

3 - 10 December



- **Lilian O'Sullivan Teagasc Johnstown Castle Researcher**
- **Julie Larkin RPS (former Teagasc PhD student)**
- **Shirley Clerkin Heritage Officer Monaghan County Council**
- **Mark McDowell Hedge Laying Association of Ireland**
- **Alan Moore Hedgerows Ireland**

Tuesday 7th: Biodiversity of hedges

3 - 10 December



- **Jesmond Harding Butterfly Conservation Ireland**
- **Ruth Wilson All Ireland Pollinator Plan Farmland Pollinator Officer**
- **Eanna Ni Lamhna Author, Broadcaster and Journalist**

Wednesday 8th: Hedge cutting

3 - 10 December



Register now

with Francis Quigley Teagasc Machinery Specialist

- **Tony Mullins Dairy Farmer cutting own hedges, Mitchelstown, Co Cork**
- **Liam Herlihy Dairy Farmer and Hedge cutting contractor, Bruree, Co Limerick**
- **Paraic O'Brien Hedge cutting contractor, Cahir, Co Tipperary**
- **Aine O'Connell IFA Dairy Policy Executive**
- **Denis Drennan ICMSA Dairy farmer, Co Kilkenny**
- **Susan Callaghan NPWS Divisional Ecologist**

Thursday 9th: Food from Hedges

3 - 10 December



Register now

- **Regina Sexton Food and Culinary Historian, Programme Manager of the Postgraduate Diploma in Irish Food Culture, UCC**
- **Rosemarie Cusack Cookery Demonstrator**
- **Mary White Blackstairs Eco Trails**



Planting hedges

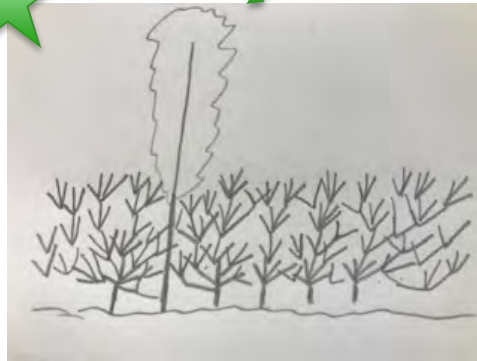
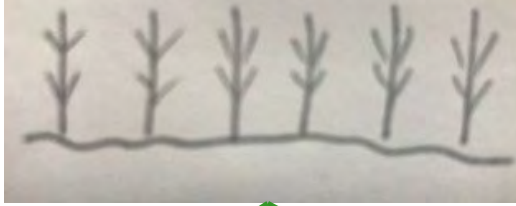
**Signpost Series Webinar
Friday 3 December 2022**

