



## High Erucic Oilseed Rape Establishment Bulletin

01/19

This is the first agronomic bulletin for Winter HEAR grown for harvest 2020. Bulletins are issued by Premium Crops throughout the growing year, from drilling right through to combining. Bulletins are designed to aid agronomists and growers in the decision making process of growing oilseed rape, thus making it as easy and successful as possible.

### Seed Deliveries

Seed deliveries are underway, *please factor in seed bed conditions and drilling date. Drill seeds at 50 seed/m<sup>2</sup>. Please remember seed comes in 1.5million seed packs which are enough to plant 3ha.*

### HEAR Varieties

Variety	Seed yield	Height	Maturity	Autumn Vigour	Spring Vigour
<b>Eraton</b>	94%	153cm	Early—Med	6	6
<b>Palmedor</b>	97%	156	Early—Med	6	7
<b>Ergo</b>	107 %	151cm	Early	7	7
<b>Rocca</b>	99%	156cm	Early	7	7
<b>PH402</b>	104%	153	Early	7	7

### Seed Bed Preparation

Prior to drilling, please ensure a stale clean seed bed to allow for the flush of weeds to come through (spray with glyphosate).

### Drilling Date

*(This varies depending on seed bed conditions, pest pressure and*

Region	Earliest time to drill	Latest time to drill
<b>North</b>	Mid August	Early September
<b>South</b>	Late August	Mid September

*moisture availability)*

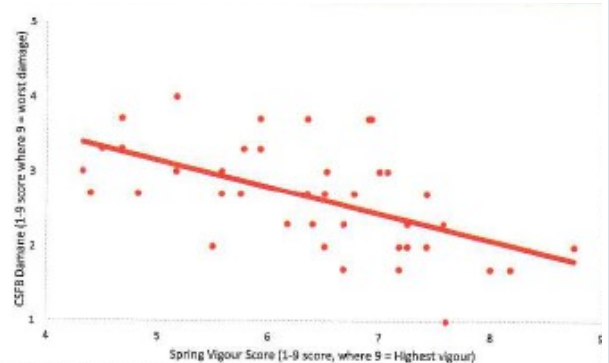
It is key to retain and protect moisture with a fine firm tilth.

### Sowing depth and drill width:

⇒ Drill at 2-3cm with a 30cm—50 cm drill width

### Drilling Techniques

- ⇒Direct drill into stubble
- ⇒Sub casting
- ⇒Auto cast
- ⇒Non Inversion tillage



Data source: Mean of four sites (Kent, Wiltshire, East Yorkshire and Lincolnshire)  
Figure 2— CSFB larvae damage v speed of development in the spring.  
Source Agrii 2019





### Cabbage stem flea beetle

It's certainly been a challenging year for oilseed rape as a whole, 2018 provided us with a mild autumn, winter and spring. This encouraged CSFB to breed and multiply on crops that struggled from lack of moisture. Rest assured hybrids offer a brighter better future with outstanding seed vigour. Drill date and seed bed moisture are the key for establishment for oilseed rape.

#### Things to consider :

- ⇒ Is there adequate moisture? Drilling conditions are more important than dates for establishment
- ⇒ Drill from the 15th August 2019 onwards
- ⇒ Late drilling
- ⇒ Soil bed quality, moisture and nutrient availability is essential for the best possible establishment
- ⇒ Aim for a fine firm moist tilth to encourage rapid establishment
- ⇒ Monitor the weather
- ⇒ Do not drill high seed rates as an attempt to mitigate CSFB, this has been shown to have no effect on crop survival
- ⇒ Prevent using the same pyrethroids active in sequence for control of CSFB
- ⇒ Spray at night

Recent research by AHDB and ADAS has found delaying drilling dates, good vigour and leaving volunteer OSR can reduce CSFB larvae burden on crops (see Figure 1). The volunteer OSR act as a trap crop, where the adults fly in and feed on the volunteers. Delaying control of volunteers until late September can reduce the number of adult CSFB in new crops.

Delaying drilling has also been recommended as a means of missing the main CSFB migration into crops. This has the added benefit of reducing disease risk, such as clubroot and LLS because of lower soil temperatures and less crop to allow LLS inoculum to build up. Leaving volunteers from HEAR crops reduces the chance of cross pollinating with any 00 OSR crops grown in the same field in the following seasons. With delayed drilling it is important hybrid varieties with good seed vigour in autumn and spring are used to grow away from any CSFB damage that does occur.

