



LETTUCE,

coloured leaf types

Entries receiving
The Award of Garden Merit (H3)

LOLLO ROSSO TYPE



'Lollo rossa - Assor' AGM (H3) 2003 Votes 6-2. Sent by and available from Johnsons Seeds. Deeply frilled and crumpled leaves are pale green, tipped light bronze-red. Non-hearting plant. Size at cropping; height 20cm, spread 32cm. *A selection of Lollo Rossa with a large frame and pale green leaves, tipped pink. Uniform plants.*



'Nika' AGM (H3) 2003 Votes 6-2. Sent by and available from D T Brown & Co. Deeply frilled and crumpled leaves are deep bronze-red grading to green at the base. Non-hearting plant. Size at cropping; height 15cm, spread 30cm. *A medium red, Lollo Rosso type with good mildew resistance. Slow to bolt.*

OAK LEAF OR SALAD BOWL TYPE



'Bronze Guard' AGM (H3) 2003 Votes 7-0. Sent by Western Hybrid Seeds Inc. Available from Unwins Seeds, E W King Ltd, Tozer Seeds Ltd and Sakata U K Ltd. Long, cleft, wavy leaves are medium to dark green, tipped bronze. Non-hearting plant. Size at cropping; height 30cm, spread 40cm. *Oak-leaved type with long, bronze tipped, medium to dark green leaves. Vigorous, large framed, uniform plants. Slow to bolt.*



'Cerize' AGM (H3) 2003 Votes 8-0. Sent by and available from Suttons Seeds.

Broad, cleft and very wavy leaves are deep, bright, cherry-red, grading to pale green at the base. Non-hearting plant. Size at cropping; height 23cm, spread 40cm.

Oak leaved type. Uniform plants with a large frame and attractive deep, bright cherry red leaves. Slow to bolt.



'Lone Oak' AGM (H3) 2003 Votes 6-1. Sent by Elsoms Seeds Ltd.

Deeply cleft, wavy leaves are deep, dark red over green. Non-hearting plant. Size at cropping; height 28cm, spread 43cm.

Oak leaf type. Large, spreading, lax frame with good deep colour.



'Delicato' AGM (H3) 2003 Votes 8-0. Sent and maintained by Bakker Brothers. Available from Unwins Seeds and Mr Fothergill's Seeds.

Deeply cleft to incised leaves are cherry-red grading to pale green at the base. Non-hearting plant. Size at cropping; height 20cm, spread 43cm.

Oak leaved type with attractive cherry red colour. Uniform plants. Slow to bolt.

BATAVIAN TYPE



'Bijou' AGM (H3) 2003 Votes 8-0. Also received AGM (H3) 2003 for decoration. Sent by and available from Mr Fothergill's Seeds.

Frilled and blistered, glossy leaves are a bright, deep red. Size at cropping; height 25cm, spread 37cm.

Very attractive batvian type with bright red, glossy colour and good flavour. Uniform plants with a fairly small frame. Slow to bolt.

'Tbis' AGM (H3) 2003 Votes 7-1. Sent by and available from S E Marshall & Co Ltd. Frilled and blistered leaves are medium to dark green, grading to pale green at base, with brightly bronzed upper third. Size at cropping; height 30cm, spread 42cm. *Medium-large framed batvian type. Medium to dark green, blistered leaves with bright bronze leaf tips, good flavour.*



'Barosso' AGM (H3) 2003 Votes 7-0. Sent and maintained by Bakker Brothers. Available from Mr Fothergill's Seeds and Unwins Seeds. Frilled and blistered leaves are medium green, tinged with bright red, deeper colour at the tip. Size at cropping; height 28cm, spread 45cm. *Batavian type. Vigorous, large framed lettuce with a bright red tinge to the leaves.*



'Barocci' AGM (H3) 2003 Votes 7-1. Sent and maintained by Bakker Brothers. Available from Mr Fothergill's Seeds and Thompson & Morgan Ltd. Blistered leaves are bright, deep, glossy red, grading through medium to pale green at base. Size at cropping; height 30cm, spread 45cm. *Batavian type. Large framed plants with a fairly open habit and medium vigour. Leaves are a bright, deep, glossy red.*

SEAWEED LEAVED TYPE



'Pentared' AGM (H3) 2003 Votes 8-0. Also received AGM (H3) 2003 for decoration. Sent by and available from Thompson & Morgan Ltd. Dark red, blistered leaves are dissected into long lobes with frilled edges. Size at cropping; height 20cm, spread 35cm. *Attractive dark red, "Seaweed-leaved" lettuce, so named because the deeply cut leaves separate easily when the base of the stalk is cut off. Very slow to bolt.*

MIDI COS TYPE



'Rusty' AGM (H3) 2003 Votes 7-1. Sent by and available from Suttons Seeds.

