

1957
CROSSES

SEED PARENT		POLLIN PARENT	PLANTS
57-1 PICTURE	x	OKAY	7
57-2 PICTURE	x	RINGLETS	7
57-3 FLANDERS	x	JILL	3
57-4 ROYAL RUBY	x	JILL	9
57-5 EVELYN CLAAR	x	JILL	9
57-6 MABEL FULLER	x	JILL	9
57-7 OKAY	x	GOLDEN ORCHID	1
57-8 EMPIRE ROSE	x	OKAY	2
57-9 EVELYN CLAAR	x	PICTURE	1

PINKS AND MINIATURES WERE THE TWO AIMS.
ONLY A LIMITED NUMBER OF SEEDS WERE
OBTAINED BUT GERMINATION WAS GENERALLY
GOOD. THESE WERE MOVED INTO SEEDLING
BEDS EARLY IN SUMMER OF 1958.
NEARLY ALL BLOOMED IN 1959.

TWO PLANTS FROM THIS GROUP WERE MUXED
IN LATER BREEDING. ONE WAS NAMED
LIBBY LEONE IN 1960; registered 1962.

57-2

PICTURE

x RINGLETS

{PICTURE (Lester '51) DE. = MAID MARIAN '48 & LAUREL '49 Semi Ev.
 {RINGLETS (Kraus '48) DE. = ((Mes. W. H. WYMAN x ROSALIND) x
 ((DOMINION x J. S. GAYNEE) x (DOMINION x CINNABAR)))

Handsome, vigorous plants resulted from this cross -- a little tall for size of flowers in most cases. All were fluted or ruffled. Moved to seedling bed in '58 -- observed -- used extensively in crossing. Plants were long flowering -- many scapes -- good branching -- generally good habits.

57-2 A Dark red. Very rounded and recurved. Color browned and lightened seriously. *Discarded*

57-2 B Light yellow self. Ruffled -- rounded form -- more open than C. Vigorous, floriferous. Petals became rather transparent with heat. Kept for observation -- possible breeding.

57-2 C Near Ringlet color -- form more tubular. Beautifully crimped edges. Excellent branching. Too tall for small flowers. 1960 - Blue Ribbon in 1st St. Louis Hemerocallis Show. Much used in breeding.

57-2 D Light creamy yellow with delicate pink tints in center of petals. Pink also shows on back. Pink increases with sun, becomes general infusion. By afternoon effect is near ivory with strong pink coloring -- yellow throat.
Form not as rounded as rest of cross. Large. Often 2 to 4 flowers open at one time -- occasionally 5 or 6. 44 buds.

REGISTERED 1962.
NAME: LIBBY LEONE

57-2 E Quite attractive, rounded red. Used a little in breeding but most of seeds discarded.
1962 Discarded.

57-2 F Darker rosy red. Larger than sisters. Narrower segments, all recurved. Floriferous. Browns with heat.
Discarded.

57-2 G Slightly deeper in color than G; smoother than Kinglets. Ruffled petals; fluted sepals. Rounder and less tubular than G. Retains form in heat.

1958
CROSSES

SEED PARENT	POLLIN PARENT	PLANTS
58-10 PORT	X TROUSSEAU	
58-12 STRUTTER	X TROUSSEAU	
58-16 SILVERY ROSE	X OKAY	
58-17 BABY DREAMS	X TROUSSEAU	3
58-20 MABEL FULLER	X IRMA SEARLES	
58-46 BRIGHT STAR	X OKAY	
58-55 POTENTATE	X TROUSSEAU	
58-50 RINGLETS	X OKAY	
58-60 IRMA SEARLES	X PARTY ARRAY	
58-63 EMPIRE ROSE	X BRANCH 5591	4
58-65 NORTH STAR	X OKAY	20
58-67 BEAUTYKIST	X PICTURE	
58-70 IRMA SEARLES	X GOLDEN MOTH	
58-78 PARTY ARRAY	X VIVA	
58-84 GOLDEN MOTH	X OKAY	
58-90 GOLDEN ORCHID	X OKAY	
58-64 OKAY	X TROUSSEAU	

Many wide crosses were made just to explore possibilities of varieties on hand, and to get some lines started. Many were discarded as being less likely to produce suitable material and no record was kept of them. Some very beautiful flowers resulted from above crosses -- most of them very vigorous, floriferous. Several were used extensively in breeding.

