

[54] ROSE PLANT: ODEM

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[30] Foreign Application Priority Data

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[52] U.S. Cl. .... Plt./20

[58] Field of Search ..... Plt. 20

[56] References Cited

PUBLICATIONS

Harings P.A. (Ed.) "Mme. Georges Delbard" *Modern Roses* 9 American Rose Society, Shreveport, La., 1986, p. 181.

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[57] ABSTRACT

A rose plant exhibiting good resistance to powdery mildew and being characterized by non-fragrant flowers, prolific growth and flower production, good self-rooting and a large number of water shoots.

2 Drawing Sheets

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CROSS REFERENCE TO RELATED APPLICATIONS

This application is related to the plant Carola, U.S. patent application Ser. No. 07/767,546, filed Sept. 27, 1991, a continuation of U.S. patent application Ser. No. 07/387,837, filed Aug. 1, 1989, now abandoned.

FIELD OF THE INVENTION

The present invention is concerned with a new variety of a Hybrid Tea rose discovered by me and being a mutation of Carola, U.S. patent application Ser. No. 07/767,546, which is a mutation of Deladel (Mme. G. Delbard), U.S. Plant Pat. No. 4,391, issued Mar. 6, 1979.

BACKGROUND OF THE INVENTION

This mutation was discovered as a branch on a Carola plant in 1990 on a cultivated area in a farm, located in Moshav Ha'yogev, located in Israel Valley, Israel, with an average night temperature of 25° C. in summer and 0°–5° C. in winter, and day temperatures of 30° C. in summer and 15° C. in winter.

The branch was vegetatively propagated from cuttings by self-rooting. From these cuttings plants were grown in a greenhouse where they were further vegetatively propagated by self-rooting.

The resulting plants were found to be stable in their botanical characteristics, as are described below and as illustrated by typical plants parts in the attached photographs.

Asexual propagative of this new variety of performed at Moshav Ha'yogev, Israel.

The observations were made between the present invention, the parent plant, Carola, and the grandparent plant, Deladel.

	Odem	Carola	Deladel
Average number of petals	39–48	33–40	18–25
Size of Petal			
length	37–45 mm	50–55 mm	does not differ from Carola
width	39–49 mm	55–60 mm	does not

	Odem	Carola	Deladel
			differ from Carola
Flower diameter	ca. 80 mm	ca. 110 mm	does not differ from Carola
color of upper side	RHS <sup>1</sup> 46 AB	RHS 53 A	RHS 53 A
color of lower side	RHS 52 A	RHS 53 C	RHS 53 B
Petal's reflex	medium	strong	strong
Size of spot at base of inner side of petal	small	medium	very small
Color of spot at base of inner side of petal	yellow	white	yellow
Fragrance of flower	none	none	slight, not sweet or spicy
Average number of cut-flowers per plant per month (year-round production)	2.5	1.85–2.00	0.90–1.25
Average number of water shoots in first year after planting	4–6	4–6	2–3
Plant height in 6 months after planting	90–130 cm	170–180 cm	80–90 cm
Time from planting to commercial flower production	5–6 months	6–8 months	10–12 months
Length of flowering stem	40–60 cm	70–80 cm	70–90 cm
Relative thickness of flowering stem	thin	medium	thick
Number of flowering stems per plant per year	about double as for Carola		
Leaf measurements <sup>2</sup>			
upper leaf	5.5 cm	7.5 cm	unknown
leaflets at upper part	4.6 cm	6.0 cm	unknown
leaflets at center part	4.0 cm	5.4 cm	unknown
leaflets at bottom part	3.0 cm	4.1 cm	unknown

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	Odem	Carola	Deladel
Vase life	15-18 days	12-15 days	unknown

<sup>1</sup>Royal Horticultural Society of London, England (RHS) Colour Chart<sup>2</sup>Based upon the average sizes of twenty leaves of each variety sampled from plants grown side-by-side under the same roof and conditions in a greenhouse in Moshav Ha'yogev, Israel.

## SUMMARY OF THE INVENTION

The present invention provides a hybrid tea rose variety which include the following characteristics which distinguish the new variety from cultivars to which it is related:

Distinctly smaller flowers in comparison with Carola and Deladel and

Distinctly different color of basal spot of petal in comparison with Carola.

## BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 represents a typical specimen of the present invention, illustrating a leaf, a flower bud, a flower bud at picking stage, a part of the stem, leaflets, and flowers at various opening stages.

FIG. 2 represents a side-by-side comparison of flower size, bud size, color and size of petal, color and size of basal spot between a typical specimen of the present invention, Odem, and the parent variety, Carola.

The colors in the drawings are as true as is reasonably possible in an illustration depicting green and red colors. The photographs were taken from comparable specimens, grown under exactly the same conditions, in a greenhouse at Moshav Ha'yogev, each on its own roots, and being visibly healthy.