*Catherine Keena
Teagasc Countryside Management Specialist*



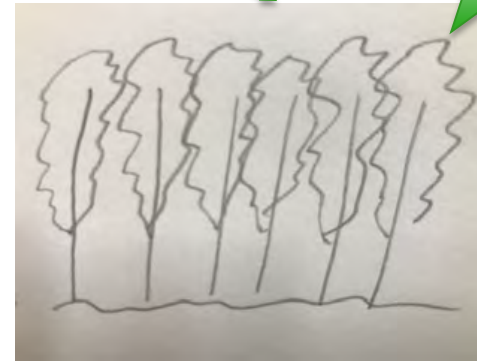
Understanding hedges

Newly planted thorn hedge

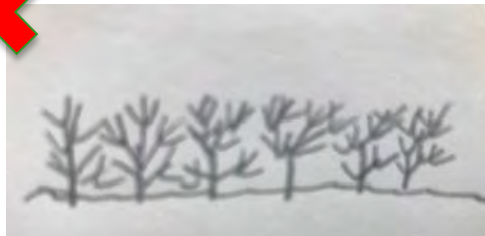


Topped hedge

- ✓ At least 1.5m
- ✓ Flowering tree
- ✓ Triangular shape



- ## Escaped Untopped hedge or Treeline
- ✓ Flowering canopy

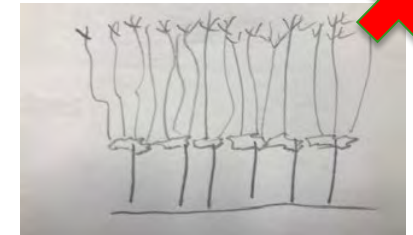


Topped hedge

- x Under 1.5m
- x No flowering thorn tree
- x Flat topped



- ## x Upside down toilet brush hedge



- ## x Bad practice to increase height



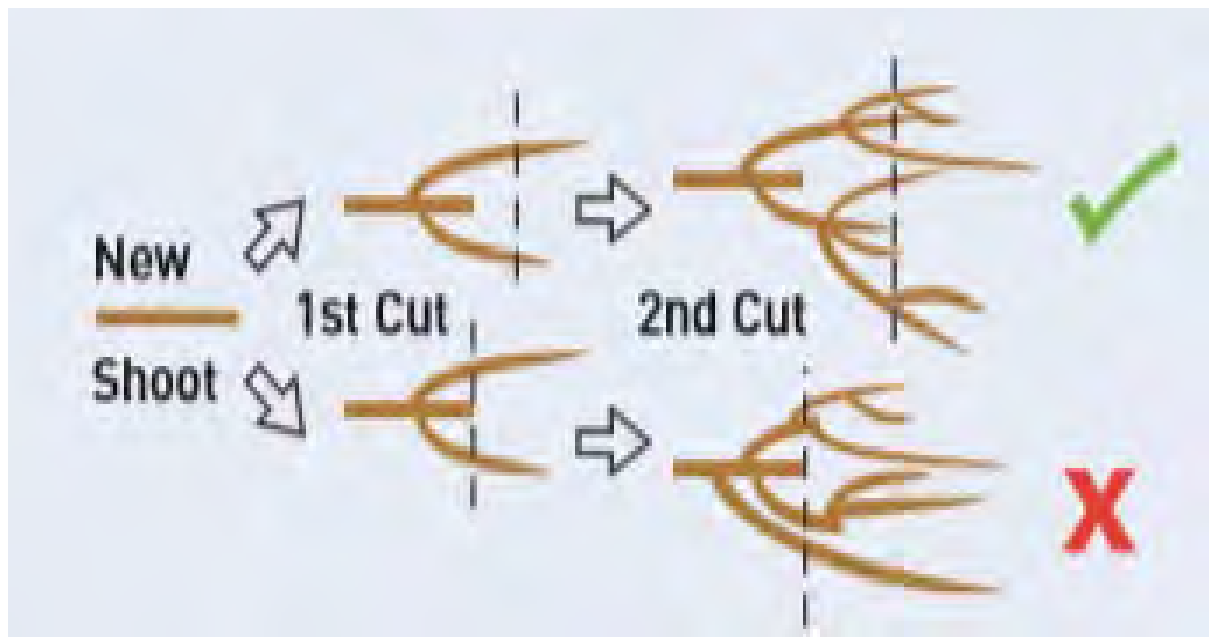
Need to understand

- how trees and shrubs grow
- apical dominance



When cut:

➤ new shoots come directly below cut





What type of hedge do you want?



Topped

- **Dense base**

or



**Escaped /
Untopped /
Treeline /
Linear woodland**

Native trees / shrubs: thrive with cutting OR if left as tree



Whitethorn (10m)



Blackthorn (6m)



Holly (15m)



Spindle (6m)



Guelder Rose (6m)



Hazel (6m)



Buckthorn (6m)