One (58-10 a) was tentatively named Little David in 1961 -- renamed David Michael in 1962, and registered.

H. Hubbergii
X
H. aurantiaca

SEEDLING
X
SEEDLING

SEEDLING
X
Seedling

Port
X

58-10

TROUSSEAU

BABY Dreams
X

58-17

TROUSSEAU

NORTH STAR

X

58-65

OKAY

MAID MARIAN

X

BEAUTYKIST

X

58-67

PICTURE

LAUREL

OKAY

X

58-64

TROUSSEAU

58-10

PORT

X TROUSSEAU

{ PORT (Stout '41) Semi-ev. (H. thunbergii x H. aurantiaca)
 x H. sulva rosea Rosalind. Also outcross to another line.
 { TROUSSEAU (Hall '55) Dorm.

This cross was made in an effort to work toward miniatures. Results were so mediocre that plants were used for landscaping after one viewing. However, two were unlike others -- had very rounded, smooth-textured flowers -- were set aside for observation. Other clones were rather small flowered -- starry form -- brown reds -- about 30"-36" tall. No distinction. Some had "reverse" halo effect of Trouseau.

58-10 A. Very rounded, recurved -- orange red -- light midrib -- reverse halo or eyegone. Heat resistant. Ap. 35" tall as grown in poor soil. Lined out in 1962 (6 plants)

REGISTERED 1962

NAME: DAVID MICHAEL

Plans for 1963: Cross with 58-10 B for recessives. Try to multiply.

1963: Diamond dusted -- yellow-edged sepals -- yellow midrib. Smooth, thick. First bloom -- June 14 (2 plants). One plant to Celia -- two to Springfield exhibitors (Pickle and Day) One to Roennfeldt,

In good soil, multiplies well, forming broad-leaved, vigorous plants. Proliferates.

1964

FORM VARIABLE -- SOMETIMES ENTIRE FLOWER ROLLS BACK -- SOMETIMES PETALS PINCH SOMEWHAT AT TIPS
 Blue Ribbon - St. Louis Nemero callis Show 1964 -
 Small flowered Registered but not introduced.

58-10 B. Much same form. Darker, somewhat bluer red. Affected by heat more than A. Saved for observation and breeding. Not considered worthy of naming. Used a little in breeding, due to blue-red coloring. Discarded by 1964 (in red bed)

58-17A BABY DREAMS x TROUSSEAU

{ BABY DREAMS (BRANCH '56) - #54-15
{ TROUSSEAU (HALL '55)

Rather attractive flowers -- very small cross. One plant saved for observation and possible breeding. Discarded in time.

58-20 MABEL FULLER x IRMA SEARLES

{ MABEL FULLER (KRAUS '49) = (J.S. GAYNER x [(J.S. GAYNER x GYPSY)
x (DOMINION x CRESSIDA)])
{ IRMA SEARLES (DILL '55) = #50-44A: BAGGETTE x KANAPAH

A number of rather spidery, green-throated reds. Many flowers were very handsome -- some velvety -- but stems were generally weak. Generally good sun and rain resistance. Some were crossed with sister seedlings but weak stems characterized offspring. (leaning)

1962 Most of plants discarded. A few still under observation.

1964 A few plants still kept for cutting. could be used if desired.

58-20 B

58-20 M. Very dark rd spider - velvety texture. Kept for cutting. Good branching.

1971. Two plants rescued from cutting group - planted in seedling bed.

58-20 N

58-65 NORTH STAR

x OKAY

NORTH STAR (HALL '48)

OKAY (BRANCH '55)

Assorted light yellows with good ruffling. Varied sun and wind resistance. Some rather wide petals, some quite narrow. Rather tall. Most used for landscaping.

