

COMBATING BLACK GRASS WITH ULTRA-SHALLOW TILLAGE

BLACK GRASS – Alopecurus Myosuroides Huds – is one of the biggest agronomic challenges facing UK arable farmers today.

This invasive weed thrives on heavy soil, particularly where drainage is poor. On light soils it's a problem in wetter areas. About 80 per cent of seeds germinate in the autumn – hot, dry summers see strong early autumn-germination, while cool, wet autumns usually result in increased dormancy and delayed germination. The seeds can remain dormant for up to 20 years and the plant is becoming increasingly resistant to herbicides.

If left untreated, black grass will vigorously compete with the crop, contaminating it and reducing yield. Effective control is therefore a must and Väderstad has developed a unique ultra-shallow tillage system to help combat it.

The first step in identifying and removing black grass is to encourage it to germinate. More than 90 per cent of the seeds germinate at a depth of 2 to 2.5cm and germination is triggered by light, so to bring the seeds to the optimum depth, as well as ensuring good seed-to-soil contact, Väderstad has designed the **CrossCutter Disc** which provides full cut-out at only 2-3cm working depth over the full working width.

Each CrossCutter Disc has an 11.5cm wide contact area to the soil

and is individually mounted on its own rubber suspended disc arm which enables the discs to follow the ground contour accurately, thus ensuring very even results. The Cross Cutter discs can be fitted to the Väderstad Carrier disc cultivator which is available in 3 to 12m working widths.

This ultra-shallow tillage ensures the seeds will germinate into a stale seedbed when you want them to. The CrossCutter disc's unique cutting intensity crushes, chops and mulches in one single pass and any residual black grass can then be treated easily with herbicides.

The CrossCutter Disc is excellent in oilseed rape stubble and in cover crops, while also enabling great advantages in grain stubble and on cultivated land, encouraging fast residue breakdown and providing great conditions for the next crop.

It has also been proven that the optional straw harrow fitted to the front of a Carrier with CrossCutter discs will germinate more black grass.

Because CrossCutter Discs move substantially less soil than conventional discs, it also means that less fuel is used, but that doesn't mean it's slow – far from it – the recommended working speed is 15-20km/h.

For full details of black grass control methods and the full range of Väderstad machinery, please contact your T H WHITE Agriculture rep or your local branch (Telephone numbers overleaf).

VÄDERSTAD
CrossCutter Disc



Rapid RDA600S seed drill



TD400 TopDown cultivator



SEE FOR YOURSELF

T H WHITE's 2019 season Demonstration Fleet includes the Väderstad TD400 TopDown cultivator and the Rapid RDA600S seed drill.

SEE FOR YOURSELF JUST WHAT THEY CAN DO. YOU CAN REQUEST A DEMO ONLINE AT www.thwhiteagriculture.co.uk/get-in-touch OR BY CALLING YOUR AGRICULTURAL REP.

VÄDERSTAD

T H WHITE
AGRICULTURE

CULTIVATION PARTS AT SPECIAL PRICES!



CROSSCUTTER DISC

By opening up the possibility to perform an intensive full tillage at ultra-shallow working depth, the CrossCutter disc has positioned itself as the next revolution in the disc cultivator sector. Its unique cutting intensity crushes, chops and mulches in one single pass.

For Carrier s/n 6300>



WAS £52.90 £44.00

COULTER DISC



The Väderstad discs are manufactured from high quality V-55 Swedish steel at the fully-owned Väderstad genuine parts manufacturing SPH (Svensk Presshårdning), located close to the factory and head office in Sweden. The production reflects the same top-of-the-line product philosophy as all Väderstad products, which altogether guarantees the best value available in the market place.

For Rapid s/n 1500 - 16000

**WAS £24.90
£20.50**

MARATHON POINT £55.00 50/80mm Normal retail £64.90

Reinforced hard metal in Wolfram carbide gives Marathon a lifetime 8 - 10 times longer than a standard point. Preserved sharpness ensures correct attack angle and working depth, which provides optimal soil quality across the whole surface.

For Cultus, Opus, Swift and TopDown.



MARATHON POINT 80mm

WAS £67.90 £58.00

MARATHON BREAKMIX POINT

The BreakMix point combines the advantages of breaking compactions with a very intensive mixing. BreakMix adds versatility, lowers input cost and more importantly improves the agronomical working results. The BreakMix point is intended for primary or secondary tillage, on farms with heavier soils with risks of compaction.

For Cultus, Opus and TopDown



**WAS £68.90
£60.00**



COULTER

Recurrent tests demonstrate that Väderstad's specially hardened coulters with hard metal plates in wolfram carbide generate the best drilling precision and work results across their entire service life.

For Rapid s/n 899 >

WAS £35.90 £30.00

Offers valid until 30 September 2019. Subject to availability

Prices shown exclude VAT. Subject to availability and change. E&OE

Contact T H WHITE's Parts Departments:

Frome, Somerset	01373 465941	Huntley, Glos	01452 830303
Knockdown, Tetbury, Glos	01454 238181	Devizes, Wilts	01380 722381
Toddington, Glos	01242 620211	Stockbridge, Hants	01264 811260
Marlborough, Wilts	01672 512328	Hereford, Herefordshire	01432 352333

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