

Fruit and Nut Nurseries

Catalogue and Price List January 2019

General information

Prices

Except where special offers apply, the prices in this catalogue will remain in effect until 31st January 2019. Details of special offers can be found on the website.

Planting Season

The best time to plant is either at the very start of the barerooted season when the ground is still relatively warm and dry, or at the end of the dormant season, namely during the second half of March and the first part of April when the ground is beginning to warm up. Providing trees are well watered at the time of planting, barerooted planting of apples and most nut species can continue further into April (and even into early May in a cold year). During the period December through till early March planting-out should be avoided during times when the ground is either frozen or waterlogged. Planting during wet ground conditions nearly always leads to soil compaction, which in turn can adversely affect tree growth for many years. If ground conditions are not favourable for planting, trees can be stored in an unheated but frost-free shed until conditions improve; provided the trees are still dormant and the roots are kept moist trees can be stored for up to several months (it is essential that roots are not allowed to dry out). Alternatively, trees can temporarily lined-out into a prepared bed (or an unused part of the vegetable garden) then replanted into their final position when ground conditions improve. At the nursery, more than 95 percent of all barerooted planting takes place after the beginning of April.

Ordering

Many popular items sell out well in advance and for these items early ordering is essential. Items that typically sell out early include: sweet chestnuts, heartnuts, buartnuts, hickories, hicans, cider apples, perry pears and also most fruit rootstocks used for grafting purposes. It is recommended to order these items as early as possible, ideally well before the barerooted season begins. Once a customer confirms an order by email, we will provisionally reserve the items pending payment. We require a 50 percent deposit (full payment where the order value is under €200) to firm up the order. Where payment does not reach us within a reasonable time (7 working days unless otherwise stated), we reserve the right to re-allocate the stock to other customers.

Minimum Order Value (€) on Despatched Orders (excluding delivery charges)				
	Barerooted Trees	P9 Containerised Plants	Larger Containerised Plants	Rootstocks
Ireland	100.00	100.00	200.00	75.00
Northern Ireland	150.00	150.00	250.00	100.00
Rest of UK	200.00	300.00	500.00	150.00
EU	250.00	300.00	500.00	200.00
EEA	500.00	500.00	750.00	400.00

Despatch

Unless we are instructed otherwise, despatch will normally take place from mid February onwards, in chronological order based on when payment for the order was received. Please note that trees that are supplied to us from wholesalers outside of Ireland do not always reach us until the middle of February (and occasionally later). Ground and weather conditions permitting, trees that we propagate or grow on at the nursery can sometimes be supplied before Christmas. **For orders placed after the main despatch season begins, please allow a lead time of 2-3 weeks.** Normally the despatch season ends when the last barerooted trees come into leaf or flower (mid/late April) but may be continued at our discretion after discussion with the customer.

Packing and Delivery Charges

These are based on typical postage or freight charges, with an allowance for labour and packaging costs. We go to a lot of trouble with packing: tree roots are soaked prior to packing then wrapped in paper and polythene to prevent drying out. We frequently receive emails from customers complimenting us on our thoroughness and on the good condition of stock when it arrives. In ten years of operation we have had only two complaints of trees damaged in transit. The delivery charges for fruit and nut trees and for rootstocks are calculated from the number of trees, while for hedging and woodland trees the cost is based on a percentage of the order value. Where orders include items from all three categories of tree (fruit and nut trees, rootstocks, and woodland/hedging trees), the delivery charge will be calculated on the total order value - please contact us for a exact quote. Over-size barerooted items and small orders of container-grown trees are collection only. Larger orders of container-grown trees can be shipped by specially constructed pallet crate. The minimum charges for pallet delivery of barerooted and containerised plants are €80.00 and €100.00 respectively. Small orders of P9 containerised plants can be shipped by post.

Collection

Goods can be collected directly from the nursery by prior arrangement. Subject to availability, barerooted trees can be collected from late November to early April while container-grown stock can be collected all year round. We sometimes offer a discount on the larger collected orders - it saves on time spent packing and despatch - please enquire. Larger barerooted items and small orders of container-grown trees are collection only. Where the customer makes arrangement for third party collection/transportation themselves, we accept no responsibility for damage or losses that occur in transit. Uncollected barerooted stock is normally lined out in new beds at the end of the barerooted season (refunds are subject to a handling charge of 20 percent of order value). **Please note we are not a garden centre and cannot facilitate casual callers at any time.**

Tree Quality and Customer Guarantee

Customer satisfaction is very important to us. We often hear stories from customers who have purchased poor quality trees from other sources. **Fruit and Nut policy is to NEVER supply goods of a standard that we would not like to receive ourselves.** Trees are inspected at the point of lifting and again at the point of packing. It is very rare for a defective item to slip through, but **should some delivered item not live up to expectation, we will normally replace or refund without question.** In the case of bulk sales (anything over a few dozen of any one item), nursery policy is to supply a small number of extra plants/trees free of charge. Where orders are collected, trees are normally supplied tied in bundles and are not wrapped until the customer has had chance to inspect.

Contact

The best way to get in touch is by email. Except at particularly busy times, replies will normally be within one working day. If you have not heard back from us within three working days, please send a reminder! Owing to the sheer volume of phone calls we generally DO NOT return voicemail messages, except where these concern orders already in transit or ones ready for despatch. However, we endeavour to reply to all text messages. We offer a free horticultural advice service by email.

Enquires: office@fruitandnut.ie

Fruit Trees and Berries Price List January 2019

Barerooted trees (available January-April 2019, and from November 2019)

	Unit Price (euro)					
	1 tree	2 trees	3-9 trees	10-49 trees	50-199 trees	200+ trees
Apple maidens	21.00	18.80	17.20	15.50	13.40	12.40
Apple 2yr Cordon/Bush trained	24.00	22.00	20.00	18.00	15.70	14.60
Apple 3yr Cordon/Bush trained	26.00	24.00	22.00	20.00	17.50	15.70
Apple 2yr Straight Lead (cider varieties only)	26.00	24.00	22.00	20.00	17.50	15.70
Apple Half Standard	40.00	36.00	33.00	29.00	P.O.A.	P.O.A.
Damson/Bullace maidens	24.00	22.00	20.00	18.00	15.70	14.60
Damson/Bullace 2yr	29.00	27.00	24.70	22.60	P.O.A.	P.O.A.
Damson/Bullace 3yr	36.00	32.00	29.00	26.50	P.O.A.	P.O.A.
Medlar maidens	21.00	18.80	17.20	15.50	P.O.A.	P.O.A.
Medlar 2yr	24.00	22.00	20.00	18.00	P.O.A.	P.O.A.
Pear maidens	22.60	20.50	18.80	17.00	14.90	13.60
Pear 2yr	26.00	24.00	22.00	20.00	17.50	15.70
Pear 3yr	29.00	27.00	24.70	22.60	P.O.A.	P.O.A.
Plum/Gage maidens	24.00	22.00	20.00	18.00	15.70	14.60
Plum/Gage 2yr	29.00	27.00	24.70	22.60	P.O.A.	P.O.A.
Plum/Gage 3yr	36.00	32.00	29.00	26.50	P.O.A.	P.O.A.
Plumcot/Miracot 1yr	29.00	27.00	24.70	22.60	P.O.A.	P.O.A.
Plumcot/Miracot 2yr	36.00	32.00	29.00	26.50	P.O.A.	P.O.A.
Aronia named varieties barerooted 2yr	n/a	n/a	n/a	4.20	3.60	P.O.A.
Cornelian cherry (Cornus mas) 100-140cm	24.00	22.00	20.00	17.80	P.O.A.	P.O.A.
Cornus kousa chinensis 100-140cm	16.00	15.00	14.50	P.O.A.	P.O.A.	P.O.A.
Crab apple named varieties maidens	20.00	18.00	16.50	14.90	12.90	12.00
Sea buckthorn named var. 2yr 80-120cm	8.00	7.00	6.50	5.90	5.40	4.80
Container-grown trees/plants (supplied all year subject to availability)						
Aronia named varieties P9 container 1yr	n/a	n/a	n/a	2.90	2.40	2.00
Aronia named varieties 2.5L container 2yr	8.00	7.00	6.50	5.90	5.40	4.80
Aronia named varieties 7L container 3yr	12.50	11.20	10.00	8.90	8.20	P.O.A.
Aronia named varieties 10L container 3yr	14.00	12.50	11.20	10.00	9.20	P.O.A.
Aronia named varieties 15L container 4yr	18.00	16.20	14.60	13.10	12.00	P.O.A.
Aronia named varieties 25L container 5yr	24.00	22.00	20.00	17.80	P.O.A.	P.O.A.
Blueberries P9 container 1yr	n/a	n/a	n/a	n/a	3.00	2.55
Cranberries P9 container 1yr	n/a	n/a	n/a	3.20	2.60	2.20
Cranberries 4L 2yr	7.00	6.00	5.50	5.00	4.30	3.70
Lingonberries P9 container 1yr	n/a	n/a	n/a	3.20	2.60	2.20
Lingonberries 4L container 2yr	7.00	6.00	5.50	5.00	4.30	3.70
Rubus Betty Ashburner P9 container	n/a	n/a	n/a	2.00	1.60	1.40
Rubus Betty Ashburner 3L container	n/a	n/a	4.00	3.60	P.O.A.	P.O.A.
Rubus pentalabus 1.3L container	n/a	n/a	n/a	2.70	2.20	1.90
Sea Buckthorn named var. P9 container	n/a	n/a	n/a	n/a	4.30	3.60