58-65 A Light yellow - very attractive. Tendency to fade in very hot sun. Used a little in breeding. Discarded

58-65 B Creamy yellow - very ruffled. Narrow petals (Lady Bountiful form). Very firm, smooth flowers. Long season. Used for landscaping.

58-65 C Leaves soft yellow self, ruffled - rather large flowers. Scented. Ap. 38" tall. 20-30 buds. Branching varies. Bluegreen foliage. Open until ap. 11 P.M. (DST). Used in crosses.

1963. REGISTERED. NAME: NATIONAL COUNCIL.

Two plants retained for collection; remaining used for landscaping of Headquarters Building.

1964. Moved into border. 1971. Moved to back. Good back ground for newer varieties. Sturdy. Long blooming. Never disseminated.

58-65 G Tall, very large flower. Yellow. Does not take heat well enough to save. Discarded

Some of above plants used for breeding.

58-64

OKAY

x TROUSSEAU

{ OKAY (BRANCH '55)
TROUSSEAU (HALL '55)

Several plants which were similar to Troussseau in color and pattern. Several bloomed for second time. One used a little for breeding.

58-64 B Deep pink - ruffled.

58-50

RINGLETS

x OKAY

{ RINGLETS (KRAUS '49) = ((Mrs. W. H. Wyman x ROSALIND) x
((DOMINION x J. S. GAYNEE) x (DOMINION x CINNABAR)))
{ OKAY (BRANCH '56) #55-35

One good golden yellow, one excellent melon. Saved for breeding.

58-50 A Very good, well rounded melon. Glows beautifully pink after sunny day.

1959

CROSSES

SEED PARENT	POLLIN PARENT	PLANTS
59-4 STRUTTER	x 57 2 C	8
59-7 EMPIRE ROSE	x PINARD	1
59-9 57 1 D	x MAGIC VALLEY	11
59-13 57 8 A	x 57 8 B	
59-14 STAHL 52 17	x PINK FROLIC	
59-15 57 1 B	x 57 1 D	
59-19 STAHL 52 17	x 57 2 E	
59-20 STAHL 52 17	x 57 8 B	
59-25 57 1 D	x OKAY	
59-29 57 2 C	x MAGIC VALLEY	
59-32 57 2 F	x 57 8 B	
59-34 57 2 C	x D	
59-35 57 2 A	x Shoshone	1
59-36 57 2 D	x 57 8 A	4
59-39 PINARD	x TROUSSEAU	4
59-41 57 2 B	x D	3
59-45 PINARD	x 57 8 A	
59-47 PICTURE	x PINARD	12
59-49 PICTURE	x MAGIC VALLEY	
59-52 57 1 D	x 57 8 A	
59-53 OKAY	x EMPIRE ROSE	
59-54 IRMA SEARLES	x HEARTS AFIRE	
59-55 PRIMA DONNA	x 57 1 D	
59-56 DINGER	x 57 2 F	
59-60 56 1 D	x COLOR CARNIVAL	

Altho' some exploratory crosses were made, all were with definite aims -- pinks and reds. In general, effort was made to use at least one Searles seedling in every cross, and a number of sister-crosses were made. All were in seedling beds by Aug. 1, 1960. Many beautiful flowers, especially pastels resulted. Best plants were carefully annotated and used in crossing in 1962.

59-4

STRUTTER

X

SEARLES 57-2 C

{ STRUTTER = BRANCH '57 = #5572
 { 57-2-C = PICTURE (KESTER) X RINGLETS (KEBUS '49)

PICTURE = MAID MARIAN X LAUREL

RINGLETS = [(MRS. W. H. WYMAN X ROSALIND) X
 [(DOMINION X J. S. GAYNER) X (DOMINION X CINNABAR)]

This cross was quite successful -- the plants generally good. All were clear yellow with some degree of green in throat. All were saved for observation but some were discarded in 1962 as attractive but not worth saving. Two were selected for naming -- a few others were kept for more observation and possible breeding.

59-4 D Small attractive yellow flowers -- clear, light color -- green in throat. Substance moderate. Many scapes with good branching. Often three flowers open at one time.

