 1% Mg + 50% Nutralene	Greens	20-35g per m <sup>2</sup>	25kg	10 weeks	A zero phosphate spring & summer fertiliser with 50% Nutralene to provide a constant feed for up to 10 weeks.
Par No. 3	21 - 3 - 16 + 90% Nutralene	Greens	20-35g per m <sup>2</sup>	25kg	12 weeks	An excellent summer slow release fertiliser with 90% Nutralene which reduces scorch potential and lasts for up to 12 weeks.
Par No. 4	10 - 5 - 25 + 5% Fe + 75% Nutralene	Greens	20-35g per m <sup>2</sup>	25kg	10-12 weeks	A slow release autumn & winter feed for use on all fine turf areas. The 25% potassium and addition of 5% iron as part of the analysis will enable the grass to withstand the rigours of winter use.
Par No. 5	21 - 3 - 16 + 90% Nutralene	Greens	20-35g per m <sup>2</sup>	25kg	12 weeks	An excellent summer slow release fertiliser with 90% Nutralene which reduces scorch potential and lasts for up to 12 weeks.
Par No. 6	7 - 0 - 14 + 50% Nutralene	Greens	20-35g per m <sup>2</sup>	25kg	10 weeks	An excellent summer slow release fertiliser with 90% Nutralene which reduces scorch potential and lasts for up to 12 weeks.

- Would you like to know exactly what your turf needs? ATB can provide a soil analysis free of charge.
- Contact your local representative for more details.





# Controlled Release Fertilisers

## Medal Range

The 'Medal' range of controlled release granular fertilisers are designed for use on tees, sports pitches, and landscape areas where a longer length of control over the release of nutrients is required.

Poly sulphur coated urea, and poly resin coated nitrogen and potassium\* sources are blended with fast release nutrients in order to provide both an immediate response and a continued controlled release up to 3 or 6 months depending upon the product selected.

Product	Analysis	Fertiliser Grade	Application Rate	Pack Size	Longevity	Description
Medal No. 1	18 - 5 - 10 + 2% Mg + 50% Poly S	Tees	20-35g per m <sup>2</sup>	25kg	2-3 months	With 50% of this product being controlled release this product is ideal for use on tees, fairways and sportsfield areas during the spring & summer.
Medal No. 2	22 - 0 - 15 + 2% Fe + 50% Poly S	Tees	20-35g per m <sup>2</sup>	25kg	2-3 months	A higher nitrogen and zero phosphate alternative to Medal No. 1 for use on the same turf areas.
Medal No. 3*	12 - 6 - 18 + 6% Mg + 50% Poly S + 25% Poly K	Tees	20-35g per m <sup>2</sup>	25kg	2-3 months	This product is designed to provide a controlled release of nutrient over a 2 - 3 month period, and due to the high potassium and magnesium content this is an ideal autumn & winter feed.
Medal No. 4	30 - 5 - 15 + 70% Poly N	Tees	20-35g per m <sup>2</sup>	25kg	5-6 months	With 70% Poly N this fertiliser is designed to provide a season long feed to areas such as tees, fairways and sportsfields.
Medal No. 5*	12 - 0 - 24 + 70% Poly N + 30% Poly K	Tees	20-35g per m <sup>2</sup>	25kg	5-6 months	With both Poly N & Poly K contained within this product it is designed to provide a steady release of nutrient when the temperature allows and the grass plant demands.
Medal No. 6	30 - 5 - 15 + 70% Poly N	Tees	20-35g per m <sup>2</sup>	25kg	5-6 months	With 70% Poly N this fertiliser is designed to provide a season long feed to areas such as tees, fairways and sportsfields.

- Would you like to know exactly what your turf needs? ATB can provide a soil analysis free of charge.
- Contact your local representative for more details.



# Outfield Fertilisers

## Match Range

The 'Match' range of outfield turf granular fertilisers are high quality blends of nitrogen, phosphorous and potassium mixed to the analyses detailed below.

The outfield range contains a larger granule size for use on coarser types of sports turf and landscape areas.

The outfield range is also designed to provide products that can be easily distributed by both pedestrian and tractor mounted fertiliser spreaders.

Product	Analysis	Fertiliser Grade	Application Rate	Pack Size	Longevity	Description
Match No. 1	8 - 12 - 8	Outfield	35-70g per m <sup>2</sup>	25kg	4 - 6 weeks	The high phosphate element of this product makes it ideal for use when seeding new areas or during sportsfield renovations.
Match No. 2	9 - 7 - 7	Outfield	35-70g per m <sup>2</sup>	25kg	4 - 6 weeks	A traditional outfield analysis makes this product ideal for use during sportsfield renovations and throughout the year to feed ryegrass swards.
Match No. 3	12 - 6 - 6	Outfield	35-70g per m <sup>2</sup>	25kg	4 - 6 weeks	A higher nitrogen spring & summer feed for sportsfield and landscape areas.
Match No. 4	3 - 12 - 12	Outfield	35-70g per m <sup>2</sup>	25kg	4 - 6 weeks	A traditional autumn & winter outfield fertiliser for use on sportsfield and landscape areas.

- Would you like to know exactly what your turf needs? ATB can provide a soil analysis free of charge.
- Contact your local representative for more details.





# Humber Palmers



## Nature & Technology Hand in Hand

HumberPalmers EXCEL range provides professional greenkeepers and groundsmen a unique opportunity to produce high quality hard wearing turf for all amenity requirements in an efficient and environmentally friendly manner.

The comprehensive range of 7 grades offers an analysis to suit every amenity situation from general playing fields to high quality bowling greens.

- Natural phased release of nutrients over 8 - 10 Weeks
- Humates stimulate microbial activity promoting stronger root development and sward density
- Improved resistance to drought
- Turf remains greener longer
- Remarkable regrowth capacity following prolonged dry spells
- Reduced leaching
- Benefits the environment

## Organic Base

The EXCEL range uses HumberPalmers highly successful odourless organic base, high in humates and organic carbon consistently providing remarkable "natural" phased release properties and increased efficiency of plant food nutrients.