Nut Tree Price List January 2019

Barerooted trees (available January-April 2019, and from November 2019)

	Unit Price (euro)					
	1 tree	2 trees	3-9 trees	10-49 trees	50-199 trees	200+ trees
Almond grafted named varieties 2yr	36.00	33.00	30.00	26.50	P.O.A.	P.O.A.
Almond grafted named varieties 3yr	44.00	40.00	36.00	32.00	P.O.A.	P.O.A.
Cobnut named varieties selected 1yr rooted cuttings	n/a	n/a	n/a	n/a	3.30	2.90
Cobnut named varieties 60-100cm 2yr	n/a	n/a	n/a	6.00	5.45	4.90
Cobnut named varieties 60-100cm 3yr	n/a	n/a	n/a	7.20	6.50	5.90
Cobnut named varieties 100-140cm 3yr	11.50	10.35	9.20	8.30	7.45	6.70
Cobnut named varieties 140-180cm 3yr	12.50	11.25	10.00	9.00	8.10	7.30
Cobnut named varieties 100-140cm 4yr	14.00	12.60	11.20	10.00	9.00	8.10
Cobnut named varieties 140-180cm 4yr	16.00	14.40	12.80	11.50	10.35	9.30
Cobnut named varieties 180-220cm 4yr	20.00	18.00	16.00	14.40	12.95	11.65
Cobnut named varieties 220cm+ 5yr	24.00	21.60	19.20	17.30	15.55	14.00
Buartnut grafted named varieties 30-45cm	n/a	n/a	n/a	27.00	24.30	P.O.A.
Buartnut grafted named varieties 45-70cm	40.00	36.50	33.70	30.80	27.70	P.O.A.
Buartnut grafted named varieties 70-100cm	47.00	42.50	39.00	35.80	32.20	P.O.A.
Buartnut grafted named varieties 100-140cm	58.00	52.50	48.50	44.50	P.O.A.	P.O.A.
Buartnut grafted named varieties 140-180cm	80.00	72.00	64.00	57.00	P.O.A.	P.O.A.
Heartnut grafted named varieties 30-45cm	n/a	n/a	25.00	23.00	20.70	P.O.A.
Heartnut grafted named varieties 45-70cm	35.00	32.00	29.50	27.00	24.30	P.O.A.
Heartnut grafted named varieties 70-100cm	42.00	38.00	35.00	32.00	28.80	P.O.A.
Heartnut grafted named varieties 100-140cm	52.00	47.50	43.50	40.00	P.O.A.	P.O.A.
Heartnut grafted named varieties 140-180cm	70.00	63.00	56.00	50.00	P.O.A.	P.O.A.
Hickory/Hican grafted named varieties 30-45cm	n/a	n/a	n/a	24.50	P.O.A.	P.O.A.
Hickory/Hican grafted named varieties 45-70cm	42.00	38.00	35.00	32.00	P.O.A.	P.O.A.
Hickory/Hican grafted named varieties 70-100cm	52.00	47.50	43.50	40.00	P.O.A.	P.O.A.
Hickory/Hican grafted named varieties 100-140cm	70.00	63.00	56.00	50.00	P.O.A.	P.O.A.
Sweet Chestnut grafted/stooled named varieties 45-70cm	n/a	n/a	n/a	14.90	13.40	12.00
Sweet Chestnut grafted/stooled named varieties 70-100cm	26.00	24.00	22.00	20.00	18.00	16.20
Sweet Chestnut grafted/stooled named varieties 100-140cm	36.00	32.00	29.00	26.50	24.00	P.O.A.
Sweet Chestnut grafted/stooled named varieties 140-180cm	44.00	40.00	36.00	33.00	P.O.A.	P.O.A.
Walnut grafted named varieties 45-70cm	n/a	n/a	n/a	23.00	20.70	P.O.A.
Walnut grafted named varieties 70-100cm	35.00	32.00	29.50	27.00	24.30	P.O.A.
Walnut grafted named varieties 100-140cm	40.00	36.50	33.70	30.80	27.70	23.00
Walnut grafted named varieties 140-180cm	47.00	42.50	39.00	35.80	32.20	P.O.A.
Walnut grafted named varieties 180cm +	60.00	52.50	48.00	44.00	40.00	P.O.A.
Ginkgo, seed-grown 2yr 15-25cm	n/a	n/a	n/a	3.00	2.50	P.O.A.
Ginkgo, seed-grown 3yr 25-40cm	n/a	n/a	n/a	4.20	3.60	P.O.A.
Ginkgo, seed-grown 4yr 40-70cm	12.50	12.50	10.00	9.00	8.10	7.30
Ginkgo, seed-grown 5yr 70-100cm	18.00	18.00	14.40	13.00	11.70	10.50

The description 'named varieties' is used to distinguish selected fruiting/nut-bearing varieties from wild/seed-grown forms of the same species (for example the seed-grown common walnut *Juglans regia*). These may be offered separately (see woodland, hedging and shelterbelt tree price list)

Nut Trees Price List January 2019

Container-grown trees (supplied all year subject to availability)