Lightens in hot sun but not damaged. Pollen fertile and sets seed. Six seeds only in the small pods so total number limited.

Scapes rather slender -- in scale with small, dainty flowers. Stay upright. About 26" from ground in 196.

Lined out in '62 -- 16 plants. Crossed only with 59-4 E. Seemingly, chief value would be in miniature breeding.

REGISTERED 1962

NAME: ANECDOTE

Plans for 1963: Repeat crosses with E, noting results with each as pod and as pollen parent. Cross with A & B if they seem worthy.

Use only with small-flowered, low-growing varieties, work for various colors, patterns, etc. Cross with HADY LYRA, TINKERBELL, THUMBELINA, LUXURY LACE. Keep detailed records on all crosses -- on bud count, etc.

After collecting seed pods, divide all but one of plants again.

1964 DIVIDE TWO PLANTS IN SEEDLING BED

59-4 E Sharp, clear yellow
-- deeper than D -- green in throat. Unusual
rounded form -- petals overlapping, ruffled --
sepals recurve. All flowers have same form.
Color lightens in
hot sun but does not become unattractive.
Extremely heavy substance -- thick, resistant.
Holds this well out of water.
Height ap. 32" in 1962.
Lined out -- 4 plants.

Plans for 1963: See notes for D. Due to deeper color,
use with varieties which might use this.

REGISTERED 1962

NAME: OKLAHOMA VELL.

1964 Too tall for size flower but still good. Form and
substance shows up in seedlings.

59-4 A

59-4 B

59-7 Empire Rose x Pinard

{ Empire Rose (Kraus) = D. Fulva rosea x Mrs. W. H. Wignam
{ Pinard (Branch) = Branch 52-23

Only one plant saved

59-7A Light yellow.

59-9 57-129 x Magic Valley

{ 57-129 = Picture x Okay
{ Magic Valley = Branch 56-36

Four plants with little bloom in 1962. Not enough to evaluate.

1963. One good rosy red; rather small, rounded flowers. One good melon, other soft melons. Used in breeding

59-9A Rosy red.

59-29 57-2C (Picture x Ringlets) x Magic Valley

Results good; vigorous, well branched plants in yellow and melon; rounded, rather small flowers. However, only one plant saved.

59-29A Clean, clear melon. Good color change in sun. Good branching but stems often too tall before branching starts. Noticeable lavender midrib. Does not open well after cold night.

1962. Divided and moved to Crescent bed.

1963. Observed and used in breeding

1967. Used in landscaping.

59-47

Picture

x Pinard

{ Picture (Lester) = Maid Marian x Laurel
{ Pinard (Branch) = 52-23

Excellent results in pastels, near whites, etc.
Some true pinks with green throats. One buff.
Interesting color changes. Some numbered in '61;
others held for observation.

59-47 B. Lower growing (38");
vigorous, rounded yellow;
open late; sun resistant.

Good branching; light yellow. 35 to 45 buds.
Bloomed late in season.