Native climbers



**Dog
Rose**



Ivy

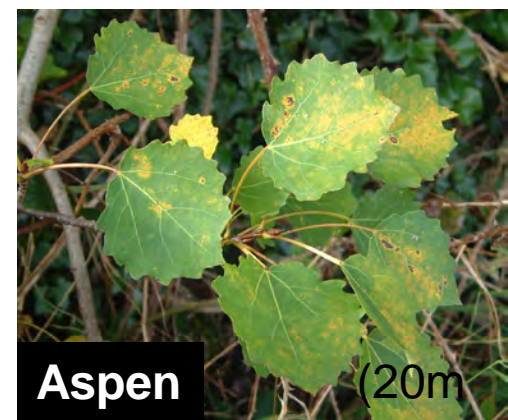


Bramble



**Woodbine
Honeysuckle**

Large Native Trees NOT suited to topping



Mid size Native Trees NOT suited to topping



Native Provenance

- ✓ Best for biodiversity
- ✓ Supports rural development

Signpost Webinar: Friday 10 December 2021

The value of native provenance trees and hedging stock and how to reduce health risks to them

- ❖ Joe Gowran CEO Woodlands of Ireland
- ❖ Maria Cullen Chair of the Society of Irish Plant Pathologists (SIPP).

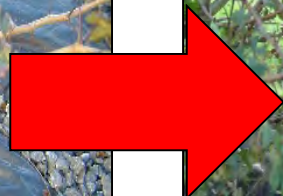


Planting



Pruning and plastic





Compostable Film





REAP

(Results Based Agri Environment Pilot)

- ✓ **Pilot to prepare farmers, advisors and DAFM for Agri Environment Scheme in new RDP in 2023**
- ✓ **2 year duration: 2021 and 2022**

€in REAP

1. Participation Payment: €1200 per year

2. Capital Payment: €1200 in one year only

➤ €9.20 / tree - Max 130 trees

➤ €15.80 / m of hedge (incl gapping up) - Max 76m

3. Field Score:

Low Input Grassland (LIG):

- €250 - €400 / ha *based on score*

- Top up of €50/ha for late mown meadows

- **Max €4,500** if 10 ha LIG incl late mown meadow

Multi Species Ley (MSL):

- €125 - €275 / ha *based on score*

- **Max €2750** if 10 ha MSL

MAX for Score 10: €6,900 in one year & €5,700 in other year)

REAP Actions

County	Hedge Gapping	Hedge Planting	Tree Planting
CARLOW	2	9	5
CAVAN	7	40	12
CLARE	4	20	12
CORK	3	44	10
DONEGAL	5	36	2
DUBLIN	0	0	0
GALWAY	5	40	14
KERRY	4	16	15
KILDARE	2	4	1
KILKENNY	2	13	4
LAOIS	1	13	3
LEITRIM	0	11	1
LIMERICK	0	7	5
LONGFORD	5	21	4
LOUTH	0	0	0
MAYO	6	83	9
MEATH	3	6	5
MONAGHAN	1	27	2
OFFALY	0	6	0
ROSCOMMON	3	36	5
SLIGO	3	36	4
TIPPERARY	6	19	15
WATERFORD	1	4	1
WESTMEATH	5	19	3
WEXFORD	0	2	1
WICKLOW	3	12	10
	71	524	143

REAP Actions

- **Complementary actions are only permitted in project fields (fields subject to scorecard assessments), and located where they have already been recommended by the advisor on the REAP plan.**
- **Complementary Actions are not permitted in Natura 2000 sites, Nature Reserves, pNHAs, landscapes targeted for breeding waders such as curlew, or on an archaeological monument.**

Planting a New Hedgerows/Hedgerow Gapping Up

REAP Requirements

- Prepare the ground along a 1.5m wide strip to provide good soil conditions and as little competition from other vegetation as possible
- Between November 2021 and the end of March 2022 plant a double staggered row with 6 plants per metre using a mix of 6 species from the Approved species list below (approx. 2-year old whips). No one species should make up more than 70% of the total plants.
- Identify 1 plant every 50m which should be marked and retained as a tree.
- Ensure the hedgerow is protected from livestock using an appropriate fence at least 1m out from the new hedgerow. This fence will need to be moved out further as the hedge grows and expands.
- Plants must be purchased from registered producers or growers. Where possible, source plants of native provenance.
- Keep free of weeds until plants have established - annual weed maintenance is required until the hedgerow is fully established. Failed or dead plants to be replaced in the following planting season.

