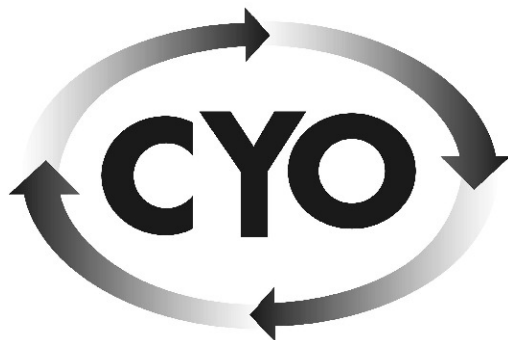


**THE MOBILE SEED  
&  
GRAIN PROCESSORS**



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ISSUE 87

NEWSLETTER

July 2022

## **THE REAL COSTS OF CUTTING BACK!**

### **BARN DIPPING - IS IT WORTH THE RISK?**

Most input costs are rising sharply, some farmers may well look to grab their wheat/barley seed out of the shed this year. Is it really worth the risk and what are the perceived savings?

Let's consider the advantages of barn dipping:-

1. **You think it saves you money** (the royalty will still be due to the BSPB!)

Let's consider the disadvantages of barn dipping:-

1. If you don't have it processed then **you'll be planting any harvested weed seeds as well**. Some of which may well be there because they **couldn't be controlled by spraying** so you'll be **contaminating more of your fields!** As well as giving the actual seed more competition for moisture, the weeds will compete for light and nutrients. **All resulting in reduced yield!!**

2. **Grading/gravity selecting the seed will give you the biggest boldest and most viable seeds**. Otherwise you'll be planting variable sized seed and **shrivelled seed (which often harbour diseases)** alongside one another, resulting in patchy establishment, inconsistent crops and again, **reduced yield**.

3. If it's a second wheat situation you'll have **no Take All control**, resulting in major **loss of yield**.

4. Even **seed testing doesn't allow for the yield/quality grabbing soil borne diseases which can reduce yields significantly** if the seed isn't **protected by a seed dressing**.

5. False tramlines caused by **blocked coulters** means **you'll be the butt of many jokes** and again ultimately **results in yield loss**.

**Barn dipped seed related yield losses can easily add up to 25%+ of the potential crop**. If for example you consider a very small loss of 100kg/ac (250kg/ha) (for easy working out) it relates to a lot of money lost. So, when you're merrily combining your field of wheat, getting an average yield of 2.9t/ac (7.25t/ha) instead of 3.0t/ac (7.5t/ha), **would you even notice or consider that the 100kg/ac (250kg/ha) loss was probably due to the barn dipped seed? Over 10ac (4ha), that's a ton you've lost, and that's only looking at a very small loss in yield - it could easily be much worse!!**

Following on from the example above, **barn dipping** in the current climate can't be worth it when **you're almost guaranteed to lose a minimum of £25/ac (100kg/ac) or £62.50/ha (250kg/ha) trying to save yourself on average £8/ac or £20/ha on processing and dressing costs**. Especially with commodity prices as high as they are at the moment even a small loss, that you didn't even know you'd lost, makes a significant difference to total farm profit. This is **often compounded by the farmer buying "new!" certified seed the following year because he's fundamentally disappointed with his yields**. If it wasn't for the barn dipped seed, it would've probably been fine. **Barn Dipping costs you money!!**

### **CYO AT THE SHOWS IN 2022**

CYO Seeds (Midlands) Ltd's had a busy year on the show scene. **We've been at LAMMA, Cereals and The Royal Norfolk Show. We've still got the Midland Machinery Show in November**. As always it was great to see so many of our customers, old and new, drop in and have a friendly chat. As you can imagine, with all the other things going on in the world, a lot of the conversation points weren't exactly focused on seed processing. However, most had a common theme, with the cost of everything going up and up, **everybody was looking to save money by doing more Farm Saved Seed and buy in less Certified seed this year**.

### **PREFERRED SEED PROCESSORS**

As lots of you group members will already know, **CYO Seeds (Midlands) Ltd** are one of the **preferred mobile seed cleaners for The AF Group, Woldmarsh, Agricure, Velcourt, Ouse and Cherwell, Agrevis and others**. We consider *quality and service* to be our most important attributes.

### **FARM SAVED SEED (FSS) AND SMALL GRAIN**

We're told that the trade is expecting a glut of small seed this year due to the weather conditions. This will have it's own quality and cost implications for their customers. Whereas, when you **FSS your own seed it can be processed to within an inch of its life to get the best seed out of your sample**. The cleanings just go back on your heap to be sold as usual.