	Unit Price (euro)					
	1 tree	2 trees	3-9 trees	10-49 trees	50-199 trees	200+ trees
Monkey Puzzle (<i>Araucaria araucana</i>) 2yr 12-20cm P9 pot	10.00	8.80	7.80	6.90	6.50	P.O.A.
Monkey Puzzle (<i>A. araucana</i>) 3yr 20-30cm 3L airpot	15.00	13.50	12.00	10.50	9.50	P.O.A.
Monkey Puzzle (<i>A. araucana</i>) 4yr 30-45cm 9L airpot	30.00	27.00	24.00	21.00	P.O.A.	P.O.A.
Monkey Puzzle (<i>A. araucana</i>) 5yr 45cm-70cm 25L airpot	60.00	54.00	48.00	42.00	P.O.A.	P.O.A.
Monkey Puzzle (<i>A. araucana</i>) 6yr 70cm+ 45L airpot	90.00	81.00	72.00	65.00	P.O.A.	P.O.A.
Pinenut, Swiss Stone Pine (<i>Pinus cembra</i>) 2yr 7-12cm P9 pot	n/a	n/a	n/a	3.60	3.00	2.40
Pinenut, Swiss Stone Pine (<i>Pinus cembra</i>) 3yr 12-20cm 3L airpot	8.40	7.40	6.50	6.00	5.60	P.O.A.
Pinenut, Swiss Stone Pine (<i>Pinus cembra</i>) 3yr 20-30cm 9L airpot	16.80	14.80	13.00	12.00	11.20	P.O.A.
Pinenut, Coulter (<i>Pinus coulteri</i>) 2yr 20-30cm 3L airpot	20.00	18.00	16.00	P.O.A.	P.O.A.	P.O.A.
Pinenut, Chilgoza (<i>Pinus gerardiana</i>) 3yr 12-20cm 3L airpot	20.00	18.00	16.00	14.00	P.O.A.	P.O.A.
Pinenut, Piñon (<i>Pinus monophylla</i>) 2yr 10-15cm 3L airpot	15.00	13.50	12.00	10.50	P.O.A.	P.O.A.
Pinenut, Korean (<i>Pinus koraiensis</i>) 3yr 12-20cm 3L airpot	15.00	13.50	12.00	10.50	9.50	P.O.A.
Pinenut, Mediterranean (<i>Pinus pinea</i>) 2yr 15-25cm plugs	n/a	n/a	n/a	n/a	3.60	3.00
Pinenut, Mediterranean (<i>Pinus pinea</i>) 3yr 25-40cm 3L airpot	10.00	8.80	7.80	7.20	6.50	5.90
Pinenut, Mediterranean (<i>Pinus pinea</i>) 3yr 40-60cm 3L airpot	15.00	13.50	12.00	10.50	9.50	8.50
Pinenut, Mediterranean (<i>Pinus pinea</i>) 4yr 60-75cm 9L airpot	25.00	22.00	20.00	18.00	16.50	15.00
Pinenut, Mediterranean (<i>Pinus pinea</i>) 5yr 75-100cm 25L airpot	50.00	45.00	40.00	35.00	30.00	P.O.A.
Pinenut, Mediterranean (<i>Pinus pinea</i>) 6yr 100-125cm 45L pot	70.00	63.00	56.00	50.00	P.O.A.	P.O.A.
Pinenut, Mediterranean (<i>Pinus pinea</i>) 7yr 125cm+ 70L pot	90.00	81.00	72.00	65.00	P.O.A.	P.O.A.
Pinenut, Dwarf Siberian (<i>Pinus pumila</i>) 2yr 7-12cm P9 pot	n/a	n/a	n/a	3.60	3.00	2.40
Pinenut, Dwarf Siberian (<i>Pinus pumila</i>) 3yr 12-20cm 3L airpot	8.40	7.40	6.50	6.00	5.60	P.O.A.
Pinenut, Dwarf Siberian (<i>Pinus pumila</i>) 4yr 20-30cm 9L airpot	16.80	14.80	13.00	12.00	11.20	P.O.A.
Pinenut, Digger (<i>Pinus sabiniana</i>) 2yr 20-30cm 3L airpot	15.00	13.50	12.00	10.50	9.50	P.O.A.
Pinenut, Digger (<i>Pinus sabiniana</i>) 3yr 30-45cm 9L airpot	25.00	22.00	20.00	18.00	16.50	P.O.A.
Pinenut, Siberian (<i>Pinus siberica</i>) 3yr 7-12cm 3L airpot	10.00	8.80	7.80	7.20	6.50	5.90
Pinenut, Siberian (<i>Pinus siberica</i>) 4yr 12-20cm 3L airpot	15.00	13.50	12.00	10.50	9.50	8.50
Pinenut, Siberian (<i>Pinus siberica</i>) 5yr 20-30cm 9L airpot	25.00	22.00	20.00	18.00	16.50	P.O.A.
Pinenut, Siberian (<i>Pinus siberica</i>) 6yr 30-45cm 15L pot	37.50	33.00	30.00	27.00	P.O.A.	P.O.A.
Pinenut, Torrey (<i>Pinus torreyana</i>) 2yr 20-30cm 3L airpot	20.00	18.00	16.00	14.00	P.O.A.	P.O.A.
Oak, Holm (<i>Quercus ilex</i>) 2yr, plugs	n/a	n/a	n/a	n/a	3.13	2.50
Oak, Holm (<i>Quercus ilex</i>) 3yr 25-40cm 3L airpot	6.00	5.00	4.50	4.00	3.60	3.20
Oak, Holm (<i>Quercus ilex</i>) 3yr 30-45cm 7L pot	7.50	6.50	5.90	5.40	5.00	n/a
Oak, Holm (<i>Quercus ilex</i>) 5yr 40-60cm 9L airpot	10.00	9.00	8.10	7.20	6.50	n/a
Oak, Holm (<i>Quercus ilex</i>) 5yr 60-90cm 15L pot	16.00	14.50	13.00	11.50	10.35	n/a
Oak, Cork (<i>Quercus suber</i>) 3yr 25-40cm 3L airpot	7.00	6.00	5.40	4.80	4.30	3.90
Oak, Cork (<i>Quercus suber</i>) 4yr 40-60cm 9L airpot	14.00	12.00	10.80	9.60	P.O.A.	P.O.A.

Fruit and Nut Order Form January

Nuts

Chestnuts Varieties (barerooted): Marlhac, Marigoule, Marsol **Please enquire to check availability** Bouche de Betizac, Bournette, Marron de Chevanceaux, Précoce Migoule **Not available 2018/19**

List varieties, quantity of each variety, and total price

Walnuts Available as grafted trees 45-70cm, 70-100cm, 100-140cm, 140-180cm and 180cm+

French varieties (barerooted): Corne du Périgord, Fernette, Fernor, Fertignac, Franquette, Mayette, Meylanaise, Parisienne, Ronde de Montignac. **Available from November** Other varieties (barerooted): Amphyon, Chiara, Cyril, Coenen, Dionym, Mars, No.16, Minimultiflora nr. 14, Rita, Rote Danaunuss. **Please enquire to check availability**

List varieties, quantity of each variety, and total price

Cobnuts Available as stooled trees

Barerooted 40-60cm: Cosford, Kentish Cob, Hall's Giant, Nottingham (Pearson's Prolific), Webb's Prize **Available by special order only.** Barerooted 60-100cm, 100-140cm, 140-180cm, 180-220cm and 220cm+; Cosford, Hall's Giant, Nottingham (Pearson's Prolific), Webb's Prize, Rotblättrige Zellernuss **Please enquire to check availability**

List varieties, quantity of each variety and total price

Heartnuts, Buartnuts, Hickory and Hican Available as grafted trees 45-70cm, 70-100cm, 100-140cm, 140-180cm. Varieties available Heartnuts: Campbell CW1, Campbell CW4, Grimo Manchurian, Imshu, Kalmar, Schubert; Buartnuts: Mitchell; Hickory: Yoder; Hicans: Burton, Weschke **Please enquire to check availability**

List varieties, size of tree, quantity of each variety and total price

Almonds Available as grafted trees on St Julien A rootstock. Supplied as barerooted maidens or 2yr trees

Variety: Ingrid. **Please enquire regarding availability**

List quantity and total price

Pine Nut and Monkey Puzzle (*Pinus cembra* - Swiss Stone pine, *Pinus pinea* - Mediterrean Stone pine, *Pinus coulteri* - Coulter pine, *Pinus gerardiana* - Chilgoza pine, *Pinus monophylla* - Piñon pine, *Pinus pumila* - Dwarf Siberian pine, *Pinus sabiniana* - Digger Pine, *Pinus siberica* - Siberian pine, *Araucaria araucana* - Monkey Puzzle. Available in a range of sizes from plugs/P9 to 45Lairpots. **Normally available all year round**

List quantity, pot size/age and total price

Oaks *Quercus ilex* - Holm Oak, *Quercus suber* - Cork Oak. Available in 1l, 3l and 9l airpots. **Available all year round**

List quantity, pot size/age and total price

Tree Fruit

Plums, Gages, Damsons, Bullaces and Mirabelles on St Julien 'A' (semi-vigorous) and Pixy (semi-dwarf) rootstock. Barerooted maidens and 2yr bush-trained.

Plums and gages: Avalon, Blaisdon Red, Cambridge Gage, Coe's Golden Drop, Czar, Denniston's Gage, Edda, Gordon Castle, Guinevere, Haganta, Herman, Jubilee, Kirke's Blue, Marjorie's Seedling, Opal, Reine Claude de Bavay, Rivers' Early Prolific, Stella's Star, Warwickshire Drooper. **Damsons:** Aylesbury, Blue Violet, Delma, Farleigh, Shropshire Prune **Bullace:** Shepherds **Mirabeles:** Countess, de Nancy, Golden Sphere, Gypsy, Ruby. **Please enquire regarding availability**

List varieties, quantity of each variety, and total price

Apples on M25/M111 (vigorous), MM106 /M116 (semi-vigorous). M26 (semi dwarf). M9 (dwarf) and M27 (ultra dwarf) rootstocks. Barerooted trees available as maidens, 2yr cordons, 2yr bush trained, 2yr straight leads and half-standards.