## EXCEL Nutrient release



## Granular Compounds

All EXCEL grades are "true" complete granular compounds (not blends) each granule containing a proportion of the stated nutrients. This eliminates "speckling" ensuring even colour and growth over the whole turf.

## Standard & Mini Granules

EXCEL is the only amenity range offering all grades in 2 sizes of granule:-

### Standard

2-4mm granules for accurate application on all outfield and other coarse mown turf areas.

### Mini

1-2 .5mm granules for maximum efficient coverage on all fine turf areas.

## ECO TURF

**9 - 4 - 6**

- An economic well balanced analysis
- Safe to use throughout the growing season
- Suitable for use on golf fairways, tees, surrounds and semi-roughs, sports fields, general outfield areas and lawns

**Suggested Application Rate**  
25 - 45g per sq. m  
According to turf conditions

A 25kg bag will treat  
1000 - 555 sq. m

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

✓ ✓ ✓ ✓ ✓ ✓ ✓

## ACTIVATOR

**18 - 2 - 12+ 1Fe**

- High nitrogen with the right balance of potash
- Particularly suitable for sustained green up in early and late season
- Ideal for golf fairways/tees and sports turf of all types

**Suggested Application Rate**  
25 - 45g per sq. m  
According to turf conditions

A 25kg bag will treat  
1000 - 555 sq. m

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

✓ ✓ ✓ ✓ ✓ ✓ ✓

## ENERGISE

**14 - 6 - 8+ 2MgO**

- Ideal Spring/Summer analysis plus magnesium for extra colour
- Aids enhanced tillering and hard wearing turf
- For use on golf fairways/tees, sports fields and other outfield areas plus lawns and race courses

**Suggested Application Rate**  
25 - 45g per sq. m  
According to turf conditions

A 25kg bag will treat  
1000 - 555 sq. m

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

✓ ✓ ✓ ✓ ✓ ✓ ✓

## STIMULUS

**9 - 4 - 10+ 4MgO**

- A versatile grade with a proven balanced analysis plus magnesium for enriched colour
- Safe to use from early Spring to mid Autumn for extended growth and quality
- Suitable for use on golf fairways and tees, summer and winter sports pitches, lawns and racecourses

**Suggested Application Rate**  
25 - 45g per sq. m  
According to turf conditions

A 25kg bag will treat  
1000 - 555 sq. m

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

✓ ✓ ✓ ✓ ✓ ✓ ✓

## UNIVERSAL

**10 - 5 - 16+ 1Fe**

- A higher potash to nitrogen ratio with iron for all round use
- Provides sustained healthy growth throughout the season for hard wearing turf
- Ideal for golf fairways and tees, year round sports pitch use and lawns

**Suggested Application Rate**  
25 - 45g per sq. m  
According to turf conditions

A 25kg bag will treat  
1000 - 555 sq. m

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

✓ ✓ ✓ ✓ ✓ ✓ ✓

## K-RECHARGE

**5 - 3 - 20+ 1Fe**

- High potassium analysis for Autumn/Winter use to toughen turf
- Will produce good coloured healthy disease resistant turf to withstand the Winter
- Particularly suitable for all areas of heavy use, golf fairways and tees, sports fields and lawns

**Suggested Application Rate**  
25 - 45g per sq. m  
According to turf conditions

A 25kg bag will treat  
1000 - 555 sq. m

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

✓ ✓ ✓ ✓ ✓ ✓ ✓

GRADE		GRANULE TYPE	
ECO TURF	9 - 4 - 6	Standard	
ACTIVATOR	18 - 2 - 12 + 1Fe	Standard	Mini
STIMULUS	9 - 4 - 10 + 4MgO	Standard	Mini
ENERGISE	14 - 6 - 8 + 2MgO	Standard	
UNIVERSAL	10 - 5 - 16 + 1Fe	Standard	
K-RECHARGE	5 - 3 - 20 + 1Fe	Standard	Mini
MULTIPHASE PLUS	18 - 3.5 - 8 + 1MgO		Mini

## Multiphase PLUS

**18 - 3.5 - 8 + 1MgO + Trace Elements**

- Uniquely combines the benefits of Humber Palmers natural organic base with technologically advanced controlled release nitrogen in the form of short and long release methylene urea
- Additionally includes extended release potash for sustained quality turf
- A perfectly balanced NPK ratio with added magnesium and additional trace elements for overall turf health and colour
- Exceptional Multiphase PLUS release pattern of 12/16 weeks
- For top quality turf on all areas throughout the season from golf greens to all sports/amenity areas

ALL **EXCEL** GRADES ARE PACKED IN 25KG BAGS



# Liquid Fertilisers

## Pure Turf Liquids

The 'Pure Turf' range of liquid fertilisers are an ideal supplement / alternative to granular fertilisers and can provide a quick response to brighten up any turf situation.

All the products in the range are suitable for use on all turf areas including golf greens, bowling greens, cricket squares, lawns, and sportsfield areas.

