



TAFLEN WYBODAETH - INFORMATION SHEET



LUPINS



Establishment: A free draining site is required with a pH of below 7 and soil temperature of around 9°C at time of sowing - April – May. Sow at a rate of 160kg/ha and 2-3cm deep after treating seed with suitable inoculants to promote nitrogen fixation

Nutrient requirements: As Nitrogen fixation will not begin immediately ensure that approximately 25kg/ha of N and maintenance levels of P and K are available in the soil.

Weeds, diseases and pests: Pre-emergence herbicide such as Opogard or Stomp can be used. Pests are few. Avoid bean seed fly by planting earlier rather than later.

Harvesting date and method: Harvest with a combine from end of August onwards depending on product required. Lupins can be harvested whilst still wet after 18 – 20 weeks at a moisture content of around 30% or dry after 24 weeks at below 20% moisture and 30% protein content.

Uses: As well as producing high protein feed lupins can leave upwards of 60kg/ha of Nitrogen available in the soil after harvesting.

Processing: If wet harvesting lupins should be crimped and ensiled, dry harvested lupins can be rolled or hammered at 16% moisture for incorporation into feed.

LWPINAU

Sefydliad: Mae angen safle sy'n draenio'n rhydd gyda pH o lai na 7 a thymheredd pridd o tua 9°C ar adeg plannu – Ebrill – Mai. Plannwch ar raddfa o 160kg/ha ac i ddyfnder o 2-3cm ar ôl trin yr had gyda gwrth-heintydd addas i annog sefydlogiad nitrogen.

Gofynion maethol: Gan na fydd sefydlogiad nitrogen yn dechrau ar unwaith, dylech sicrhau bod tua 25kg/ha o N a lefelau cynhaliaeth o P a K ar gael yn y pridd.

Chwyn, afiechydon a phlâu: Gellir defnyddio chwynladdwr cyn ymddangosiad fel Opogard neu Stomp. Ychydig o blâu a geir. Gallwch osgoi pryf had ffa drwy blannu'n gynharach yn hytrach nag yn hwyrach.

Dyddiad a dull cynaeafu: Cynaeafu gyda chynaeafydd o ddiwedd Awst ymlaen, yn dibynnu ar y cynnyrch sydd ei angen. Gellir cynaeafu lwpinau pan fyddant yn dal i fod yn wlyb ar ôl 18 - 20 wythnos ar gynhwysiad gwlybanaeth o tua 30% neu'n sych ar ôl 24 wythnos o fod dan 20% o gynhwysiad gwlybanaeth a 30% o gynhwysiad protein.

Defnyddiau: Yn ogystal â chynhyrchu bwyd uchel mewn protin, gall bysedd y blaidd adael 60kg/ha a mwy o Nitrogen yn y pridd ar ôl cynaeafu.

Prosesu: Dylid crebachu a silweirio lwpinau o gynhaeaf gwlyb, a gellir rholio neu guro bysedd y blaidd o gynhaeaf sych gyda 16% o wlybanaeth ar gyfer ei gynnwys mewn bwyd.

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CALU - ☎01248 680450 🌐 www.calu.bangor.ac.uk ✉ calu@bangor.ac.uk