## BOTANICAL DESCRIPTION

Based on observations made in Moshav Ha'yogev, Israel, in 1990 and 1991 in a greenhouse.

<u>Plant</u>	
growth habit	semi-upright
<u>Young shoot</u>	
anthocyanin coloration	medium to strong
hue of anthocyanin coloration	red-brown
Prickles	present
<u>Prickle</u>	
shape of upper side	concave to straight
shape of lower side	concave
<u>Short Prickles</u>	
number	few
<u>Long Prickles</u>	
number	medium
<u>Leaf</u>	
length	120-150 mm
width	75-115 mm
green color	medium
glossiness of upper side	weak
<u>Leaflet</u>	
cross section	straight
undulation of margin	weak to medium
<u>Terminal Leaflet</u>	
length of blade	50-65 mm
maximum width	30-43 mm
length of petiole	15-20 mm

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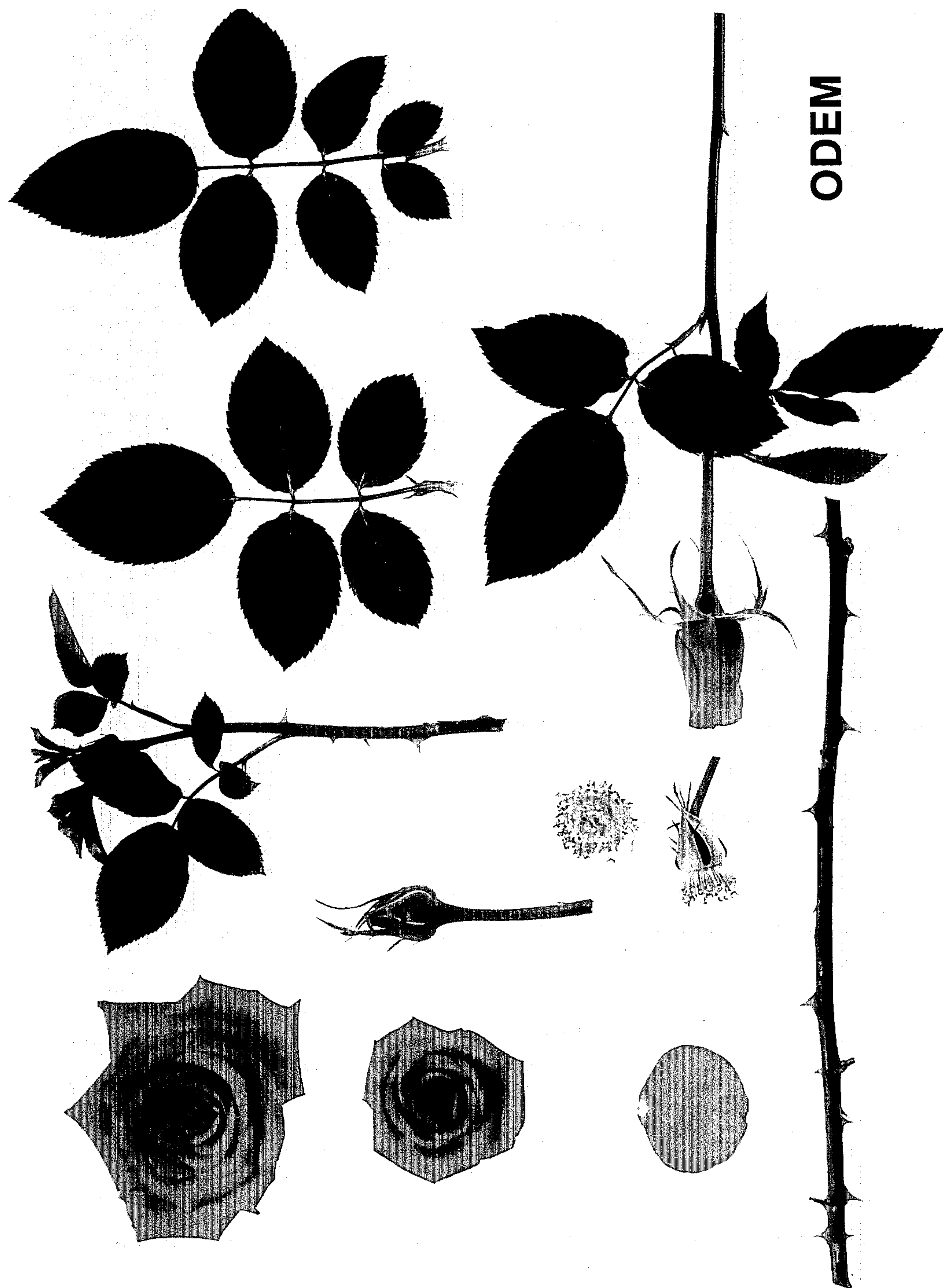
	shape of base	rounded
	<u>Flowering Shoot</u>	
	number of flowers	few
5	Flowering habit	continuous
	<u>Flowering Pedicel</u>	
	number of hairs or prickles	very few to few
	<u>Flower Bud</u>	
10	longitudinal section	ovoid
	<u>Flower</u>	
	type	double
	number of petals	40-53
	diameter	ca. 80 mm
	view from above	rounded
15	side view of upper part	flattened-convex
	side view of lower part	flat
	fragrance	none
	<u>Sepal</u>	
	length	30-43 mm
	extension	medium
20	<u>Petal</u>	
	<u>size</u>	
	length	37-45 mm
	width	39-49 mm
	shape	rounded
25	color of middle zone of inner side	RHS 46 AB dark red Currant red
	color of marginal zone of inner side	RHS 46 AB dark red Currant red
	basal spot on inner side	present
	size of basal spot on inner side	small
30	color of basal spot on inner side	RHS 3 B yellow
	color of middle zone of outer side	RHS 52 A Deep red Crimson
	color of marginal zone of outer side	RHS 52 A Deep red Crimson
35	basal spot on inner side	present
	size of basal spot on outer side	small
	color of basal spot on outer side	RHS 3 C yellow
	reflex of margin	medium
40	undulation of margin	very weak to weak
	<u>Stamen</u>	
	predominant color of filament	orange-red
	<u>Style</u>	
	length	long
45	predominant color	purple
	hairiness of upper half	absent
	<u>Stigma</u>	
	position as compared with anthers	same level
	<u>Seed Vessel</u>	
50	<u>size</u>	small
	shape of longitudinal section	funnel-shaped
	Time of Beginning of Flowering	medium
	Resistance to Powdery Mildew	good
	Self-rooting	good