Lightly blistered leaves are dark emerald green, blushed red. Size at cropping; height 37cm, spread 37cm.

Uniform Midi-cos, with a small erect frame. Dark, emerald green leaves are blushed red.

BUTTERHEAD TYPE, (Also known as Marvel Of Four Seasons type)



'Roxy' AGM (H3) 2003 Votes 8-0. Sent by and available from Mr Fothergill's Seeds.

Gently wavy and blistered leaves are medium to dark green, tipped bronze. Size at cropping; height 23cm, spread 40cm.

Very uniform butterhead. Attractive medium to dark green, bronze tipped leaves. Slow to bolt.



'Sangria' AGM (H3) 2003 Votes 7-1. Sent by and available from Mr Fothergill's Seeds.

Gently wavy leaves are pale green, heavily blushed pinkish-red in the top quarter. Size at cropping; height 26cm, spread 40cm.

Butterhead with soft, loose leaves and a large frame. Its pale green leaves are tipped pinkish-red.

CRISP TYPE



'Sioux' AGM (H3) 2003 Votes 7-0. Sent by and available from Mr Fothergill's Seeds. Also offered by and available from N L Chrestensen.

Crisp, lightly frilled leaves; green at the heart, with outer leaves blushed red at the tips. Size at cropping – height 30cm, spread 45cm.

Crisp type with smooth leaves. Producing a large frame, having a green heart with outer leaves tipped red. Slow to bolt.


LITTLE GEM TYPE



'Pandero' AGM (H3) 2003 Votes 8-0. Sent by and available from Unwins Seeds Ltd.

Slightly waved and blistered leaves are flushed deep red over dark green. Size at cropping; height 21cm, spread 23cm.

Little gem type. Very attractive, uniform plants having a small frame, with leaves flushed deep red over dark green.

The following entries cannot receive the AGM ^{H3} recommended to them until queries on naming/availability have been resolved. It is the responsibility of the sender to inform the Trials Office at Wisley that all queries have been resolved.



'Exbury' Sent by A L Tozer Ltd. Not yet available in retail.

Blistered leaves with lightly frilled edges are very bright, glossy red, grading to green at the base. Size at cropping; height 30cm, spread 35cm.

Cos type with very bright red, glossy, erect leaves.



'Great Dixter' Sent by A L Tozer Ltd. Not yet available in retail.

Lightly blistered leaves are dark red with green mid-rib and base. Size at cropping; height 38cm, spread 38cm.

Uniform Midi-cos type, with attractive red leaves with green midribs and good leaf texture. Very slow to bolt.



'Morello' Sent by A L Tozer Ltd. Not yet available in retail.

Deeply frilled leaves are deep bronze/cherry red. Size at cropping; height 18cm, spread 25cm.

Uniform deeply cut Lollo Rosso type. Slow to bolt. Deep colour and a good dome shape on a frame slightly smaller than others of this type.

'Mottistone' Sent by A L Tozer Ltd. Not yet available in retail.

Slightly frilled and blistered leaves are pale to mid green with red flecks. Flecking extends into the heart. Size at cropping; height 23cm, spread 32cm.

Medium framed batvian type lettuce. Very distinctive and pronounced red flecks on pale to mid green leaves, the flecks extend into the heart.



'Nymans' Sent by A L Tozer Ltd. Not yet available in retail.

Gently waved leaves are deep, glossy red, grading to bright green at the base. Size at cropping; height 22cm, spread 30cm.

Midi-cos. Very attractive, deep red colour on glossy leaves. Slow to bolt.



'Oscarde' Sent by Pro-Veg Seeds Ltd. Not yet available in retail.

Slightly blistered, cleft, wavy leaves are deep red. Size at cropping; height 20cm, spread 35cm.

Oak leaved type. Deep red colour, with red colour extending to the base of the leaf so that the heart is also coloured.

'Sentry' Sent by Pro-Veg Seeds Ltd. Not yet available in retail.

Frilled and blistered leaves are very dark, glossy red to top half of leaf with green base. Size at cropping; height 18cm, spread 26cm.

Attractive, good deep red colour with bright green, crisp heart on a fairly small-framed plant.



'Trebah' Sent by A L Tozer Ltd. Not yet available in retail.

Blistered leaves are bright green, blushed red. Size at cropping; height 35cm, spread 32cm.

Midi-cos, with attractive, bright green leaves that are blushed red. Slow to bolt.