Varieties (eaters and cookers): Annie Elizabeth, Ashmead's Kernel, Bardsey, Beauty of Bath, Ben's Red, Bramley's Seedling, Bright Future, Brownlees Russet, Charles Ross, Cornish Aromatic, Coul Blush, Court of Wick, Court Pendu Plat, Crawley Beauty, D'Arcy Spice, Discovery, Egremont Russet, Edward VII, Fiesta, Gladstone, Gennet Moyle, Greensleeves, Grenadier, Herefordshire Russet, Honeycrisp, John Standish, Katy, Keswick Codlin, Lane's Prince Albert, Laxton's Superb, Lemon Pippin, Little Pax, Newton Wonder, Oslin, Pinova, Pitmaston Pineapple, Red Devil, Red Jonaprince, Red Falstaff, Redsleeves, Red Pixie, Red Windsor, Rev W. Wilks, Ribston Pippin, Rosemary Russet, Rosette, St Edmund's Russet, Sunset, Surprise, Ticked Pink, Tom Putt, Yellow Ingestrie. **Varieties (cider):** Black Dabinett, Brown's, Dabinett, Harry Masters, Medaille d'Or, Morgan's Sweet, Somerset Redstreak, Sweet Allford, Sweet Coppin, Tremlett's Bitter, Yarlington Mill. **Please enquire regarding availability**

List varieties, rootstock, quantity of each variety, and total price

Cherries barerooted on F.12.1 (vigorous) Colt (semi-dwarf) and Gisela 5 (dwarf) rootstock. Available as maidens and 2yr

Varieties: Black Oliver, Celeste, Colney,, Early Rivers, Lapins Cherokee, Merton Glory, Morello, Noir de Guben, Penny, Petit Noir, Skeena, Stella, Summer Sun, Sweetheart, Van, Vega **Please enquire regarding availability**

List varieties, quantity of each variety, and total price

Pears on Pyrus communis/kirchensaller (very vigorous), Pyrodwarf (vigorous), Quince A (semi-dwarf) and Quince C (dwarf) rootstock. Barerooted trees available as maidens and 2yr.

Varieties: Baronne de Mello, Beth, Beurré Hardy, Black Worcester, Catillac, Concorde, Conference, Durondeau, Fondante d'Automne, Invincible, Jargonelle, Louise Bon of Jersey, Merton Pride, Onward, Précoce de Trévoux, Shipover. **Perry Pears:** Blakeney Red, Gin, Hendre Huffcap. Judge Amphlet, Thorn, Winal's Longton, Yellow Huffcap **Please enquire regarding availability**

List varieties, quantity of each variety, and total price

Tree Fruit continued

Crab Apples

Variety: Laura Supplied as barerooted maidens **Please enquire to check availability**

List quantity and total price

Cornelian Cherry

Varieties: Jolico, Schönbrunner Gourmet Dirndl. Barerooted trees 2&3yr **Not available 2019**

Cornus Kousa chinensis (**Chinese dogwood**) Barerooted trees. **Not available 2019**

List varieties, quantity of each variety, and total price

Medlars on Quince A (semi-vigorous) rootstock. Supplied as barerooted maidens, 2yr and 3yr

Varieties: Nottingham, Royal **Please enquire to check availability**

List varieties, quantity of each variety, and total price

Miracot and Plumcot on St Julien A/Torinel rootstock. Supplied as barerooted maidens and 2 yr . **Varieties:** Plumcot Flavor King; **Miracot** Aprimira **Please enquire regarding availability**

List varieties, quantity of each variety, and total price

Mulberries Containerised trees in 12L pots.

Variety: Chelsea **Not available 2019**

List quantity and total price

Bush Fruit

Sea Buckthorn

Container-grown plants P9 pots (20-40cm high), 3l pots (40-60cm) and 7l pots (60-100cm) Male: Pollmix1, Pollmix 3, Pollmix 4. **Not available 2019** Barerooted named female varieties **Not available 2019** Barerooted seed-grown plants for hedging and screening (mixed male and female) 60-100cm, 100-140cm, 140-180cm

Please enquire re availability (see hedging price list)

List varieties, quantity of each variety, and total price

Aronia

Nero, Viking: P9s, 2.5L, 5L, 7L and 12L pots **Normally in stock all year round**

Galicjanja: barerooted plants **No longer available**

List varieties, quantity of each variety, and total price

Blueberries

Bluecrop, Rubel and some other varieties. Available in P9 and 2.5L pots

Please enquire to check availability

List variety, quantity and total price

Cranberries and Lingonberries

Vaccinium Macrocarpon (American cranberry) Pilgrim, **Vaccinium vitis-idaea** (lingonberry) Koralle and Red Pearl .
P9s and 2.5L pots **Normally in stock all year round**

List variety, quantity and total price

Ground-cover raspberries

Rubus Betty Ashburner, P9s and 2.5L pots **Normally in stock**. **R. pentalabus** 1.3L and 3L pots **Normally in stock** .
R.chamaemorus, R.illecebrosus, R. nepalensis. Limited availability, please enquire

List variety, quantity and total price

Fruit and Nut Trees Order Summary

Chestnuts total	
Walnuts total	
Cobnuts total	
Heartnuts, Buartnuts and Hican total	
Almonds total	
Pinenuts total	
Plums and Damsons total	
Apples total	
Pears total	
Quince total	
Medlars total	
Cornelian Cherry total	
Sea Buckthorn total	
Aronia total	
Blueberries total	
Cranberries and Lingonberries	
Ground-cover Raspberry total	
Total trees	
Carriage	
Total amount	

Packing and Delivery Charges (barerooted fruit and nut trees)

Republic of Ireland: Up to 6 trees €22.50, 7-10 trees €30.00, 11-15 trees €37.50, 16-20 trees €45.00, 21-30 trees €55.00, 31-40 trees €65.00, 41-50 trees €75.00, 51-75 trees €90.00, 76-100 trees €110.00, 101-150 trees €145.00, 151-200 trees €175.00, 201-300 trees €220.00, 301-400 trees €250.00, 401-500 trees €275.00, over 500 trees €300.00. Orders also may be collected from our premises by prior arrangement.

Northern Ireland: Up to 6 trees €32.50, 7-10 trees €40.00, 11-15 trees €47.50, 16-20 trees €57.50, 21-30 trees €70.00, 31-40 trees €80.00, 41-50 trees €90.00, 51-75 trees €105.00, 76-100 trees €130.00, 101-150 trees €170.00, 151-200 trees €200.00, 201-300 trees €250.00, 301-400 trees €300.00, 401-500 trees €330.00, over 500 trees €360.00. Orders also may be collected from our premises by prior arrangement.

England/Scotland/Wales: Up to 6 trees €60.00, 7-10 trees €72.50, 11-15 trees €90.00, 16-20 trees €120.00, 21-30 trees €150.00, 31-45 trees €180.00, 46-70 trees €210.00, 71-100 trees €240.00, 101-150 trees €310.00, 151-200 trees €350.00, 201-300 trees €390.00, 301-400 trees €440.00, 401-500 trees €470.00, over 500 trees €480.00.

Other EU/EEA countries: Up to 6 trees €80.00, 7-10 trees €100.00, 11-15 trees €125.00, 16-20 trees €150.00, 21-30 trees €200.00, 31-45 trees €285.00, 46-70 trees €360.00, 71-100 trees €430.00, 101-150 trees €500.00, 151-200 trees €560.00, 201-300 trees €630.00, 301-400 trees €680.00, 401-500 trees €720.00, over 500 trees €750.00.

Cheques, drafts or postal orders should be made payable to: **The Sustainability Institute**

Please send to Fruit and Nut, Glann West, Charlestown, Co. Mayo. F12 DN44 Enquires: 087 6714075 or email office@fruitandnut.ie.

Your Order Details (please write clearly)

Name

Delivery or Collection (please state)

Delivery Address

Delivery Instructions (if any)

Contact Phone Number

Email

Total Order Value including
delivery charges if applicable

Method of Payment (cheque, postal
order, bank draft, bank transfer, cash)

Fruit and Nut Trees -

Woodland and Hedging -

Rootstocks and graftwood -

Carriage -

Total -

Cheques, drafts or postal orders should be made payable to: **The Sustainability Institute**