Approved REAP Hedge Species List

Blackthorn (*Prunus spinosa*)

Dog Rose (*Rosa canina*)

Gelder Rose (*Viburnum opulus*)

Hawthorn/Whitethorn (*Crataegus monogyna*)

Hazel (*Corylus avellana*)

Holly (*Ilex aquifolium*)

Spindle (*Euonymus europaeus*)

Bird Cherry (*Prunus padus*)

Crab Apple (*Malus sylvestris*)

The original specification stated that native trees were mandatory, while the main change in the attached states “*Where possible, source trees of native provenance.*”

Hedges

Biodiversity plus....

Carbon

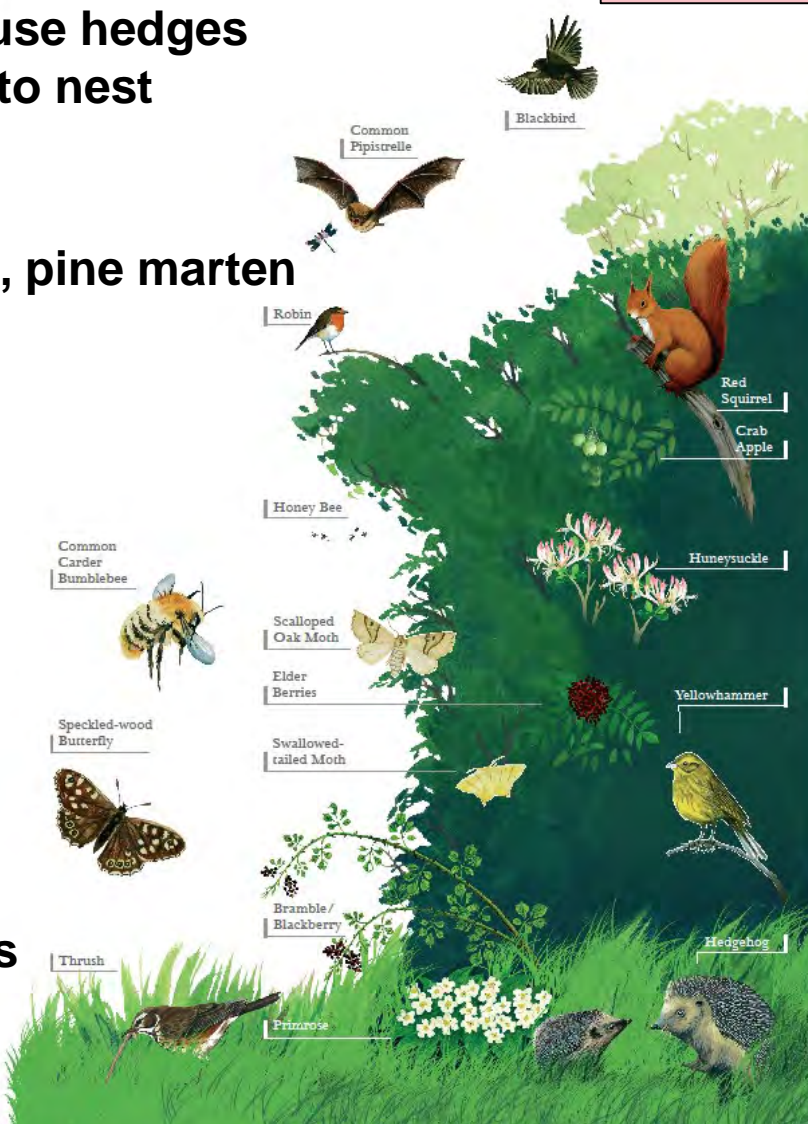
Food



Water



Shelter



❖ Birds

- Of 110 birds - 55 use hedges
- 35 to nest

❖ Mammals

- Hedgehog, shrew, pine marten

❖ Bats

- 9 species

❖ Bees

- 77 solitary bees
- 21 bumble bees
- 1 honey bee

❖ Moths

- Over 1400 species

❖ Butterflies

- 35 species

Go raibh maith agaibh