SSC 30513 Sent by Pro-Veg Seeds Ltd. Subject to naming and availability.

Soft textured, blistered leaves are bright, glossy red at the top, grading to green at the base. Size at cropping; height 25cm, spread 35cm.

Midi-cos type. Soft textured leaves, bright red glossy leaf tips with the colour grading to the base of the dark green leaves. Slow to bolt.



'Mikola' Sent by Edwin Tucker & Sons Ltd. No longer available in retail.

Wavy leaves are green, blushed and tipped bronze. Size at cropping; height 25cm, spread 38cm.

Butterhead with medium size frame. Tidy heads with bronze tipped, green leaves, and solid hearts. Slow to bolt.

Trial Notes

Objective: To compare and assess a range of summer cropping, coloured leaf lettuce, for the Award of Garden Merit [AGM] 🏆 and to demonstrate the cultivation of such a crop.

Entries: There were 62 entries in the trial submitted by various seed companies in the UK, Europe and USA. 25 of the frilly-leaved cultivars were also grown at the RHS Gardens Harlow Carr and at Rosemoor.

Cultivator: The ground at Wisley was cultivated incorporating mushroom compost, then sterilised with Basamid in the autumn of 2002. Seed was stored in a fridge prior to sowing, at all three sites, under glass during the second week in May, into p40 modules using modular compost. Seeds were drenched after sowing with Aliette against downy mildew, germinated at 10 - 15°C under mist, and thinned to leave one seedling in each cell. Where pelleted seed was supplied, one seed only per cell was sown. The plants were grown on in cool conditions and sprayed against downy mildew every fortnight.

Entries were planted out at Wisley on 29th May, at Rosemoor on 7 June and at Harlow Carr on 9 June. Plants were spaced either 38cm apart in rows 34cm apart, or, for the small cultivars, 30cm apart in rows spaced 20cm apart. Three rows [3.6m long] of each entry were grown. Plants were sprayed with insecticide against aphids as required.

Findings

As a result of the plot at Wisley having been sterilised with Basamid, there had been virtually no weeds and it had not been necessary to hoe. The crop had been irrigated three times at Wisley and throughout June at Harlow Carr, where it had been very dry. June had been much drier than in an average year at Wisley with only 28.6mm of rain, and warmer with a mean daily maximum temperature of 23.4°C. July was also slightly warmer (mean daily maximum 23.9°C), while August was very dry (only 16.6mm of rainfall) and hot (mean daily maximum of 27.1°C; hottest day 35.7°C on 6 August).

When judging the trial the Subcommittee considered the requirements of both the gardener and commercial growers. Commercially the darker colours are favoured, but leaf shape and texture (not too soft or floppy as they must withstand processing) are also important. These coloured leaf lettuce are prone to throwing mutations, and commercially no more than 1% of variable plants in a crop would be acceptable. Gardeners would be more likely to sow for a succession of cropping and use a range of cultivars. They would also value slowness to bolt [see appendix 1]. Generally the coloured leafed cultivars have a more bitter flavour. Increasingly lettuces are being used for garden decoration both in the ornamental vegetable garden and in floral displays, so the trial was also judged for use as foliage plants for garden decoration by the Floral Trials Subcommittee. This committee assess the trial four times during July 2003 and considered: foliage colour, foliage form and length of display.

The trial at Wisley was left in the ground until the end of July so that a record could be made of when 50% of the plants in each entry bolted. The crop withstood the hot weather at Wisley very well, and many entries at Rosemoor stood until the first week in August. At Harlow Carr a second sowing was made in late July to provide plants for an attractive bedding display.

Judging:

The trial was judged by the Vegetable Trials Subcommittee on 1 July at Wisley and on 16 July 2003 at Harlow Carr and the Award of Garden Merit (AGM) was recommended to 26 cultivars.

The Vegetable Trials Subcommittee considered the following criteria:

colour : shape : size : density : frilling
freedom from pests and disease

AWARD	NAME	SENDER
AGM(H3)2003	'Barocci'	Bakker Bros
AGM(H3)2003	'Barosso'	Bakker Bros
AGM(H3)2003	'Bijou'	Fothergill's
AGM(H3)2003	'Bronze Guard'	Western Hybrid
AGM(H3)2003	'Cerize'	Suttons
AGM(H3)2003	'Delicato'	Bakker Bros
AGM(H3)2003	'Ibis'	Marshalls
AGM(H2-3)1995		
AGM(H3)2003	'Lollo rossa - Assor'	Johnsons Seeds
AGM(H3)2003	'Lone Oak'	Elsoms Seeds