**Please send to: Fruit and Nut, Glann West,
Charlestown, Co. Mayo F12 DN44**

Apple use, pollination and disease resistance

	Use (Dual = eating and cooking)	Cider	Juice	Pollination group (* ** good pollinator)	Pick	Store	Scab and canker resistance ¹
Ashmead's Kernel	Eater	*	**	4	Oct	Nov-Feb	**
Bardsay	Dual		***	2	Sept	Oct	**
Beauty of Bath	Eater			2	Aug		**
Ben's Red	Eater			1	Sept		**
Bramley's Seedling	Cooker	**	**	3 Triploid ²	Oct	Nov-March	*
Bright Future	Eater		**	3 Triploid ²	Oct	Nov-Jan	****
Brownlee's Russet	Dual			2	Oct	Nov-March	***
Charles Ross	Dual	*	**	3	Sept		**
Cornish Aromatic	Eater			2	Oct	Nov-Feb	****
Coul Blush	Dual			2	Sept	Oct	***
Court of Wick	Eater		**	3	Oct	Nov-Dec	****
Court Pendu Plat	Eater			5	Oct	Nov-Jan	**
Crawley Beauty	Cooker			5	Oct	Nov-Feb	***
Dabinett	Cider	***		5	Oct	Nov-Jan	**
D'Arcy Spice	Eater	*	**	3	Oct	Nov-May	***
Discovery	Eater			2	Aug		**
Egremont Russet	Eater		**	2	Sept	Oct-Dec	****
Edward VII	Cooker			5	Oct	Nov-April	*
Fiesta	Eater			3	Sept	Oct-Feb	**
Gennet Moyle	Cider	***		2 Triploid ²	Sept	Oct	**
Gladstone	Eater			3	Aug		***
Greensleeves	Eater	*	***	3 **	Oct	Oct-Dec	***
Grenadier	Cooker			3 **	Aug	Sept-Oct	*****
Harry Masters	Cider	***		5	Oct	Oct-Nov	**
Herefordshire Russet	Eater			3	Nov	Nov-Apr	***
Honeycrisp	Eater		***	3	Oct	Oct-Feb	***
Katy	Eater	**	***	3	Sept	Oct	*
Keswick Codlin	Dual		*	1	Aug	Sept	***
Lane's Prince Albert	Cooker		**	4 **	Oct	Nov-March	****
Laxton's Superb	Eater		**	3	Oct	Nov-Jan	*
Lemon Pippin	Dual			4	Oct	Nov-Dec	*
Little Pax	Eater			3	Oct	Oct-Feb	**
Morgan's Sweet	Cider	***		3 Triploid ²	Sept	Oct	***
Newton Wonder	Cooker		**	5	Oct	Nov-March	****
Orleans Reinette	Eater	**	*	4	Oct	Nov-Jan	***
Oslin	Eater			2	Sept		***
Pinova	Eater			4	Oct	Nov-Mar	****
Pitmaston Pineapple	Eater			3	Oct		*
Pixie/Red Pixie	Eater			4	Oct	Nov-March	**
Red Devil	Eater		**	2	Oct	Oct-Dec	**
Red Jonaprince	Eater		**	4	Oct	Nov-Feb	****
Redsleeves	Eater			2 **	Aug	Aug-Sept	**
Red Windsor	Eater			2 SF ³	Sept	Sept-Oct	*****
Reverend W. Wilks	Cooker		*	2	Aug	Sept-Oct	***
Ribston Pippin	Eater	*	**	2 Triploid ²	Oct	Oct-Jan	*
Rosemary Russet	Eater		**	3	Oct	Nov-March	***
Rosette	Eater			2	Aug	Aug-Sept	**
St Edmunds Russet	Eater	*	**	2	Sept		****
Surprise	Eater		**	2	Sept	Sept-Oct	**
Sunset	Eater			3	Sept	Oct-Dec	*
Tickled Pink	Dual		**	3	Sept	Sept-Oct	**
Tom Putt	Cooker	***	**	3	Sept	Oct-Nov	****
Tremlett's Bitter	Cider	***		4	Oct	Oct-Nov	*
Yarlington Mill	Cider	***		4	Oct	Oct-Nov	*
Yellow Ingestrie	Eater			1	Sept	Sept-Oct	*

¹ All cultivars with an asterisk offered have some canker and scab resistance. Three or more asterisk indicates high resistance.

² Triploids do not pollinate other apple trees ³ SF = self fertile

Pears: Use, pollination and disease resistance

Variety	Cullinary use	Pollination group ¹ ** good pollinator SF = Self fertile	Pick	Store	Available on quince rootstock	Scab and canker resistance
Baronne de Mello	Eating	3	Oct	Nov	No	*
Beth	Eating	3	Sept	Oct	Yes	****
Beurre Hardy	Eater	4	Oct		Yes	***
Black Worcester	Cooking	4	Oct	Nov-Feb	No	****
Blakeney Red	Perry	4 Trip	Sept	Oct	No	****
Catillac	Cooking	3**	Sept	Nov-May	Yes	*****
Concorde	Eating	4	Oct	Oct-Jan	Yes	**
Conference	Eating	3 SF	Sept	Oct-Nov	Yes	*
Doyenne du Comice	Eating	4	Oct	Nov-Jan	Yes	**
Durondeau	Eating	3	Sept	Oct	No	**
Fondante d'Automne	Eating	3	Sept	Oct	Yes	***
Gin	Perry	4	Oct	Nov	No	*****
Gorham	Eating	1	Sept		No	****
Hendre Huffcap	Perry	4	Oct		No	***
Invincible	Eating/Cooking	2 SF	Sept	Oct-Dec	Yes	***
Jargonelle	Eating	1 Trip	Aug		No	***
Judge Amphlet	Perry	1	Oct		No	**
Louise Bonne of Jersey	Eating	2	Sept	Oct-Jan	Yes	****
Merton Pride	Eating	3 Trip	Sept		Yes	***
Onward	Eating	4	Oct		Yes	****
Precoce de Trevoux	Eating	2**	Aug		No	***
Shipover	Eating/Cooking	4	Aug	Sept	No	*****
Thorn	Perry	4	Sept		No	****
Winnal's Longdon	Perry	4	Oct		No	*****
Yellow Huffcap	Perry	4	Oct		No	***

¹ A given variety will be pollinated by another variety of the same or adjacent pollinating group. All self fertile varieties will crop better when there is an additional pollinator of the same or adjacent pollinating group. Triploids will not pollinate other varieties. Varieties not compatible with dwarfing quince rootstock are grafted onto Pyrodwarf (in spite of the name a vigorous rootstock), or onto the very vigorous *Pyrus Kirchensaller* or *Pyrus communis* rootstocks. *Pyrus Kirchensaller* is an improved form of *Pyrus communis*.

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Plums, Gages, Mirabelles, Damsons and Bullaces

Use, pollination and disease resistance

	Cullinary use	Pollination group ** = good pollinator SF = Self fertile ¹	Pick	Disease resistance
Bullaces				
Langley	Cooking	3 SF	Oct	****
Shepherd's	Cooking	3 SF	Sept	****
Damsons				
Aylesbury Prune	Eating/Cooking	2 SF	Sept	***
Blue Violet	Eating/Cooking	3 SF **	Aug	***
Delma	Eating/Cooking	2 SF	Aug	***
Hauszwetsche (Sweet Prune)	Eating/Cooking	3 SF	Sept	***
Farleigh	Eating/Cooking	2 SF **	Sept	*****
Shropshire Prune	Eating/Cooking	3 SF	Sept	****
Plums				
Avalon	Eating	2	Aug	***
Belle de Louvain	Eating/Cooking	3 SF	Aug	****
Blaisdon Red	Eating/Cooking	3 SF **	Aug	*****
Czar	Eating/Cooking	3 SF	Aug	***
Edda	Eating	3	Sept	***
Gordon Castle	Eating	4 SF	Sept	****
Guinevere	Eating	4 SF	Oct	*****
Haganta	Eating	4	Sept	***
Herman	Eating	2 SF	July	***
Jubilee	Eating	3 SF	Aug	***
Kirke's Blue	Eating	4	Sept	***
Marjorie's Seedling	Eating	5 SF	Oct	***
Opal	Eating	3 SF	Aug	****
Rivers' Early Prolific	Eating	2 SF	July	***
Victoria	Eating	3 SF	Sept	poor
Violetta	Eating	3 SF	Aug	****
Warwickshire Drooper	Eating/Cooking	2 SF **	Aug	***
Gages				
Coe's Golden Drop	Eating	2 SF	Oct	***
Denniston's Superb	Eating	3 SF **	Sept	***
Reine Claude de Bavay	Eating	3 SF	Sept	***
Stella's Star	Eating/Cooking	3 SF	Aug	***
Willingham	Eating	3 SF	Aug	**
Mirabelles				
Countess	Eating	1	Aug	***
de Nancy	Eating	2	Sept	***
Golden Sphere	Eating/Cooking	1	Sept	***
Gypsy	Eating/Cooking	2	Sept	***
Ruby	Eating	1	Sept	***

¹ A given variety will be pollinated by another variety of the same or adjacent pollinating group. All self fertile varieties will crop better when there is an additional pollinator of the same or adjacent pollinating group. In most cases good cross-pollination occurs between plums, gages, mirabelles, damsons and bullaces providing they are in the same or adjacent pollinating group.