Product	Analysis	Fertiliser Grade	Application Rate	Pack Size	Longevity	Description
Pure Turf HI - N	20 - 0 - 0 + Trace Elements	Liquid	2.5 - 7.5L per 500 m <sup>2</sup>	20L	3 - 4 weeks	A high nitrogen, fast acting liquid fertiliser to encourage top growth and colour.
Pure Turf Green	16 - 4 - 12 + Trace Elements + Seaweed	Liquid	2.5 - 7.5L per 500 m <sup>2</sup>	20L	3 - 4 weeks	This specially formulated fast acting liquid fertiliser is ideal for applying to turf where a balanced liquid feed is required.
Pure Turf Summer Plus	15 - 0 - 10 + Slow Release	Liquid	2.5 - 7.5L per 500 m <sup>2</sup>	10L	5 - 6 weeks	This NK liquid fertiliser has 40% slow release nitrogen to provide extra longevity during the main season.
Pure Turf Event	14 - 0 - 6 + Fe + Seaweed + Humic Acid + Wetting Agent	Liquid	3.3 - 6.6L per 500 m <sup>2</sup>	20L	3 - 4 weeks	An all-in-one liquid fertiliser for main season application. Ideal for use on bowling greens and golf greens or just prior to a special event.
Pure Turf Autumn	5 - 0 - 12 + 2% Fe + Slow Release	Liquid	2.5 - 7.5L per 500 m <sup>2</sup>	10L	5 - 6 weeks	This high K autumn liquid feed also has 40% slow release nitrogen to prevent a flush of growth at this time of year.
Pure Turf Seed Starter	6 - 18 - 9 + Trace Elements + Seaweed	Liquid	2.5 - 7.5L per 500 m <sup>2</sup>	20L	3 - 4 weeks	A high P liquid feed which is ideal for use on newly seeded areas to encourage strong roots and healthy growth.
Pure Turf Hardner	4% Iron + 2% Copper + 2% Zinc + Sulphur	Liquid	1L per 500 m <sup>2</sup>	10L	3 - 4 weeks	This product can be used as a natural alternative for hardening turf to combat a range of turf diseases. Used all year round it can be a useful addition to chemical fungal treatments.

- Normal dilution rate for liquid fertilisers are 1:5 - 8 (Product - Water).
- Liquid fertilisers can also be supplied in bulk 200 & 1000 litre containers if required.
- Please ask your local representative for further details.

# Liquid Irons

## Pure Turf Irons

The 'Pure Turf' range of liquid irons should be used to provide rapid green up effect, harden turf against disease, and discourage moss from developing. The three products in the range offer a choice of iron compounds from the longer lasting chelated iron complex found in 'Pure Turf Iron' to the other ferrous sulphate based products.

Pure Turf Irons are a very good supplement to any turf manager's main fertiliser programme and can be used on all areas of amenity turf.

Product	Analysis	Fertiliser Grade	Application Rate	Pack Size	Longevity	Description
Pure Turf Iron	6% Fe + Mn + Wetter + Dye	Liquid	25L per ha	10L	3 - 4 weeks	A high quality liquid iron complex for hardening turf, 'greening up' and correcting iron deficiencies.
Pure Turf Fairway Iron	6% Fe	Liquid	25L per ha	25L	3 - 4 weeks	A cost effective liquid iron made from Iron Sulphate, specially designed for fairway applications or large areas of amenity turf.
Pure Turf Soluble Iron	Soluble Powder	Soluble Powder	8 - 10 or 24kg per ha	4kg	3 - 4 weeks	A low cost iron product for use on all areas of turf.

# Landscape & Special Use Fertilisers

## Pure Turf Fertilisers

Pure Turf Products are able to offer a range of landscape fertilisers for use around trees, shrubs and bedding plant areas, both pre and post planting. If you wish to design your own fertiliser mix for these areas please do not hesitate to contact us for further details.

A range of dual purpose granular fertilisers are also listed below designed for both weed and feed and / or moss control purposes on fine turf and / or outfield areas.

Product	Usage	Analysis	Fertiliser Grade	Application Rate	Pack Size	Longevity
Pure Tree & Shrub	Landscape	4 - 19 - 10 + 8% Mg + 25% Poly S	Coarse	35 - 105g per m <sup>2</sup>	25kg	1 - 2 months
Pure Bedding Planter	Landscape	14 - 8 - 8 + 3% Mg + 100% Poly S	Coarse	35 - 105g per m <sup>2</sup>	25kg	3 - 4 months
Scotts Greenmaster' Extra'	Weed & Feed	14 - 2 - 4 + MCPA + Mecoprop-P	Mini (Fine Turf)	35 g per m <sup>2</sup>	25kg	4 - 6 months
Scotts Greenmaster 'Mosskiller'	Mosskiller	14 - 0 - 0 + 8.9% Fe	Mini (Fine Turf)	35 g per m <sup>2</sup>	25kg	4 - 6 months

# Organic Fertilisers

## Pure Turf Organics

The 'Pure Turf' range of organic fertilisers are a selection of both granular and liquid organic based fertilisers and can provide an organic boost to create a healthy environment for the grass plant to thrive.

All the products in the range are suitable for use on all turf areas including golf greens, bowling greens, cricket squares, lawns and sportsfield areas.

Product	Analysis	Fertiliser Grade	Application Rate	Pack Size	Longevity	Description
Pure Turf Bio-Active S & S	15 - 4 - 10 + Beneficial Bacteria + Trace Elements	Greens	20 - 35g per m <sup>2</sup>	25kg	4 - 6 weeks	A spring & summer organic based granular fertiliser designed to provide a healthy dense sward and offer a cost effective way to reduce thatch, address disease problems and feed both the turf and soil.
Pure Turf Bio-Active A & W	5 - 3 - 13 + Beneficial Bacteria + Trace Elements	Greens	25 - 30g per m <sup>2</sup>	25kg	4 - 6 weeks	An autumn & winter organic based granular fertiliser that is best applied during autumn aeration operations to help reduce thatch and suppress turf disease.
Pure Turf Seaweed Meal	100% Seaweed	Fine	25 - 50g per m <sup>2</sup>	25kg	N/A	A dry, dust free, easy to spread, organic treatment suitable for top dressing and turf renovation.
Pure Turf Seaweed	8% Seaweed Liquid Extract	Liquid	1.25L per 500 m <sup>2</sup>	10L	3 - 4 weeks	Biostimulant containing a high quality seaweed extract.
Pure Turf Seaweed Iron	Seaweed + 2% Fe	Liquid	1.25L per 500 m <sup>2</sup>	10L	3 - 4 weeks	Biostimulant containing a high quality seaweed extract, but with 2% iron.
Pure Turf Seaweed Extra	Seaweed + 19% Nitrogen	Liquid	2.5 - 5L per 500 m <sup>2</sup>	10L	3 - 4 weeks	Biostimulant containing a high quality seaweed extract, but with 19% nitrogen.
Pure Turf Amino Foliar	100% Amino Acids	Liquid	0.15 - 0.25L per 500 m <sup>2</sup>	5L	3 - 4 weeks	An effective amino acid foliar feed designed to improve the overall health of turf and increase uptake, drought tolerance and microbial activity. Apply every 3 - 4 weeks during the main season.
Pure Turf Amino Root	100% Amino Acids + Humic Acids + Wetter	Liquid	0.5 - 0.75L per 500 m <sup>2</sup>	5L	3 - 4 weeks	Amino Root is ideal for applying to new seedlings or where extra root development is required.