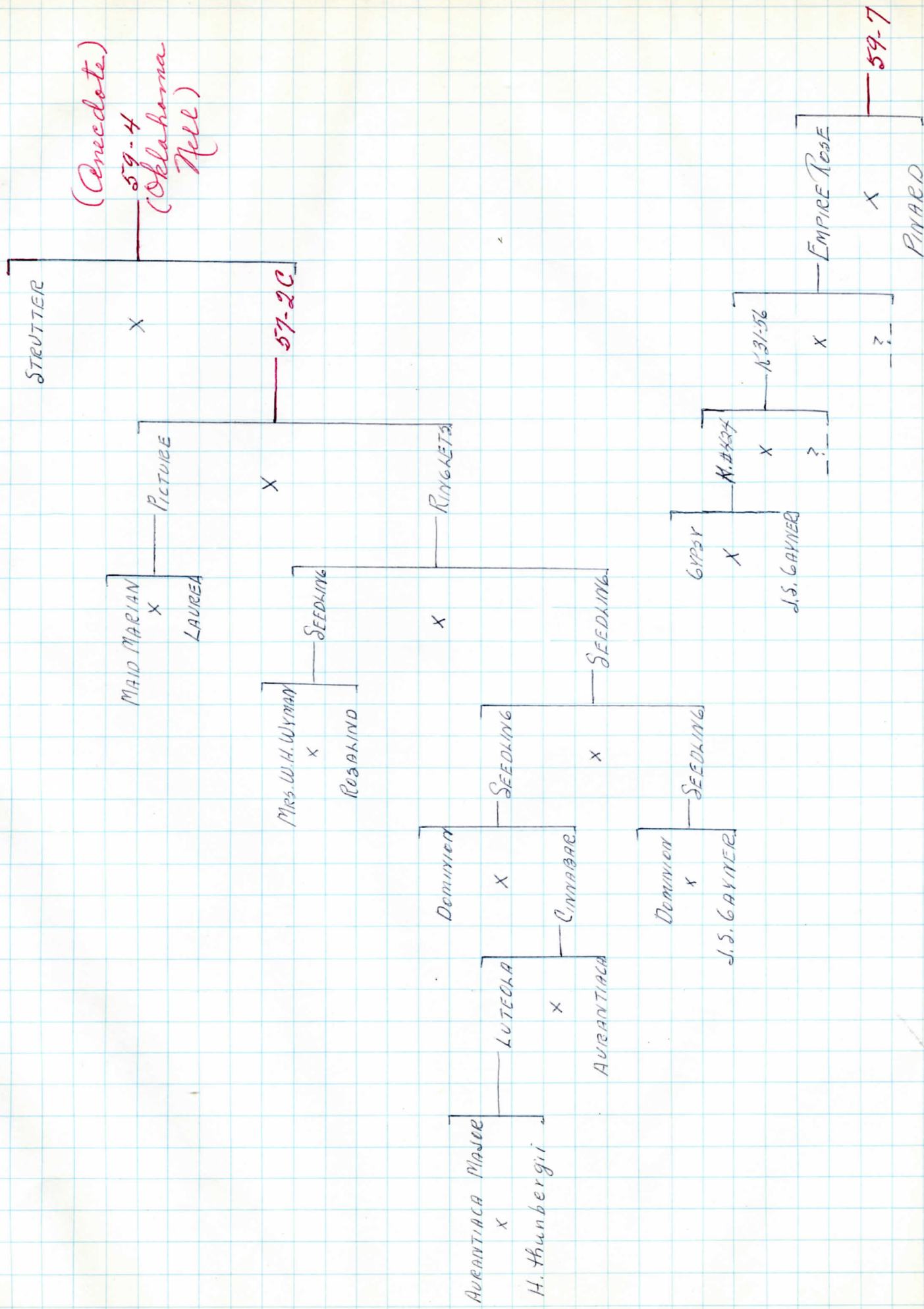
59-47 C. Very light yellow which changes
during day to near-white
with faint pink tinting. Only
one scape in '62 - perhaps due to very crowded
bed. Used for breeding and saved for
observation. Moved to crescent bed.

1963. Due to divizion, only a few flowers.
No branching.

1964. Attractive but not distinctive enough
for registration.

1965. Many stems but only 10 buds, and
generally poor branching. Weather
resistant. Color changes but without
seeming faded, losing form, thinning, etc.

1966. Used for landscaping



SUNSET SKY
X
TAYLOR SEEDLING
SHOSHONE

X

59-35A

57-2-0
(LIBBY LEONE)