Cherries: Use, pollination, split and canker resistance

	Colour of fruit	Tree growth ¹	Cullinary use	Pollination group ** good pollinator SF = self fertile ²	Pick	Split resistance ³ 5 = best	Canker Resistance ⁴ 5 = best
Sweet Cherries							
Black Oliver	Dark Red	Spreading	Eating	3	Early Aug	5	4
Celeste	Dark Red	Dwarf	Eating	3 SF	Early July	3	2
Colney	Dark Red	Spreading	Eating	3	Mid Aug	3	3
Early Rivers	Dark Red	Compact	Eating	1	June	4	2
Kordia	Dark Red	Spreading	Eating	5	Mid Aug	3	2
Lapins Cherokee	Black	Upright	Eating	2 SF	Late July	4	3
Merton Glory	Pale Red	Spreading	Eating	2	Mid July	3	3
Noir de Guben	Dark Red	Compact	Eating	1	Late July	4	2
Penny	Black	Spreading	Eating	4 PSF	Late Aug	3	3
Petit Noir	Black	Dwarf	Eating	4 SF	Early Aug	3	3
Regina	Black	Spreading	Eating	3	Mid July	4	2
Skeena	Dark Red	Compact	Eating	4	Early Aug	3	3
Stella	Red	Upright	Eating	4 SF**	Late July	3	5
Summer Sun	Red	Compact	Eating	4	Late July	3	4
Sunburst	Dark Red	Spreading	Eating	4 SF**	Late July	1	3
Sweetheart	Dark Red	Upright	Eating	5 SF**	Late Aug	4	3
Van	Black	Compact	Eating	3 **	Mid July	3	2
Vega	Pale Red	Compact	Eating	3	Late July	3	4
Duke Cherries							
Meteor Korai	Red	Compact	Dual	2 SF	Late June	4	4
Acid Cherries							
Morello	Dark Red	Spreading	Cooking	SF	Late July	4	5
Notes							
<p>¹ Dwarf varieties tend to be weak growing and are best grown on Colt or Gisela 6 semi-dwarf rootstock. Compact varieties are good on Colt, Gisela 6 or the dwarfing rootstock Gisela 5. Unless large trees are required, other varieties are best grown on Gisela 5 rootstock.</p> <p>² Most self fertile varieties are good pollinators. The variety Penny is regarded as partially self fertile. Non self fertile varieties will be pollinated by a different variety of the same or adjacent pollinating group. For example, Vega (group 2) will be pollinated by any variety in pollination groups 1,2, or 3.</p> <p>³ There is considerable variation in the split resistance of the fruit of any given variety. The most influential factors are the weather, the local micro-climate and soil moisture levels. Generally however, cherries are much more prone to splitting when the weather is wet during the ripening period.</p> <p>⁴ Canker resistance varies a lot according to local environment and micro-climate. Well-ventilated and well-drained sites, where the humidity level around the trees tends to be lower, tend to suffer less from canker. The area immediately around the trees should be kept free from vegetation.</p>							

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Woodland Hedging and Shelterbelt Tree Price List January 2019

	Unit Price (euro)				
	1 tree	2-9 trees	10-49 trees	50-199 trees	200+ trees
Barerooted trees (available January-April 2019 and from November 2019)					
Alder, Common (<i>Alnus glutinosa</i>) 1+1 60-100cm	n/a	n/a	1.35	1.04	0.80
Alder, Red (<i>Alnus rubra</i>) 1+1 80-120cm	n/a	4.00	2.81	2.25	1.80
Apple, Crab (<i>Malus sylvestris</i>) 1+1 60-100cm	n/a	n/a	2.28	1.82	1.40
Birch, Downy (<i>Betula pubescens</i>) 1+1 60-100cm	n/a	n/a	1.69	1.30	1.00
Blackthorn (<i>Prunus Spinosa</i>) 1+1 60-100cm	n/a	n/a	1.35	1.04	0.80
Cherry, Wild (<i>Prunus avium</i>) 1+1 60-100cm	n/a	n/a	1.95	1.56	1.20
Cherry, Bird (<i>Prunus padus</i>) 1+1 60-100cm	n/a	n/a	1.95	1.56	1.20
Cockspur Thorn (<i>Crataegus prunifolia</i>) 1+1 60-100cm	n/a	n/a	2.81	2.25	1.80
Dogwood (<i>Cornus sanguinea</i>) 1+1 60-100cm	n/a	n/a	1.69	1.30	1.00
Eleagnus (<i>Eleagnus umbellata</i>) 1+1 60-100cm	n/a	n/a	2.54	1.95	1.50
Eleagnus (<i>Eleagnus umbellata</i>) 1+2 100-140cm	6.00	5.00	4.00	3.20	P.O.A.
Ginkgo (<i>Ginkgo biloba</i>) seed-grown 2yr 15-25cm	n/a	n/a	3.00	2.50	2.00
Ginkgo (<i>Ginkgo biloba</i>) seed-grown 3yr 25-40cm	n/a	n/a	4.20	3.60	P.O.A.
Ginkgo (<i>Ginkgo biloba</i>) seed-grown 4yr 40-70cm	12.50	10.00	9.00	8.10	7.30
Ginkgo (<i>Ginkgo biloba</i>) seed-grown 5yr 70-100cm	18.00	14.40	13.00	11.70	10.50
Hawthorn (<i>Crataegus monogyna</i>) 1+1 60-100cm	n/a	n/a	1.35	1.04	0.80
Hawthorn (<i>Crataegus monogyna</i>) 1+2 100-140cm	n/a	n/a	1.95	1.56	1.20
Hazel, Common (<i>Corylus avelana</i>) 1+1 60-100cm	n/a	n/a	1.95	1.56	1.20
Hazel, Turkish (<i>Corylus colurna</i>) 2+0 80-120cm	6.00	5.00	4.38	3.50	2.80
Hornbeam (<i>Carpinus betulus</i>) 1+1 60-100cm	n/a	n/a	1.95	1.56	1.20
Horse Chestnut (<i>Aesculus hippocastanum</i>) 1+0 60-90cm	n/a	n/a	2.28	1.82	1.40
Lime, Small-leaved (<i>Tilia cordata</i>) 1+1 80-120cm	n/a	n/a	3.13	2.50	2.00
Lime, Small-leaved (<i>Tilia cordata</i>) 2+1 120-160cm	7.00	6.00	4.50	3.20	P.O.A.
Maple, Field (<i>Acer campestre</i>) 1+1 60-100cm	n/a	n/a	1.69	1.30	1.00
Oak, Sessile (<i>Quercus petraea</i>) 1+1 60-100cm	n/a	n/a	2.81	2.25	1.80
Poplar, White (<i>Populus alba</i>) 1+1 60-100cm	n/a	n/a	1.69	1.30	1.00
Robinia (<i>Robinia pseudoacacia</i>) 1+1 60-100cm	n/a	n/a	2.28	1.82	1.40
Rose, Eglantine (<i>Rosa rubiginosa</i>) 2+1 60-100cm	7.00	6.00	4.50	P.O.A.	P.O.A.
Rose, Ramanas (<i>Rosa rugosa</i>) 1+1 50-80cm	n/a	n/a	1.95	1.56	1.20
Rowan (<i>Sorbus aucuparia</i>) 1+1 60-100cm	n/a	n/a	1.69	1.30	1.00
Sea Buckthorn (<i>Hippophae rhamnoides</i>) 1+1 60-100cm	n/a	n/a	1.95	1.56	1.20
Service Tree (<i>Sorbus domestica</i>) 1+0 50-80	7.00	6.00	5.50	4.38	3.50
Spindle (<i>Euonymus europaeus</i>) 1+1 60-100cm	n/a	n/a	2.28	1.82	1.40
Sweet Chestnut, European (<i>Castanea sativa</i>) 1+1 60-100cm	n/a	n/a	2.81	2.34	1.80
Sweet Chestnut, (<i>C.crenata</i> x <i>C.sativa</i>) 1+1 60-100cm	n/a	n/a	4.38	3.50	2.80
Sycamore (<i>Acer pseudoplatinus</i>) 1+1 60-100cm	n/a	n/a	1.69	1.30	1.00
Walnut, Black (<i>Juglans nigra</i>) 1+1 80-100cm	n/a	n/a	3.13	2.50	2.00
Walnut, Hybrid (<i>J. nigra</i> x <i>regia</i>) 1+0 40-60	n/a	n/a	n/a	7.40	6.60
Walnut, Hybrid (<i>J. nigra</i> x <i>regia</i>) 1+0 60-90cm	n/a	n/a	9.50	8.25	7.40
Walnut, Hybrid (<i>J. nigra</i> x <i>regia</i>) 2+0 90-120cm	n/a	n/a	12.00	10.00	9.20
Walnut, Hybrid (<i>J. nigra</i> x <i>regia</i>) 2+1 120-160cm	20.00	18.00	16.00	14.40	13.00
Walnut, European (<i>Juglans regia</i>) 1+1 80-100cm	n/a	n/a	3.91	3.13	2.50
Whitebeam, Swedish (<i>Sorbus intermedia</i>) 1+1 60-100cm	n/a	n/a	2.80	2.25	1.80
Willow, Eared (<i>Salix autita</i>) 1+1 60-100cm	n/a	n/a	1.95	1.56	1.20
Willow, Goat (<i>Salix caprea</i>) 1+0 60-100cm	n/a	n/a	1.69	1.30	1.00
Willow, Grey (<i>Salix cinera</i>) 1+0 60-100cm	n/a	n/a	1.69	1.30	1.00
Willow, Creeping (<i>Salix repens</i>) 1+1 60-100cm	n/a	n/a	2.28	1.82	1.40