# Fertiliser Spreaders

## Pure Turf Spreaders

Pure Turf Products can offer a wide range of fertiliser spreaders. From spreaders suitable for the domestic gardener to the professional user who uses a fertiliser spreader on a regular basis.

Please contact your local representative for further details.

Product	Picture	Hopper Size	Supplier
Calibrator		Use with 30+, HVO and Tow	Sherriff Amenity
Portable		9kg	Sherriff Amenity
Trojan 15		22kg	Sherriff Amenity
Trojan 30		30kg	Sherriff Amenity
Trojan 30+		30kg	Sherriff Amenity
Trojan DS		45kg	Sherriff Amenity
Trojan HVO		45kg	Sherriff Amenity
Trojan Tow		45kg	Sherriff Amenity

# Selective Weedkillers

## Pure Turf Weedkillers

Pure Turf Products are able to offer a large range of selective herbicides for the effective control of a wide range of weeds in established turf.

Please contact your local representative for further advice on which chemical is best suited to provide the most effective control of any weeds present in your turf.

Product	Supplier	Contains	Application Rate	Pack Size	Pack Coverage
Headland Relay	Headland	Mecoprop-P/ MCPA/Dicamba	5L per ha	5L	10,000m <sup>2</sup>
Spearhead	Bayer Environmental Science	Clopyralid, Diflufenican & MCPA	4 - 5L per ha	5L	10,000 - 12,500m <sup>2</sup>
T2 Green	Sherriff Amenity	Mecoprop-P/ MCPA/Dicamba	5L per ha	10L	20,000m <sup>2</sup>
Swiftsure	Sherriff Amenity	Mecoprop-P & 2, 4-D	2L per ha	2L	14,705 - 29,760m <sup>2</sup>
Timbrel (Scrub &Brushwood)	Dow Agro Science	Triclopyr	2 - 10L per ha	5L	5,000 - 25,000m <sup>2</sup>

# Total Weedkillers

## Pure Turf Weedkillers

Pure Turf Products range of total and residual herbicides provide for the effective control of annual and perennial grasses, and broad-leaved weeds in both non-crop areas (such as roadsides, paths, hard surfaces, and along fences and walls) and for cleaning up weedy ground both pre and post planting.

Please contact your local representative for further advice on which chemical is best suited to provide the most effective control of any weeds present.

Product	Supplier	Contains	Application Rate	Pack Size	Pack Coverage
Finale	Bayer Environmental Science	Glufosinate – Ammonium	5 - 8L per ha	5L	6,250 - 10,000m <sup>2</sup>
Round-up Pro Bioctive	Bayer Environmental Science	Glyphosate	5 - 10L per ha	5L	5,000 - 10,000m <sup>2</sup>
Pistol (Non- Hazard/ Non- Irritant)	Bayer Environmental Science	Glyphosate & Diflufenican	Up to 4.5L per ha	5L	Up to 11,110m <sup>2</sup>
Clinic Ace	Nufarm	Glyphosate	5L per ha	5L	10,000m <sup>2</sup>

# Fungicides

## Pure Turf Fungicides

Pure Turf Products are able to offer a broad spectrum of chemicals for the effective control of turf diseases using some of the most up to date chemistry available to turf managers.

Please contact your local representative for further advice on which chemical is best suited to provide the most effective control.

Product	Supplier	Contains	Application Rate	Pack Size	Pack Coverage
Chipco Green	Bayer Environmental Science	Iprodione	20L per ha	1 - 5L	2,500 - 10,000m <sup>2</sup>
Heratige Maxx	Sygenta	Azoxystrobin	500g per ha	250ml	2,500m <sup>2</sup>
Banner maxx	Sygenta	Propiconazole	3L per ha	3L	10,000m <sup>2</sup>
Scorpio	Bayer Environmental Science	Trifloxystrobin (%50 WDG)	0.7kg per ha	250g	3,571m <sup>2</sup>
Dedicate	Headland	Tebuconazole/ Trifloxystrobin	1L per ha	5L	2,500m <sup>2</sup>
Instrata	Sygenta	Chlorothalonil/ Fludioxonil/ Propiconazole	9L per ha	3L	3,300m <sup>2</sup>
Astute	Sherriff Amenity	Pyraclostrobin & Tebuconazole	1.7L per ha	1L	5,882m <sup>2</sup>

To calculate the quantity required per 500 m<sup>2</sup> divide the application rate figure given above by 20.  
**ALWAYS READ THE LABEL: USE PESTICIDES SAFELY.**



# Pest Controls

The following chemicals offer the turf manager the ability to control a range of pests including worms and leatherjackets in amenity turf. Some of the products can be tank mixed in order to provide both worm and insect control in one spraying operation.

Please consult your local representative and manufacturer's information for further details.