STAHL 52-17
X
SEAKLES 57-26
59-19

PICTURE
X
RINKETS
57-20

X

59-29A

MAGIC
VALLEY

PINARD
X
TREUSSEAU
59-39

MAID MARIAN
X
LAUREL
PICTURE
X
PINARD
59-47

MAID MARIAN
X
LAUREL
PICTURE
X
OKAY
57-10

X

59-9A

MAGIC VALLEY

1960
CROSSES

SEED PARENT				POLLEN PARENT				PLANTS
01	58	67	E	X			A	
02	58	3	B	X	GUSTO			
03	PINARD			X	57	2	D	
04	58	65	A	X	FAIRY WING	65		#55
05	58	3	B	X	MAGIC VALLEY			
06	58	67	F	X			B	
08	GUSTO			X	57	2	F	
09	57	8	A	X	OKAY			
010	58	65	A	X			D	
011	58	65	E	X			D	
012	MAGIC VALLEY			X	58	17	A	
015	57	2	G	X	PICTURE			29
016	58	50	A	X	57	2	D	35
017	58	65	D	X	57	2	D	
018	57	2	D	X			B	
020	58	50	A	X			C	
021	57	9		X	58	63	D	
022	58	84	A	X	58	50	A	
023	58	64	B	X	PINARD			
024	MAGIC VALLEY			X	57	2	D	
025	58	64	B	X	57	9		
026	57	2	G	X	FANCY WORK			
027	58	64	C	X	OKAY			
028	57	8	A	X	MELONAIRE			14
029	57	8	A	X	57	2	D	
034	58	20	B	X	GUSTO			
035	58	20	A	X			C	
036	58	70	A	X	58	20	B	
037	58	20	B	X			G	
038	57	8	A	X	GOLDEN MOTH			
039	57	8	A	X	58	50	A	
040	57	9		X	58	63	D	

1960
CROSSES

SEED PARENT				POLLEN PARENT	PLANTS
041	57	9		X PINARD	9
042	OKAY			X 57 2 D	
043	57	2	C	X FANCYWORK	15
044	57	2	C	X	8
045	57	2	D	X 57 8 B	

0-3

PINARD

X LIBBY HEONE (57-28)

{ PINARD (BRANCH) = #52-23
 { LIBBY HEONE = RINGLETS X PICTURE

A group of attractive but generally undistinguished pastels. Some discarded by 1963, others by 1964. Only one saved for breeding and observation.

038

0-4

58-65A

X FAIRY WINGS

58-65A (SEARCHES) = NORTH STAR (HALL) X OKAY (BRANCH)
 FAIRY WINGS (HESTER)

This cross resulted in quite a few plants. A few bloomed in 1962 -- were all yellow. All bloomed by 1964. In general, nice pastels with green throats. Form varied from broad to spidery. Some much affected by heat.

0-4A So much like Fairy Wings, it could have passed for it. Used a little in breeding.

0-4M. Very attractive, rather small spider - buffy yellow with very green throat. Could not take heat. Discarded.

0-4C. Low growing, soft cream which pinked a little in sun. Form rather distinctive - corners of petals fold back. Used a little in crossing. Divided in 1964; plants rather small and unbranched in 1965. 1966. Branching still poor. However, a year for poor branching. Saved for one more year. 1967.

O-12

MAGIC VALLEY (BRANCH) X 58-17A

58-17A

= BABY DREAMS (BRANCH)
X TROUSSEAU (HALL)

First bloom in 1963 due to late move from seed bed (due to birth of first grandchild). Coral and rose -- quite attractive -- rather prominent veins. However, they coarsened by P.M. Some discarded at once; others later altho' used a little in breeding.

O-16

58-50 A (SEARLES)

X LIBBY LEONE (57-219)

58-50 A (SEARLES) = RINGLETS (KRAUS)

X OKAY (BRANCH)

LIBBY LEONE (SEARLES) = PICTURE (HESTER)

X RINGLETS (KRAUS)

This cross was made for color with good form -- and small flowers. Unfortunately it was not moved from seed bed until 1962. Some bloomed in spite of crowded conditions. All saved for observation but most of plants soon discarded as not worthy even though pleasantly attractive. One saved until 1966.

O 16 A. Light yellow. First bloomed in seed bed where the sepals pinked and the petals did not, creating a most unusual bitone, reversed. Nice form. However, in seedling bed with full sun, all segments pinked a little -- very pretty but common. Discarded.