Key: The first set of numbers refer to the number of years grown prior to transplanting, plus the number of additional years grown on, if any. For example, 2+1 indicates two years plus an additional year after transplanting. Usually roots are pruned at the time of transplanting (this reduces subsequent root damage when the trees are planted out into their final location). The second set of numbers refers to the height.

Woodland Hedging and Shelterbelt Tree Price List January 2019

Container-grown trees/bushes (supplied all year subject to availability)

	Unit Price (euro)					
	1 tree	2 trees	3-9 trees	10-49 trees	50-199 trees	200+ trees
Gorse, European (<i>Ulex europaeus</i>) 3yr 40-70cm 5L	6.50	5.50	5.00	4.38	3.50	P.O.A
Holly (<i>Ilex aquifolium</i>) 30-40cm P9 pot	n/a	n/a	n/a	3.13	2.50	2.00
Holly (<i>Ilex aquifolium</i>) 40-60cm 2.5L pot	6.50	5.50	5.00	4.38	3.50	P.O.A.
Holly (<i>Ilex aquifolium</i>) 50-80 cm 7L pot	10.00	9.00	8.00	7.20	6.50	P.O.A.
Holly (<i>Ilex aquifolium</i>) 60-100 cm 12L pot	15.00	13.50	12.00	10.50	P.O.A.	P.O.A.
Holly (<i>Ilex aquifolium</i>) 80-125 cm 25L pot	25.00	22.00	20.00	18.00	P.O.A.	P.O.A.
Monkey Puzzle (<i>Araucaria araucana</i>) 2yr 12-20cm P9	10.00	8.80	7.80	6.90	6.50	P.O.A.
Monkey Puzzle (<i>A. araucana</i>) 3yr 20-30cm 3L airpot	15.00	13.50	12.00	10.50	9.50	P.O.A.
Monkey Puzzle (<i>A. araucana</i>) 4yr 30-50cm 9L airpot	25.00	22.00	20.00	18.00	16.50	P.O.A.
Monkey Puzzle (<i>A. araucana</i>) 5yr 50cm+ 25L airpot	50.00	45.00	40.00	35.00	30.00	P.O.A.
New Zealand Flax (<i>Phormium tenax</i>) 2yr 3L airpot	6.50	5.50	5.00	4.38	3.50	P.O.A.
Oak, Holm (<i>Quercus ilex</i>) 2yr 15-25cm plug	n/a	n/a	n/a	n/a	3.13	2.50
Oak, Holm (<i>Quercus ilex</i>) 3yr 25-40cm 3L airpot	6.00	5.00	4.50	4.00	3.60	3.20
Oak, Holm (<i>Quercus ilex</i>) 3yr 30-45cm 7L pot	7.50	6.50	5.90	5.40	5.00	n/a
Oak, Holm (<i>Quercus ilex</i>) 4yr 40-60cm 9L airpot	10.00	9.00	8.10	7.20	6.50	n/a.
Oak, Holm (<i>Quercus ilex</i>) 5yr 60-90cm 15L pot	16.00	14.50	13.00	11.50	10.35	n/a
Oak, Cork (<i>Quercus suber</i>) 3yr 25-40cm 3L airpot	7.00	6.00	5.40	4.80	4.30	3.90
Oak, Cork (<i>Quercus suber</i>) 4yr 40-60cm 9L airpot	14.00	12.00	10.80	9.60	P.O.A.	P.O.A.
Pine, Swiss Stone Pine (<i>Pinus cembra</i>) 2yr 7-12cm P9	n/a	n/a	n/a	3.60	3.00	2.40
Pine, Swiss Stone Pine (<i>Pinus cembra</i>) 3yr 12-20cm 3L airpot	8.40	7.40	6.50	6.00	5.60	P.O.A.
Pine, Swiss Stone Pine (<i>Pinus cembra</i>) 4yr 20-30cm 9L airpot	16.80	14.40	13.00	12.00	11.20	P.O.A.
Pine, Macedonian (<i>Pinus peuce</i>) 2yr 12-20cm P9 pot	n/a	n/a	n/a	3.13	2.50	2.00
Pine, Macedonian (<i>Pinus peuce</i>) 3yr 20-30cm 3L airpot	7.00	6.00	5.40	4.80	4.30	P.O.A.
Pine, Macedonian (<i>Pinus peuce</i>) 4yr 30-50cm 7L pot	10.50	9.00	8.10	7.20	6.45	P.O.A.
Pine, Maritime (<i>Pinus pinaster</i>) 60-100cm 9L airpot	10.00	8.80	7.80	7.20	P.O.A.	P.O.A.
Pine, Maritime (<i>Pinus pinaster</i>) 90-125cm 25L pot	15.00	13.50	12.00	10.50	P.O.A.	P.O.A.
Pine, Mediterranean (<i>Pinus pinea</i>) 2yr 15-25cm plugs	n/a	n/a	n/a	n/a	3.50	2.80
Pine, Mediterranean (<i>Pinus pinea</i>) 3yr 25-40cm 3L airpot	10.00	8.80	7.80	7.20	6.50	5.90
Pine, Mediterranean (<i>Pinus pinea</i>) 3yr 40-60cm 3L airpot	15.00	13.50	12.00	10.50	9.50	8.50
Pine, Mediterranean (<i>Pinus pinea</i>) 4yr 60-75cm 9L airpot	24.00	22.00	20.00	18.00	16.50	P.O.A.
Pine, Mediterranean (<i>Pinus pinea</i>) 5yr 75cm-100cm 25L airpot	50.00	45.00	40.00	35.00	30.00	P.O.A.
Pine, Mediterranean (<i>Pinus pinea</i>) 6yr 100cm-125cm 45L pot	70.00	63.00	56.00	50.00	P.O.A.	P.O.A.
Pine, Mediterranean (<i>Pinus pinea</i>) 7yr 125cm+ 70L pot	90.00	81.00	72.00	65.00	P.O.A.	P.O.A.
Pine, Dwarf Siberian (<i>Pinus pumila</i>) 2yr 7-12cm P9 pot	n/a	n/a	n/a	3.60	3.00	2.40
Pine, Dwarf Siberian (<i>Pinus pumila</i>) 3yr 12-20cm 3L airpot	8.40	7.40	6.50	6.00	5.60	P.O.A.
Pine, Dwarf Siberian (<i>Pinus pumila</i>) 4yr 20-30cm 9L airpot	16.80	14.80	13.00	12.00	11.20	P.O.A.
Pine, Digger (<i>Pinus sabiniana</i>) 2yr 20-30cm 3L airpot	15.00	13.50	12.00	10.50	P.O.A.	P.O.A.
Pine, Digger (<i>Pinus sabiniana</i>) 2yr 30-45cm 9L airpot	25.00	22.00	20.00	18.00	P.O.A.	P.O.A.
Pine, Siberian (<i>Pinus siberica</i>) 3yr 7-12cm 3L airpot	10.00	8.80	7.80	7.20	6.50	5.90
Pine, Siberian (<i>Pinus siberica</i>) 4yr 12-20cm 3L airpot	15.00	13.50	12.00	10.50	9.50	8.50
Pine, Siberian (<i>Pinus siberica</i>) 5yr 20-30cm 9L airpot	25.00	22.00	20.00	18.00	P.O.A.	P.O.A.
Pine, Siberian (<i>Pinus siberica</i>) 6yr 30-50cm 15L pot	37.50	33.00	30.00	27.00	P.O.A.	P.O.A.
Pine, Blue (<i>Pinus wallichiana</i>) 2yr 12-20cm P9 pot	n/a	n/a	n/a	3.60	3.00	2.40
Pine, Blue (<i>Pinus wallichiana</i>) 3yr 30-45cm 3L airpot	8.40	7.40	6.50	6.00	5.60	P.O.A.
Pine, Blue (<i>Pinus wallichiana</i>) 4yr 40-60cm 12L pot	15.00	13.50	12.00	10.50	9.50	P.O.A.
Redwood, Dawn (<i>Metasequoia glyptostroboides</i>) 2yr 30-50cm P9 pot	n/a	n/a	n/a	4.30	3.50	2.80
Redwood, Dawn (<i>Metasequoia glyptostroboides</i>) 3yr 50-80cm 3L airpot	10.00	8.80	7.80	7.20	6.50	5.90
Redwood, Dawn (<i>Metasequoia glyptostroboides</i>) 4yr 80-120cm 12L pot	20.00	17.60	15.60	14.40	13.00	P.O.A.
Swamp Cypress, Chinese (<i>Glyptostrobus pensilis</i>) 2yr 30-50cm 3L airpot	15.00	13.50	12.00	10.50	9.50	8.50