## Pure Turf Worm Control

Product	Supplier	Contains	Application Rate	Pack Size	Pack Coverage
Mildothane Turf	Bayer Environmental Science	Thiophanate - Methyl	7.5L per ha	5L	6,666m <sup>2</sup>
Snare	Headland	Thiophanate - Methyl	7.5L per ha	5L	6,666m <sup>2</sup>
Caste-off	Nuturf	Carbendazim	4L per ha	1L	2,500m <sup>2</sup>
Caste-off	Nuturf	Carbendazim	4L per ha	5L	12,500m <sup>2</sup>

## Pure Turf Insect Control

Product	Supplier	Contains	Application Rate	Pack Size	Pack Coverage
Merit Turf	Bayer Environmental Science	Imidacloprid	30kg per ha	5kg	1,660m <sup>2</sup>
Cyren	Headland	Chlorpyrifos	1.5L per ha	5L	33,330m <sup>2</sup>
Crossfire 480	Bayer Environmental Science	Chlorpyrifos	1.5L per ha	1L	6,600m <sup>2</sup>

## Moss Control

The following chemical is a surface biocide and mosskiller for the control moss in turf or on external hard surfaces. Please consult your local representative and manufacturer's information for further details.

Product	Supplier	Contains	Application Rate	Pack Size	Pack Coverage
Soluble Iron	GB	Ferrous Sulphate	50L per ha	5L	1,000m <sup>2</sup>
MMC-Pro (hard surfaces)	Brinton	Dimethyl Ammonium Chloride	17L per ha	5L	Variable

To calculate the quantity required per 500 m<sup>2</sup> divide the application rate figure given above by 20.  
**ALWAYS READ THE LABEL: USE PESTICIDES SAFELY.**

# Wetting Agents

## Pure Turf Wetting Agents

Wetting Agents are used when the soil has become hydrophobic (i.e. water repellent) with the effects being apparent mainly during the summer months. If water is unable to penetrate and wet the soil the grass begins to suffer from drought stress and is unable to access essential nutrients.

Wetting agents will reduce the surface tension and allow water molecules to spread out and penetrate the hydrophobic soil.

Product	Supplier	Application Rate	Pack Size	Pack Coverage
Aqua Zorb Liquid	Sherriff Amenity	10 - 50L per ha	10L	2,000 - 10,000m <sup>2</sup>
Aqua Zorb Granular	Sherriff Amenity	30g per m <sup>2</sup>	15kg	500m <sup>2</sup>
Aqua Zorb Applicator	Sherriff Amenity	N/A	Each	N/A
Yucca Wetting Agent	GB	10 - 40L per ha	10L	2,000 - 10,000m <sup>2</sup>
Tricure Liquid	Headland	300ml - 1.2L per 500m <sup>2</sup>	3L	1,250 - 5,000m <sup>2</sup>
Tricure Liquid	Headland	6 - 24L per ha	10L	4,166 - 16,666m <sup>2</sup>

# Spraying Aids

ATB are able to offer a range of products designed to improve the effectiveness of spraying operations.

Product	Supplier	Application Rate	Pack Size	Pack Coverage
Grounded	Discovery	Adjuvant (For use with residual herbicides)	1L per ha	3L
Aqua Tick	Water Condition	Adjuvant (For use with systemic fungicides)	250ml per 100L	3L
Eye Spi	Farmura	Spray Pattern Indicator	100 - 250ml per 100L	1L
Foamfree	Headland	Anti-foam Agent	Variable	1L

# Line Marking

Various line marking materials are available from traditional powders to modern pre-mixed liquids which

make use of advanced concentrated products to produce brighter and longer lasting lines.

## Line Marking Powders

Product	Product Type	Application Rate	Pack Size
Superwhite Wet Powder	Powder	As Required	25kg
Easiflo Dry Powder	Powder	As Required	25kg
BMI00 Fine	Powder	As Required	25kg






## Line Marking Liquids

Product	Product Type	Application Rate	Pack Size
Pitchmaker B Plus	Liquid	1:1 Dilution Rate	15L
Pitchmaker C	Liquid	2 - 4:1 Dilution Rate	15L
Pitchmaker Super C	Liquid	4:1 Dilution Rate	15L

## Line Marking Machines

Various methods of line marking systems are available from the traditional wheel to wheel using powders and pre-mixed liquids, to the modern spray systems which make use of

advanced concentrated products, producing brighter and longer lasting lines.

Product	Picture	Primary Use	Supplier
Kombi Spray Marker		Grass, sand filled synthetic turf. 25 litre tank. Adjustable line widths and a crisp, well defined line. Use Pitchmarker C & Pitchmarker Super C.	Fleet Line Makers
Tim 2"		Grass tennis courts. 2" marking wheel as standard 2 gallon tank. Unique curved tank ensures efficient paint 'pickup' and easy cleaning. Use with Pitchmarker B marking paint and Superwhite.	Fleet Line Makers
Arnold 3"		Grass, field and track sports. 3" marking wheel as standard 3 gallon tank. Unique curved tank ensures efficient paint 'pickup' and easy cleaning. Use with Pitchmarker B marking paint and Superwhite.	Fleet Line Makers
Lionel 3" or 4"		Grass field and track sports 3" & 4" marking wheel as standard 4 gallon tank. Unique curved tank ensures efficient paint "pickup" and easy cleaning. Use with Pitchmarker B marking paint and Superwhite.	Fleet Line Makers
Malvern 2", 3" or 4"		Top class grass field and track sports 3 & 4 gallon tank. Made from stainless steel. Unique curved tank ensures efficient paint 'pickup' and easy cleaning. Use with Pitchmarker B marking paint and Superwhite.	Fleet Line Makers

# Turf Dressings & Root-Zones

## Turf Dressings

Product	Product Type	Bag Sizes	Bulk (Tonne)
Pure Turf Dressing No.1	Sterilised Turf Dressing	25kg / 1 Tonne	10 - 29t
Pure Turf Dressing No.2	Unsterilised Turf Dressing	25kg / 1 Tonne	10 - 29t
Pure Turf Dressing No.3	Unsterilised Turf Dressing with Fensoil	25kg / 1 Tonne	10 - 29t
Pure Turf Dressing No.4	Unsterilised Turf Dressing with Greenwaste	25kg / 1 Tonne	10 - 29t