0-23 58-64 B (SEARLES) X PINARD (BRANCH)

58-64 B (SEARLES) = OKAY (BRANCH)
X TROUSSEAU (HALL)

0-25 58-64 B (SEARLES) X 57-9 (SEARLES)

58-64 B (SEARLES) = OKAY (BRANCH) X TROUSSEAU (HALL)
57-9 (SEARLES) = EVELYN CLAR (KRAUS) X PICTURE (WESTER)

0-29 57-8 A (SEARLES) X LIBBY LEONE (57-2 D) (SEARLES)

57-8 A = EMPIRE ROSE (KRAUS) X OKAY (BRANCH)
57-2 D = PICTURE (WESTER) X RINGLET (KRAUS)

Reverse of '59 cross, #59-36. A number of nice
melons and pastels -- none really unusual. One
used in breeding.

O-43

57-2 C (SEARLES)

X FANCYWORK (BRANCH)

57-2C (SEARLES) = PICTURE (WESTER) X RINGLET (KEAUS)

There was a little bloom from these seedlings in 1962 -- yellow color and green throats noted but little else. Flowers relatively small. Unfortunately, gophers ate the roots of several plants, killing a few and shortening season in general. As many as possible were saved and held for observation.

1963 Plants showed such high quality that they received much attention. Any which bleached unduly or had unattractive form was discarded at once. Because of 1962 setback, size and heights were not regarded as final.

In general, plants were vigorous, stiff stemmed, multiple branched with yellow flowers with touch of green in throat. Many showed the Fancywork bud form and habit.

Extended blooming. Did not like chilly nights; caught by early morning rains.

O-43 A

Low yellow. Top branching only in 1963.

Tendency to fade so finally discarded.

O-43 C

Light, rather greenish yellow. Very green at throat. Color holds rather well, lightening in heat but keeping same general appearance. Green appears slightly on back. Buds deep green up till time of opening. Tips start recurving several days before.

3" spread $3\frac{1}{4}$ " sepals $1\frac{1}{4}$ " petals. Fuller, more rounded in effect than D. Some flowers smaller. Petals ruffled. Sepals recurve. Branching and number of buds good, altho' not as good as D. Only 24" in 1963 but goes up to 30" or more when established and well fed.

Plants sent to other states as guests. Much liked by everyone. Open very late.

REGISTERED: 1963

NAME: SEST

INTRODUCED '65

J.B. - 1965

H.M.

O-43 D Sharp yellow. On cool mornings, is reverse bitone which changes in sun. Lightens more than b in hot sun but does not soften. Opens shortly after midnight in warm weather. Closes at about 10 P.M. (b & 2).

Excellent branching. Vigorous growing so needs fairly frequent division to prevent overly crowded flowers and buds. 25 buds in 1963. 3 1/2" across as a rule. Sepals plain and recurved. Petals ruffled - not quite as rounded a flower as b. 25" - 26" in 1963. Taller later - 30" to 32".

Stamens often spread out in a fan, giving unusual effect. Slightly earlier than b.

REGISTERED: 1963 NAME: WICKY INTRODUCED: 1966

J. b. - 1963 H. M.

O-43 M Yellow; green in throat. Beautiful form - very different from above varieties. Larger and taller. 5" across. 38" - 44" height. Petals lightly ruffled. Tips pinch and twist in somewhat irregular manner. Sepals recurve. Outstanding branching. 40 buds - green and starting to open fairly as do others in family. Looks more like Fancywork than do others. Often two or three on scape open at one time. Good branching.

REGISTERED: 1963 NAME: SWEET LINDA
INTRODUCED: Sept. 1966

Scape entered in 1964 show. Won PURPLE ROSETTE for "Best Registered but Not Introduced."

Because of larger size, received less attention. However, is excellent, long blooming, worth growing garden variety. Later.

O-43 N yellow flower rather like 19 in form but a little larger, and plant taller. Habit of growth much same as M. Saved for breeding and cutting. Buds do not follow habit of above - - gradually change to yellow outside, and do not open ahead. Quite attractive flower but not up to rest of outstanding family. Aides somewhat.

1964 One plant saved

1965 Given to Jan Petrus for polypoidy experimenting. No success. All plants discarded.