I claim:

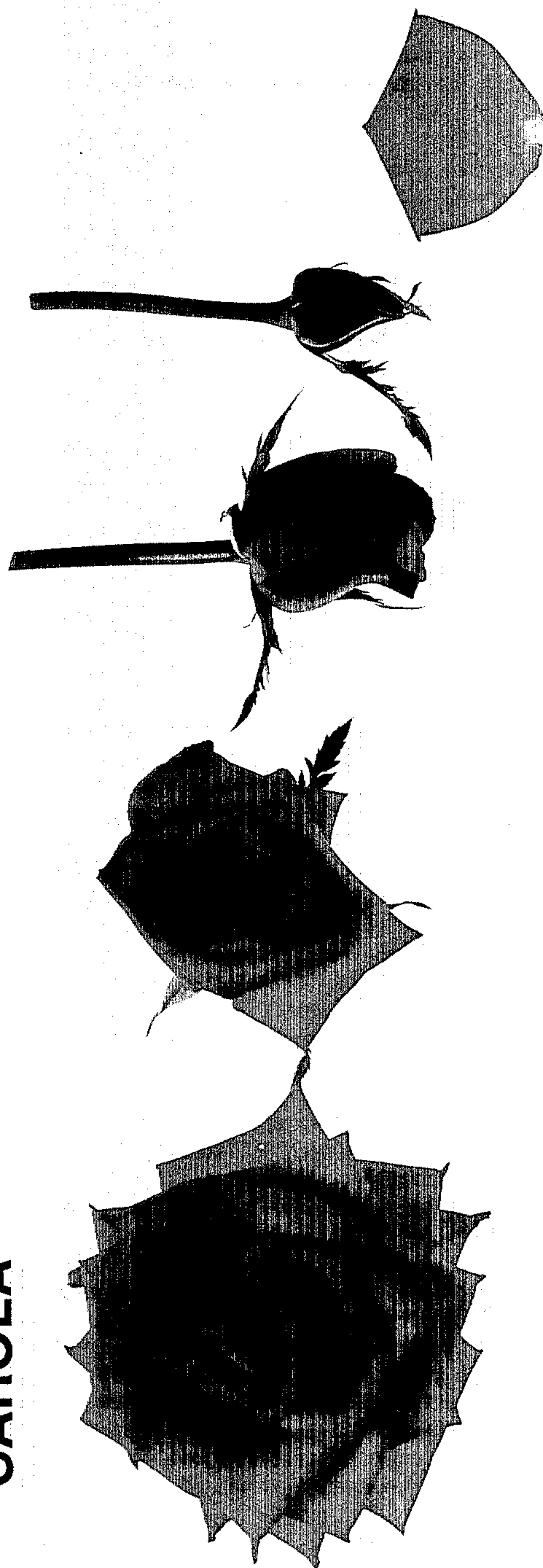
1. A new and distinct variety of a rose plant of a Hybrid Tea rose variety, named Odem, as shown and described, and consisting mainly of plants being vigorous growing, showing a smaller flower than Carola, containing a large number of petals, having non-fragrant flowers, with petals' color dark red/current red/RHS 46 AB, with a small-sized yellow spot at their base, with early and prolific flower production, and
- 65 having fast and good propagating features.

\* \* \* \* \*





CAROLA



ODEM