## Divot Mixes

Product	Product Type	Bulk (Tonne)
Divot Mix No.1	Divot Mix with Sandy Loam	10 - 29t
Divot Mix No.2	Divot Mix with Fensoil	10 - 29t
Divot Mix No.3	Divot Mix with Greenwaste	10 - 29t

## Root-Zones

Product	Product Type	Bulk (Tonne)
Root-Zone No.1	70/30 Root-Zone with Sandy Soil	10 - 29t
Root-Zone No.2	50/50 Root-Zone with Sandy Soil	10 - 29t
Root-Zone No.3	USGA Spec Root-Zone	10 - 29t
Root-Zone No.4	Root-Zone with Fensoil	10 - 29t
Root-Zone No.5	Root-Zone with Greenwaste	10 - 29t
Root-Zone No.6	Economy Root-Zone	10 - 29t

Mixes meeting performance specification can be produced.  
Bulk loads are available from 10 - 29t





# Sands & Gravels

## Sports & Dressing Sands

Product	Product Type	Bulk (Tonne)
Leighton Buzzard DA 30 Moist Sand	Lime free, washed & graded medium fine silica sand for dressing fine turf & sportsfields	10 - 29t
Leighton Buzzard DA 37 Dry Sand	Lime free, washed & graded medium fine silica sand for dressing fine turf & sportsfields	10 - 29t
Redhill RH 3S Sportsfield Sand	Lime free, washed & graded medium fine silica sand for dressing sportsfields	10 - 29t
Redhill RH 37 Moist Sand	Lime free, washed & graded medium fine silica sand for dressing fine turf & sportsfields	10 - 29t
Kingsley Fine Washed Sand	Lime free, washed & graded medium fine silica sand for dressing sportsfields	10 - 29t

## Bunker Sands

Product	Product Type	Bulk (Tonne)
Leighton Buzzard White Bunker Sand	Lime free, washed & graded medium fine silica sand for bunkers	10 - 29t
OMR Moneystone Bunker Sand	Lime free, washed, coarse white silica sand for bunkers	10 - 29t
GS 5 Sand	Lime free, washed, medium coarse white silica sand for bunkers	10 - 29t
Jumping Pit Sand	Lime free, washed sand used exclusively for jumping pits	10 - 29t
Kingsley Fine Washed Sand	Lime free, washed & graded silica sand also can be use in bunkers	10 - 29t
Equestrian Sands	Specialist sand used for equestrian areas	10 - 29t

## Pathway Materials & Gravels

Product	Product Type	Bulk (Tonne)
Self Binding Gravel	Various grades / colours available. Used for dynamic paths and pathways.	10 - 29t
Granite Scalps	Granite scalps for use on pathways	10 - 29t
Pea Gravel 1	4 - 6 mm Gravel	10 - 29t
Pea Gravel 2	6 - 10mm Gravel	10 - 29t

# Loams, Topsoils & Barks

## Cricket Loams

Product	Product Type	Bag Size	Weight (Bulk)
County Cricket Loam (ster)	30 - 32% Clay content	25kg	Tonne
Club Cricket Loam (ster)	28 - 30% Clay content	25kg	Tonne
Kettering Loam (ster)	24 - 26% Clay content	25kg	Tonne
Surrey Loam	24 - 26% Clay content	25kg	Tonne
Ongar Loam	30% Clay content	25kg	m <sup>3</sup>
Kaloam	31% Clay content	25kg	Tonne

## Screened Topsoils

Product	Product Type	Bag Size	Weight (Bulk)
Topsoil Grade 1	6mm Screened top soil	25kg	Tonne
Topsoil Grade 2	10mm Screened topsoil	25kg	Tonne
Topsoil Grade 3	10mm Manufactured soil	25kg	Tonne
Sandy Soil Grade 1	10mm Screened sandy soil	25kg	Tonne
Sandy Soil Grade 2	20mm Screened sandy soil	25kg	Tonne

## Composts & Barks

Product	Product Type	Bag Size	Weight (Bulk)
Composted Greenwaste	10 - 0mm	40L	m <sup>3</sup>
Border Bark	Various	80L	m <sup>3</sup>
Ornamental Bark	Various	80L	m <sup>3</sup>
Play Grade Bark	Various	80L	m <sup>3</sup>



# Quantity Calculator

In order to calculate the quantity of bulk material required in cubic metres or tonnes, please use the following calculations; Please note: All measurements should be converted into metric before you begin.

## 1. Calculate the volume required in cubic metres (m<sup>3</sup>).

$$\text{Length} \times \text{Width} \times \text{Depth} = \text{Volume (Loose)}.$$

In order to allow for consolidation this figure should be multiplied by 25 - 30%. This is all that is required if the material you require is sold by volume (i.e. m<sup>3</sup>).

## 2. Convert the volume (m<sup>3</sup>) required to tonnes.

If the material you require is sold by weight (i.e. tonnes) rather than volume (i.e. m<sup>3</sup>), then you will need to make the following further calculation to the one carried out above;

$$\text{Volume (m}^3\text{)} \times \text{Conversion rate (Tonnes)} = \text{Tonnage required.}$$

## 3. Conversion Rate Chart

To be used when converting volume to tonnes for the following materials;

Material	Cubic Metres	Conversion Rate
Topsoil	1m <sup>3</sup>	1.3 tonnes
Cricket Loam	1m <sup>3</sup>	1.3 tonnes
Turf Dressing	1m <sup>3</sup>	1.4 - 1.5 tonnes
Root Zone	1m <sup>3</sup>	1.4 - 1.5 tonnes
Sand	1m <sup>3</sup>	1.6 - 1.8 tonnes
Fen Soil	1m <sup>3</sup>	1.0 tonnes
Peat	1m <sup>3</sup>	0.4 - 0.5 tonnes
Composed Greenwaste	1m <sup>3</sup>	0.5 - 0.7 tonnes

Remember to allow 25 - 30% extra for consolidation as part of your calculation.