Key to container sizes: P9 pots are approx 9 x 9 x 9cm high. All other pots are listed according to their size in litres. For example 3L indicates a 3 litre pot.

Woodland Hedging and Shelterbelt Tree Order Form January 2019

	Quantity, Size, Unit Price	Total Price
Total (please note minimum order size is normally €100)		
Carriage (barerooted trees please add 25 percent) Please contact us for a quote for container-grown trees		
Total Amount incl. carriage		

Cheques, drafts or postal orders should be made payable to the Sustainability Institute

Please send to: Fruit and Nut, Glann West, Charlestown, Co. Mayo F12 DN44 phone 087 6714075 or email office@fruitandnut.ie.

Rootstock and Graftwood Price List January 2019

Rootstocks (supplied February-April 2019)

	Price per unit (€)			
	10-20 units	30-50 units	60-190 units	200+ units
Apple Rootstocks				
M25 (Vigorous) 2yr 9-11mm	2.60	2.20	1.87	1.59
M111 (Vigorous, tolerance of wetter soils) 2yr 9-11mm	2.60	2.20	1.87	1.59
MM106 (Moderately vigorous) 2yr 9-11mm	2.60	2.20	1.87	1.59
M116 (Medium sized, good disease resistance) 2yr 7-9mm	3.20	2.70	2.30	1.95
M26 (Moderately dwarfing) 2yr 9-11mm	2.60	2.20	1.87	1.59
M9 (Dwarfing) 2yr 9-11mm	2.60	2.20	1.87	1.59
M27 (Ultra-dwarfing) 2yr 9-11mm	2.95	2.50	2.13	1.81
Pear Rootstocks				
<i>Pyrus communis</i> (Vigorous) 2yr 7-9mm	2.30	1.95	1.66	1.41
<i>Pyrus Kirchsaller</i> (Vigorous, precocious) 2yr 7-9mm	2.60	2.20	1.87	1.59
Pyrodwarf (Moderately vigorous) 2yr 9-11mm	4.85	4.11	3.50	P.O.A.
Swedish Whitebeam (Slightly dwarfing) 2yr	2.80	2.80	2.25	1.80
Rowan (Semi-dwarfing) 2yr	1.69	1.69	1.30	1.00
Quince BA29 (Slightly dwarfing) 2yr 11-13mm	2.95	2.50	2.13	1.81
Quince A (Semi-dwarfing) 2yr 9-11mm	2.60	2.20	1.87	1.59
Quince EMH (Dwarfing, heavy cropper) 2yr 7-9mm	2.95	2.50	2.13	1.81
Quince C (Dwarfing) 2yr 7-9mm	2.60	2.20	1.87	1.59
Plum/Damson Rootstocks				
Myrobalen B (Very vigorous)	2.60	2.20	1.87	1.59
Brompton (Vigorous)	2.60	2.20	1.87	1.59
Jaspi (Semi-vigorous, tolerance of wetter soils) 2yr 9-11mm	4.85	4.11	3.50	P.O.A.
St. Julien A (Semi-vigorous) 2yr 9-11mm	2.60	2.20	1.87	1.59
Plumina (Semi-dwarfing, heavy cropper) 2yr 9-11mm	4.85	4.11	3.50	P.O.A.
Pixy (Semi-dwarfing) 2yr 9-11mm	2.95	2.50	2.13	1.81
Cherry Rootstocks				
F.12.1 (Very vigorous) 2yr 9-11mm	2.60	2.20	1.87	1.59
Mahaleb (Vigorous) 2yr 9-11mm	2.60	2.20	1.87	1.59
MxM14 (Semi-vigorous, good canker resistance) 2yr 9-11mm	2.60	2.20	1.87	1.59
Colt (Medium sized) 2yr 9-11mm	2.90	2.50	2.13	1.81
Gisela 6 (Semi-dwarfing) 2yr 11-13mm	4.85	4.11	3.50	2.98
Gisela 5 (Dwarfing) 2yr 7-9mm	4.00	3.40	2.89	2.46
Graftwood (supplied February-April)				
Apple varieties (including cider): Ashmeand's Kernel, Bardsey, Bramley's Seedling, Cornish Aromatic, Court of Wick, Court Pendu Plat, Dabinette, Discovery, Egremont Gennet Moyle, Greensleeves, Grenadier, Harry Masters, Lemon Pippin, Morgan's Sweet, Orleans Reinette, Reverend W Wilks, Rosemary Russet, St Edmunds Russet, Tom Putt				
Pear varieties: Beth, Black Worcester, Buerré Hardy, Catillac, Concorde, Conference, Durondeau, Fondante d'Automne, Jargonelle, Louis Bonne of Jersey, Onward, Précoce de Trévoux, Shipover				
Perry Pear varieties: Gin, Hendre Huffcap, Thorn, Winnal's Longdon, Yellow Huffcap				
Price: €6.00 per length (sufficient for 3-5 grafts) €40.00 per 10 lengths				
Grafting Tape				
Polythene grafting tape, 25mm, white or clear: €15.00 per roll (sufficient for approx 600-750 grafts). 5 rolls €50.00				
Parafilm biodegradable grafting tape, 25mm: €10.00 per roll (sufficient for approx 50 grafts); Box of 6 rolls €50.00; Case of 72 rolls €400.00; 3 or more cases €350.00 ea				

Rootstocks, Graftwood and Grafting Tape Order Form

Please note that rootstocks sell out very early - popular varieties are sold out as early as November. To avoid disappointment, large orders should be placed as early as possible. International enquiries welcome - see delivery charges below. Minimum quantity of any variety = 10 rootstocks (20 for international orders). Minimum order size for despatched orders: Ireland = €75; N.Ireland €100; Britain €150; rest of EU €200

Rootstock Delivery Charges (€)						Graftwood and Grafting Tape Delivery Charges (€)	
Ireland		Northern Ireland	England/ Scotland/Wales		Other EU and EEA countries	Ireland (incl. N.Ireland)	International (EU and EEA)
Quantity	Cost	Cost	Quantity	Cost	Cost	Small quantities delivered free if ordered with rootstocks otherwise minimum charge €6.00 (For larger orders please ask for quote)	Small quantities delivered free if ordered with rootstocks otherwise minimum charge €15.00 (For larger orders please ask for quote)
30-50	17.50	25.00	40-50	50.00	65.00		
60-100	25.00	35.00	60-100	62.50	80.00		
110-150	32.50	45.00	110-150	75.00	100.00		
160-200	40.00	55.00	160-200	85.00	125.00		
210-250	47.50	65.00	210-250	95.00	150.00		
260-300	55.00	75.00	260-300	105.00	175.00		
310-500	70.00	95.00	260-500	175.00	225.00		
510-1000	100.00	130.00	510-1000	250.00	350.00		

Rootstocks			
Rootstocks (variety)	Quantity	Unit Price	Total Price
Total amount			
Carriage			
Total Amount incl Carriage			

Graftwood and Grafting Tape			
Graftwood (variety)	Quantity	Unit Price	Total Price
Grafting Tape (state type)	Quantity	Unit Price	Total Price
Total amount Graftwood and Grafting Tape			
Carriage (see above)			
Total amount incl carriage			

Total amount Rootstocks, Graftwood and Grafting Tape	
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