AGM(H3)2003	'Nika'	D T Brown
AGM(H3)2003	'Pandero'	Unwins
AGM(H3)2003	'Pentared'	Thompson & Morgan
AGM(H3)2003	'Roxy'	
AGM(H3)2002		Fothergill's
AGM(H3)2003	'Rusty'	Suttons
AGM(H3)2003	'Sangria'	Fothergill's
AGM(H3)2002		
AGM(H3)2003	'Sioux'	Fothergill's
AGM(H3)2003 STA	'Exbury'	Tozer
AGM(H3)2003 STA	'Great Dixter'	Tozer
AGM(H3)2003 STA	'Mikloa'	Tucker
AGM(H3)2003 STA	'Morello'	Tozer
AGM(H3)2003 STA	'Mottistone'	Tozer
AGM(H3)2003 STA	'Nymans'	Tozer
AGM(H3)2003 STA	'Oscarde'	Pro Veg
AGM(H3)2003 STA	'Sentry'	Pro Veg
AGM(H3)2003 STA	SSC 30513	Pro Veg
AGM(H3)2003 STA	'Trebah'	Tozer
AGM (H3) 2001	'Blush' F ₁	Unwins
AGM(H2-3)1995	'Cocarde'	Johnsons Seeds
AGM(H3)1999 + 2000	'Kendo'	D T Brown
AGM(H3)1999	'Little Leprechaun'	Tozer
AWARD	NAME	SENDER
AGM'95(H2-3)*	'Lollo Rossa'	Unwins
AGM(H2-3)1995	'Red Salad Bowl'	Dobies
	'Amerikanischer Brauner'	Chrestensen
	'Asian Red'	Western Hybrid
	'Barbarossa'	Chrestensen
	'Burgandy Boston'	Western Hybrid
	'Cardinale'	Marshalls
	'Carmen'	Pro Veg
	'Flamenco'	Fothergill's
	'Focea'	Pro Veg
	'Freckles'	Tozer
	'Gaillarde'	Pro Veg
	'Gladys'	Pro Veg
	'Grenoble Red'	Tucker
	'Lumina'	Unwins
	'Majesty'	Pro Veg
	'Majestic Red'	Western Hybrid
	'Manade'	Pro Veg
	'Mascara'	Tozer
	'Mira'	Unwins
	'Picarde'	Pro Veg
	'Pirat'	Chrestensen
	'Redina'	Marshalls
	'Revolution'	Thompson & Morgan
	'Rosny'	Pro Veg

'Sierra'	D T Brown
'Sovereign'	Pro Veg
'Storina'	Pro Veg
'Stourhead'	Tozer
'Vanoise'	Marshalls
'Wonder of Four Seasons'	Unwins
SSC 30543	Pro Veg

* Fothergill's and Marshalls maintgenance only

H3 = plants hardy outside in some regions or in particular situations or which, whilst usually grown outside in summer, need frost-free protection in winter.

Name and Address of Senders

Bakker Brothers, Oostelyke Randweg 12, 1723 LH Noord-Scharwoude, Netherlands

N L Chrestensen, Erfurter Samen und Pflanzenzucht GmbH, Postfach 854, 99016 Erfurt, Germany