## 4. Bark Coverage Calculators

Coverage per m <sup>3</sup> fo bark				
Depth in mm	100	150	200	5
Area covered m <sup>2</sup>	10	6.6	300	3.3

# Conditions of sale/contracting



## General Interpretation

These are the Terms and Conditions of trading of ATB Sports Solutions LLP – hereafter known as the “Company”  
Definitions used in these terms and conditions shall bear the meaning given to them on the face of this document.

In addition the “Specification” and the “Quotation” shall mean the Specification and Quotation specified on the face of this document.

These conditions apply to anyone (hereinafter referred to as The Customer) receiving a quotation from, placing an order with or entering into a contract of sale with the Company and shall prevail over any contradictory terms and conditions sought to be introduced by the Customer. The expression “the Goods” includes all goods, products, minerals, supplies and services sold to any Customer.

No addition or variation in the contract created by Customer's acceptance of this document shall be binding unless agreed in writing by the Company.

## Commencement of Works

Unless a specified date or period of commencement of work has been agreed between the parties the Company shall commence work as soon as he finds it practicable for him to do so. The customer shall make all the arrangements reasonably required by the Company and without charge to enable the Company to commence work on arrival of workmen and/or materials.

## Quotations and Price Lists

All prices included in price lists and on quotations are exclusive of Value Added Tax.

Any quotation for materials is made at prices applicable to the quantities specified. In the event of the whole order as quoted not being placed with us, we reserve the right to revise our prices in respect of materials actually supplied. In any event, an extra charge will be made when the customer requires deliveries to be made in quantities less than a full lorry load of 16 tonnes.

Any statement in any quotation or contract made by us as to the time or date of delivery of materials or for completion or any work is to be treated as an approximate estimate. We can accept no responsibility if we are delayed or prevented directly or indirectly from delivering materials owing to the same not being available in the quantities needed or owing to labour disputes, civil commotion, fire, accident, breakdown or machinery, shortage of labour, force majeure, or any cause beyond our control.

Waiting time will be charged to the customer for time in excess of 20 minutes on site.

Title to goods shall not pass to the buyer until payment (including any interest due) has been made for those goods. Furthermore the Company reserves the right to reclaim those goods where payment has not been received within the agreed credit limits.

## Payment

Customer agrees that he will pay the contract sum together with any V.A.T. properly chargeable upon the contract sum within the Term period specified on each individual invoice.

The Company reserves the right to revise the rates stated in the Quotation consequent upon any increase in the cost of materials, goods, services, transport or other unforeseen contingencies.

The said rates are based on the assumption that the soil and site conditions are as notified by the Company before the date of the Quotation.

If the Company encounters any rock or running sand, bog or other harmful materials or obstruction not previously notified then the quoted rate may be amended to take account of incurred costs to the Company in carrying out the works.

Unless otherwise stated accounts are payable within 14 days of invoice date.

## Suspension of Work

The Company will be entitled to suspend work for the following eventualities:-

- Until payment in full is received from any interim invoices submitted in accordance with the payment terms specific to the Customer
- A winding up order being made or resolution passed against Customer.
- Any termination or suspension shall be made without prejudice to any payment claim the Company might have.
- The Company will be entitled to full payment as specified in the quotation for work done and materials supplied up to the date of suspension.

## Risk and Title of Goods and Materials

Any materials delivered to the customer's premises or a site or sites designated by the Customer become the responsibility of the Customer. The Company is not responsible for any loss damage pilfering or extra expense caused by such losses after delivery of materials to site.

The risk in the Goods or Materials passes to the Customer on delivery/collection (whichever is the earlier) but shall remain the sole and absolute property of the Company as legal owner until such time as Customer has paid to the company the full price of the materials together with the full price of any other goods the subject of any other contract with the Company.

The Customer may use the Goods in the course of his business but the right to use or continue using or to deal with the Goods shall cease if the Receiver is appointed of any of the Customer's assets, the Customer commits an Act of Bankruptcy or enters into liquidation or the Company sends written notice to the Customer revoking his right to use the Goods.

Upon such an event occurring the Customer shall return the Goods to the Company and in default the Company may for the purpose of recovery of its Goods or materials supplied to Customer, enter any premises where they are stored or where they are reasonably thought to be stored and may repossess and resell the same. The Company may bring an action for the price of the Goods at any time after the price is due.

## Delivery Access and Unloading

Except where the delivery/collection is stated to be the “essence of the contract” no liability is accepted for delivery/availability for collection and (subject to the flowing) the same does not entitle the Customer to cancel his order/contract. Orders/contracts may be cancelled if delivery/collection is delayed for more than 4 weeks by either party.

The Customer is responsible for ensuring suitable access and unloading facilities (including personnel) at the delivery point. There may be an additional charge if extra costs are incurred or time wasted due to difficulties with delivery.

The Company shall not be liable to make up short measures of the goods supplied unless advised of these within 3 days of delivery/collection.

## Defects and Replacements

The Company will rectify or (at its discretion) replace the whole or any part of the Goods which are defective due to poor or incorrect materials being used or which fail to comply with written specification provided that:

1. Notification of the defects is given to the Company as soon as they become reasonably apparent (and in any event within 4 weeks of delivery/collection).
2. The Company has reasonable opportunity to examine the Goods and the defects are known to have been present at delivery/collection.
3. The Goods are in the same condition as at delivery/collection and (if the Company decides on a replacement) are capable of being returned.
4. The Goods have been used in a normal manner.
5. Any Goods replaced become the property of the Company.
6. Save as referred to above the Customer is responsible for checking that the Goods are suitable at the time of delivery/collection and the Company accepts no responsibility for any loss or damage, nuisance interference or wastage of materials whatsoever due to the quantity, quality, difference from description or specification or composition of the Goods supplied (save for personal injury or death caused by the Goods due to the Company's negligence).