### **DOES UGLY SEED GROW AS WELL AS PRETTY SEED?**

Last year the NAAC commissioned SGS (a leading UK inspection, verification, testing and certification company). The brief was to conduct field trials on wheat and barley based on varying seed size fractions and the difference between treated and untreated seed. At the time of going to press we're still awaiting the official yield results but as they stand in the field at the moment, there's significant differences between the various trial plots in terms of health, establishment/crop thickness, number and size of heads and potential yield. **With the biggest boldest treated seed looking by far the best**. We're sure that the results will go against a saying we were told many years ago by an old farmer "Ugly grain grows just as well as pretty grain you know" **Thankfully, unless instructed otherwise, we're in the business of producing pretty grain**.

### **GERMINATION TESTS-EXTREME HOT WEATHER AND DORMANCY ISSUES**

We get hundreds of seed samples to test, the vast majority of them are absolutely fine. However, this year we've seen some extremely high temperatures which might well result in the seed having dormancy issues. **The implications of extended dormancy could be that the seed might take up to 10 days or more to germinate. There's probably nothing wrong with the seed if this occurs, you've just got to be aware this could happen**. You've also got to be aware of this with DIY germination tests and/or professional testers. Both can result in an incorrect low germination/vigour results if not allowed for properly.

For your own peace of mind, send us a representative sample(s) of your seed lot(s) for testing. Remember, the Sample(s) should be taken from random places throughout each seed lot. **Don't forget to label them!!**

### **CYO WINTER CROP REFORMULATED (WCR) AND MANGANESE**

Our plant micro nutrient/stimulant **WCR was used extensively last Autumn and Spring**. Farmers have **tried it and they've seen the difference it makes, getting the seedlings up and away** and playing its part in keeping the plant healthy. If you traditionally use manganese it's probably **worth swapping to WCR** as it contains virtually the same amount of manganese, it only costs about £1 per acre more and you get the added benefits of the other nutrients it contains (see over). **Farmers love it**.

### **WE SELL CERTIFIED SEED**

Please don't forget that we also sell certified seed. Whether it's OSR, Wheat, Barley or whatever. Please give us a call. You might even get a pro rata discount on your farm saved seed.

**What have you got to lose? Give us a call!!**

**CYO SEEDS (MIDLANDS) LTD**

**Incorporating - TV & JA ROGERS, CYO SEEDS (NORTH), AGRIDRESS and REDFERN SEEDS**  
**Head Office - Station Road, North Kilworth, Lutterworth, Leics LE17 6JB.**

# KEY SEED DRESSINGS & ACTIVITY (2022 Edition)

SEED TREATMENTS COVERING SEED BORNE AND SOIL BORNE DISEASES ARE A ONE TIME ONLY OPPORTUNITY TO CONTROL THOSE DISEASES - NO FOLLOW UP SPRAY WILL CONTROL THEM NOR HAVE ANY EFFECT ON THEM.

We offer all the commercially available seed treatments

## OILSEED RAPE

### Winter Crop (Reformulated) (WCR):

Seed/plant nutrient complex in Chelate form which is bound with organic plant acids and amino acids, containing:- phosphorous 250g/t, potassium 162.5g/t, manganese 420g/t, sulphur 290g/t, magnesium 50g/t, zinc 12.5g/t and nitrogen 137.5g/t.

**Reformulated to increase the nutrients available to the seedling and growing seedling/plant. It aids establishment, increases plant vigour, stimulates root growth, improves soil nutrient uptake and increases plant green area significantly. It has no issues regarding seed flowability etc. This is used on just about all the rape we do now. It helps in the ongoing fight against flea beetle as it gets the young plants off to a flying start and keeps them going so you at least have a plant to spray!! I'm sure it will be very popular again this year and it only costs pence per kg.**

### Rape Manganese:

Seed/plant nutrient in Chelate form which is bound with organic plant acids and amino acids, containing:- manganese and sulphur.

**From the same stable as WCR with the same favourable characteristics, containing 450g/t Manganese, 240g/t Sulphur. A widely used targeted micro-nutrient to improve establishment in manganese deficient soils. It's a preventative measure rather than a curative spray application.**

### CYO Phosphite:

Phosphite micro-nutrient dressing that's nearly as good as our WCR. **For those who want to spend more on a phosphite dressing!**

## CEREALS

### Single Purpose Dressings (SPD):

**Used as a low cost insurance against standard seed borne and stem based diseases. (Cheapest crop insurance you'll ever buy)**

**On Wheat:** Prepper, Beret Gold, Redigo Pro, Rancona i-Mix, Difend Extra, Fountain, Protect Plus and Celest Extra For seed/soil borne Bunt, Fusarium Foot Rot and Seedling Blight, Snow Mould with some also covering Septoria Seedling Blight, Blue Mould, Loose Smut and some helping to reduce Microdochium Nivale.