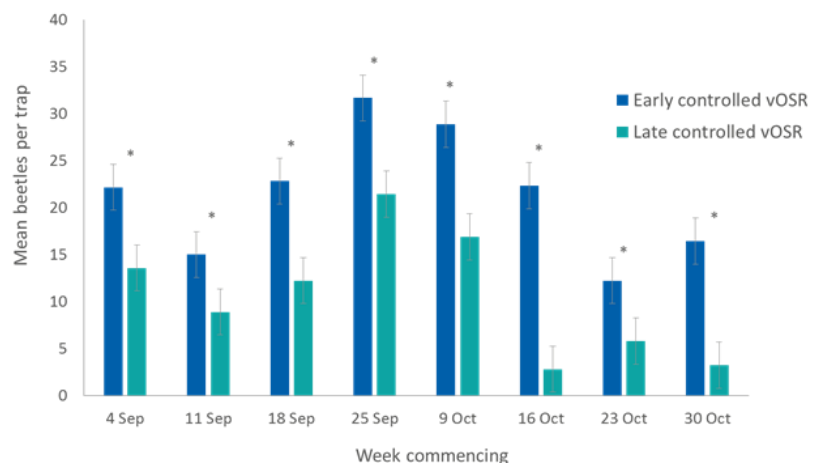


Figure 1– Impact of volunteer OSR on numbers of adult CSFB.  
Source ADAS 2019, as part of AHDB funded project

**Autumn Fertiliser Planning**

Incorporating 20-25kg/ha N and 30kg/ha of P near the seed bed whilst drilling, offers potential for easy access of nutrients for establishment. Please factor in prior crop available N. Apply DAP into the seedbed during drilling promotes and boosts growth.

**Pesticide Management**

**Slug control**

Growers are urged to use up the remainder of metaldehyde before 30th June 2020

When selecting the product of choice, please consider a good quality ferric phosphate that offer palatability, durability and a higher baiting point. Continue to watch slug thresholds (4 per a plant)

Product	Rate	Timing
Iron flexx	7kg/ha	After sowing
SluXX	7kg/ha	After sowing
IronClad	7kg/ha	After sowing

**Aphid control**

Monitor aphid populations on young oilseed rape plants and factor in the resistance to pyrethroids against turnip yellows virus. The only approved options for control are; Plenum (pymetrozine) and Biscaya (Thiacloprid).

*Find out more at <https://ahdb.org.uk/aphid-news>*

**Pre-emergence Herbicides**

Product	Active	Rate	Target	Timing
<b>Crawler</b>	carbetamide	3kg/ha (1 treatment) 1.5kg/ha (split treatment)	Grassweeds and broadleaf weeds	Pre and post emergence herbicide. Latest application: 28th February .
<b>Centium / Blanco</b>	Clomazone	0.33l/ha	Broadleaf weeds	GS 00-12
<b>Butisan S</b>	Metazachlor	1.5l/ha	Black grass and broadleaf weeds	GS 00-12
<b>Luna/ Kattermaran</b>	Metazachlor, quinmerac and dimethenamid-p		Broadleaf weeds	Pre and post emergence herbicide.
<b>Springbox</b>	Dimethenamid-p – metazachlor	2.5l/ha	Grassweeds and broadleaf weeds	Gs 00-17

HEAR crops have been performing well with many yielding over 5t/ha, unfortunately the now typical harvest weather has delayed some from completing harvest. Only in the UK do farmers have to deal with excessively dry rapeseed at the beginning of the harvest period and crops germinating in the ear by the close!

OSR values are firm on the expectation that UK supply will be short of domestic demand, along with a very weak pound and below average rapeseed output on the continent. But with soya prices subject to “Trump tariff volatility” and the strength of the pound largely dependent on the result of the Brexit process any bullishness should be tempered. It’s worth noting that the MATIF rapeseed price is only €15 higher than the lowest price in the last year (and €5 off the top), which highlights the currency effect in the UK. Those of you in the pool are cushioned from this risk, anyone not in the pool wishing to discuss marketing please call Chris Spedding on the office number below.

**CONTRACTS STILL AVAILABLE**

We are currently still placing Winter linseed contracts for harvest 2020, the crop can be drilled up until the end of September and markets are looking firm.

*To find out more, please call the sales team on 02392632883*



**CONTACTS**

Our agronomists Hannah Foxall and Lorna Evans are happy to take your calls on questions or queries you might have.

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