7. The customer is responsible for ensuring the suitability of the Goods and also the suitability of the Goods in conjunction with any other Goods with which they are to be mixed or used. Accordingly, no condition, warranty or other terms expressed or implied, (by statute or otherwise) is given that the Goods (or any other Goods used in conjunction with the Goods) will be suitable for any particular use or purpose or that they will enable the customer to obtain any particular results or that they are suitable for use under specific conditions or provide any advice or information on these matters. Any representation made by or on behalf of the company is given on the understanding that the Customer will use his own skill and judgement before relying on the same and the Company accepts no liability for any inaccuracies in such representations.

8. To the extent that the Company is held liable to the Customer for any negligence, default, breach of duty or contract or misrepresentation, the liability of the company shall be limited to the value of the contract/order in relation to which the same occurred or £1000 (whichever shall be the greater) and in the event that any of the preceding sub clauses shall be deemed omitted from these conditions

## Force Majeure

The Company shall not be liable in the event that delivery/collection of the Goods is prevented or delayed for any cause beyond the company's reasonable control of the force majeure or unavailability of supplies.

## Small Order Surcharge

The Company reserves the right to apply a small order surcharge to any individual order with a trade value of less than £150.00 exclusive of V.A.T.

## Non Payment of Invoices

The Company reserves the right to charge compound interest at the rate of 2% per month on any invoiced amount, which remains unpaid by the due date as advised on the invoice.

## Termination

The Company reserves the right to terminate the contract/order in the event that there is reasonable cause to believe that the price of the Goods will not be paid in full when due. In such circumstances the Company reserves the right to recover the value of any work on the Goods to be supplied which has already been undertaken, the price of Goods already supplied, the costs already incurred and any loss of profits to the Company consequent upon such termination.

## Assignment

The Company reserves the right to assign invoices raised further to the contract and the Customer undertakes to comply with reasonable requests from the assignee.

We do not undertake to deliver/collect any load over roads or other ground which we consider to be unsuitable. If a vehicle used for performing our contract with any customer delivers or collects a load to or from a place situated off a public road, the customer is to be solely responsible for any accident or damage resulting in consequence. Where the customer is suing his own vehicle to deliver or collect any load the customer shall be solely responsible for any accident or damage arising in consequence. The customer is to provide free of charge reasonable assistance in unloading.

In no circumstances whatsoever except in respect of negligence resulting in death or personal injury, shall our liability (contract tort or otherwise) to the Customer arising under out of or in connection with any goods materials supplied exceed the price of the particular materials in regard to which complaint is made. We are not under any circumstances to be liable for any consequential loss or damage caused or arising by reason of late supply or any fault, failure or defect in any materials or goods supplied by us or by reason of the same not being of the quality or specification ordered or by reason of any other matter whatsoever.

The customer must be responsible for the suitability of the materials he orders. No claim on any ground other than alleged defective materials will be entertained.

All orders are accepted by us subject to the materials or goods ordered being available when required in the quantities needed. Where specific quantities are ordered or specified by the customer, it is the responsibility of the customer to order such volumes as may be required. Where volumes are specified either by the customer or the company, they will be quoted either by metric weight, or in the case of loose bulk materials (bark, compost etc.) according to the methods in force as specified by British Standards (BS EN 12580:2000).

Unless otherwise expressly agreed in writing our prices only cover delivery and working on normal working days and during normal working hours. All deliveries made or work done at the customer's request on Bank Holidays, Sundays, and Saturday afternoons and outside normal working hours will be subject to extra charges.

## Limitation of Liability

The Company shall carry out the works as stated in the quotation with reasonable care and skill. If Customer deems the work not to be of a reasonable standard he will immediately or within 14 days of the date of final invoice on completion of the works notify in writing to the Company any such defects. The Company will examine same and should any examination show any failure to comply with the quotation shall repair or make good the relevant defect.

The Company will accept no liability whatsoever in the following:

Damage or defects caused by Customer

Damage or defects caused by circumstances beyond the control of the Company.

Damage caused to cables, gas, water, electric mains or sewers or any underground services, specialised sports playing surfaces or job specific materials, the existence, location and depth which has not been disclosed to the Company in writing 7 (seven) days prior to commencement of works. The failure of any drainage system to provide adequate drainage where such defect is mainly due to the design upon the basis of which the drainage was installed unless the design was that of the Company in which case the Company shall not be exempted from liability except where the design was aimed at keeping costs as low as possible for Customer and Customer was warned in writing that the design might be inadequate for his purpose.

Settlement of fill over drain runs or gravel in slits unless a specific agreement has been made in the quotation.

## Indemnity

Customer shall indemnify the Company against all liability loss damage or cost incurred by the Company by reason of:

Any act of missions occurring during the execution of the works or the Company compliance with its obligations hereunder insofar as such liability loss damage or cost has been caused by the negligence or fault of the Customer his employees or agents.

Any claims made by a third party against the Company in the course of or arising from the execution of the works, act or omission occurring during the course of the Company compliance with its obligations.

## Miscellaneous

If any provision of these terms and conditions shall be determined to be invalid or unenforceable or illegal then this shall not affect the validity of the remaining provisions of the above terms and conditions which shall be interpreted as if such provisions had not been inserted.

## Customers (principally golf clubs) undertaking

Customer undertakes to provide adequate warning to their personnel including their own customers to heed caution during the Company execution of the work and to respect the safety of the Company employees whilst executing the work. Any damage to vehicle, machinery, or personnel will be chargeable to Customer.

## Job Specific Terms and Conditions

Please note these are standard terms and conditions. Job specific terms and conditions may apply and will be detailed in writing before commencement of any work or ordering of materials.





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