**On Barley:** Rancona i-Mix, Fountain, Protect Plus and Raxil Star and Redigo Pro. For seed borne Fusarium Foot Rot and Seedling Blight, Leaf Stripe, Snow Mould, Loose Smut, Microdochium Nivale with some covering Net Blotch and some helping to reduce Covered Smut.

**On Oats:** Prepper, Beret Gold, Fountain, Protect Plus, Redigo Pro, and Celest Extra. For seed borne Fusarium Foot Rot and Seedling Blight, Pyrenophora Leaf Spot and Snow Mould.

**On Rye:** Prepper, Beret Gold, Redigo Pro, Fountain, Protect Plus and Celest Extra. For seed borne Fusarium Foot Rot and Seedling Blight, Bunt and Snow Mould with some also covering Septoria Seedling Blight and Stripe Smut.

**On Triticale:** Prepper, Beret Gold, Redigo Pro, Fountain and Protect Plus. For seed borne Fusarium Foot Rot and Seedling Blight, Bunt and Snow Mould with some covering Septoria Seedling Blight.

### Kinto Plus: NEW LAST YEAR AND HAS PROVEN TO BE VERY POPULAR ON BARLEY DUE TO THE LOOSE SMUT AND LEAF STRIPE COVERAGE

**Winter Cereals - Wheat, Barley, Oats, Triticale and Rye. Containing Triticonazole, Fludioxonil and the SDHI Xemium.**

Covers all the cereal seed borne diseases, with 5 stars on Loose Smut and Leaf Stripe on barley. **Improves general plant vitality, root growth and stress resistance. Will be a very good barley dressing to cover Loose Smut and Leaf Stripe. Has been suggested that it has some foliar activity but this is not claimed on the label.**

### Vibrance Duo:

**(Winter & Spring Wheat, Winter Triticale, Winter Rye, Winter and Spring Barley and Spring Oats) A great product containing Beret Gold and an SDHI called Sedaxane (not counted as part of the SDHI spray program). The Beret Gold element covers all the basic seed borne diseases, whilst the SDHI element enhances the disease control profile, improves rooting, aids establishment and has the advantage of increasing the plants root mass and green area leading to a significantly stronger and healthier plant, which in turn results in an increased yield over the SPD's alone. Combine Vibrance Duo with our Winter Crop Reformulated (WCR) for a winning combination.**

### Signal 300ES: (Insecticide only)

**Wheat Bulb Fly and Wireworm only (no SPD element) and is normally co-applied with one of the SPD's or Vibrance Duo. We've had lots of customers ask us what they can do about Wireworm in their cereals due to blackgrass, Signal is the answer. Has been shown to have some effect in reducing slug damage.**

### Latitude: Take-all only

**Primarily used on second wheats or second cereal crop grown in the same year eg. winter wheat after spring wheat. It helps to give yields close to that of first wheats. Needs to be co-applied with a SPD, Kinto Plus or Vibrance Duo to reduce the possible stress on the plant due to seed or soil borne diseases.**

### Winter Crop (Reformulated) (WCR):

**Much the same as the rape dressing, has the same benefits for cereals (Winter or Spring).**

Seed/plant nutrient in Chelate form which is bound with organic plant acids and amino acids, containing:- phosphorous 250g/t, potassium 162.5g/t, manganese 420g/t, sulphur 290g/t, magnesium 50g/t, zinc 12.5g/t and nitrogen 137.5g/t.

**Extensively now on most of the cereals we process as the benefits of applying micro-nutrients directly onto the seed are becoming more apparent. It aids establishment, increases plant vigour, stimulates root growth, improves soil nutrient uptake, promotes good plant health and increases plant green area significantly, which also helps in the fight against black grass by smothering out weeds. Interestingly we actually applied quite a lot on Beans this year with some very promising comments and results. **WCR has proven its worth every year and has now established itself as a very effective and important product.****

### Cereal Manganese:

Seed/plant nutrient, Chelate form which is bound with organic plant acids and amino acids. **This is much the same as the Rape Manganese containing 450g/t Manganese, 240g/t Sulphur. Used as a targeted micro-nutrient on manganese deficient fields as a preventative measure rather than a curative spray application. Widely used on cereals for improving establishment.**

### CYO Phosphite:

Phosphite micro-nutrient dressing that's nearly as good as our WCR. **For those who want to spend more on a phosphite dressing!**

## PULSES

**On Beans:** Winter Crop Reformulated (WCR) (now being widely used with good results) and Manganese.

**On Peas:** Winter Crop Reformulated (WCR) (they still need nitrogen as a seedling) and Manganese.

**Bank Details: Sort Code 40-32-04 Account No 31568140**

We hope you find our newsletters of legitimate interest. Please let us know by email or telephone if you no longer wish to receive our newsletters.  
(Any information we hold will not be passed on to a third party)