D T Brown & Co, Gazeley Road, Kentford, Newmarket, Suffolk CB8 7QB

Samuel Dobie & Son , Long Road, Paignton, Devon, TQ4 7SX

Elsoms Seeds Ltd, Pinchbeck Road, Spalding, Lincs PE11 1QG

Mr Fothergill's Seeds, Gazeley Road, Kentford, Newmarket, Suffolk CB8 7QB

Johnsons Seeds, Gazeley Road, Kentford, Newmarket, Suffolk CB8 7QB

S E Marshall & Co Ltd, Regal Road, Wisbech, Cambridgeshire, PE13 2RF

Pro-Veg Seeds Ltd, 6 Shingay Lane, Sawston, Cambridge CB2 4SS

Suttons Consumer Products Ltd, Woodview Road, Paignton, Devon TQ4 7NG

Thompson & Morgan Ltd, Poplar Lane, Ipswich, Suffolk IP8 3BU

A L Tozer Ltd, Pyports, Downside Bridge Road, Cobham, Surrey KT11 3EH

Edwin Tucker & Sons Ltd , Brewery Meadow, Stonepark, Ashburton, Devon TQ13 7DG

Unwins Seeds Ltd, Impington Lane, Histon, Cambridge CB4 4LE

Western Hybrid Seeds Inc, P O Box 1169, Hamilton City, CA 95951, USA

Appendix 1

Lettuce, coloured leaf types, Bolting Dates 2003

Harlow Carr planted 9/6/03

Rosemoor planted 7/6/03

Wisley planted 29/5/03

No.	Name	Sender	Bolting At Wisley	Bolting At Rosemoor
1	SSC 30543	Pro Veg	25/07/03	Not Bolted
2	'Morello'	Tozer	18/07/03	22/07/2003
3	'Amerikanischer Brauner'	Chrestensen	14/07/03	15/07/2003
4	'Lollo Rossa'	Unwins	14/07/03	18/07/2003
5	'Lollo rossa - Assor'	Johnsons Seeds	14/07/03	18/07/2003
6	'Majesty'	Pro Veg	25/07/03	Not Bolted
7	'Sentry'	Pro Veg	18/07/03	05/08/2003
8	'Bronze Guard'	Western Hybrid	18/07/03	18/07/2003
9	'Cerize'	Suttons	18/07/03	05/08/2003
10	'Flamenco'	Fothergill's	14/07/03	05/08/2003
11	'Oscarde'	Pro Veg	14/07/03	05/08/2003
12	'Picarde'	Pro Veg	18/07/03	05/08/2003
13	'Red Salad Bowl'	Dobies	14/07/03	18/07/2003
14	'Stourhead'	Tozer	14/07/03	05/08/2003
15	'Lone Oak'	Elsoms Seeds	18/07/03	22/07/2003
16	'Cocarde'	Johnsons Seeds	18/07/03	21/07/2003
17	'Gaillarde'	Pro Veg	14/07/03	05/08/2003
18	'Delicato'	Bakker Bros	18/07/03	05/08/2003
19	'Mascara'	Tozer	14/07/03	18/07/2003
20	'Bijou'	Fothergill's	18/07/03	05/08/2003
21	'Ibis'	Marshalls	14/07/03	18/07/2003
22	'Cardinale'	Marshalls	23/07/03	05/08/2003
23	'Pentared'	Thompson & Morgan	23/07/03	05/08/2003
24	'Revolution'	Thompson & Morgan	23/07/03	05/08/2003
25	'Barosso'	Bakker Bros	14/07/03	18/07/2003
26	'Asian Red'	Western Hybrid	25/07/03	
27	'Lumina'	Unwins	14/07/03	
28	'Barocci'	Bakker Bros	14/07/03	
29	'Vanoise'	Marshalls	25/07/03	
30	'Redina'	Marshalls	14/07/03	
31	'Gladys'	Pro Veg	29/07/03	
32	'Storina'	Pro Veg	29/07/03	
33	'Mottistone'	Tozer	18/07/03	
34	'Carmen'	Pro Veg	Not Bolted	
35	'Manade'	Pro Veg	Not Bolted	
36	'Exbury'	Tozer	14/07/03	
37	'Sovereign'	Pro Veg	23/07/03	
38	'Sierra'	D T Brown	Not Bolted	
No.	Name	Sender	Bolting At Wisley	Bolting At Rosemoor

39	'Roxy'	Fothergill's	18/07/03	
40	'Burgandy Boston'	Western Hybrid	14/07/03	
41	'Barbarossa'	Chrestensen	14/07/03	
42	'Grenoble Red'	Tucker	27/06/03	
43	'Mikola'	Tucker	18/07/03	
44	'Mira'	Unwins	14/07/03	
45	'Nika'	D T Brown	25/07/03	
46	'Pirat'	Chrestensen	18/07/03	
47	'Wonder of Four Seasons'	Unwins	14/07/03	
48	'Sangria'	Fothergill's	Not Bolted	
49	'Majestic Red'	Western Hybrid	18/07/03	
50	SSC 30513	Pro Veg	18/07/03	
51	'Little Leprechaun'	Tozer / Suffolk Herbs	18/07/03	
52	'Freckles'	Tozer Seeds	18/07/03	
53	'Great Dixter'	Tozer	23/07/03	
54	'Rusty'	Suttons	18/07/03	
55	'Trebah'	Tozer	18/07/03	
56	'Nymans'	Tozer	18/07/03	
57	'Sioux'	Fothergill's	18/07/03	
58	'Focea'	Pro Veg	18/07/03	
59	'Pandero'	Unwins	18/07/03	
60	'Rosny'	Pro Veg	18/07/03	
61	'Kendo'	D T Brown	18/07/03	
62	'Blush'	Unwins	Not Bolted	

Source: Trials Office, The Royal Horticultural Society Garden,
Wisley, Woking, Surrey GU23 6QB

e-mail: trials@rhs.org.uk. <http://www.rhs.org.uk/trials/>