

15127-1942 - copy for send to Dr. South
Asst. Seed grower Milpitas
Calif

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Young plants of Celery in greenhouse

1 flat use $\frac{1}{2}$ teaspoon seeds = 10 to 15 transplant flat.

1 transplanted flat have 110 plants, 10% off = 100 plants

1st green house take about 1000 flats	$1000 \times 100 = 10000$ ^{plants}
2nd green house take about 1000 flats	$1000 \times 100 = 10000$
3rd green house take about 1400 flats	$1400 \times 100 = 14000$
	Total 34000 plants

For local market 16 to 20 head per crates

Plant in row 14 inch apart It take 22000 to 24000 plants per acres.

For shipping Celery 36 head per crates.

plant in row 10 inches apart, It take about 30000 plants per acres.

After sown seed most 25 to 30 day start transplant.

after transplant most 30 day in greenhouse & 5 day outside in cool bed -
then set in field.

after set in field

Early June crop need harvest 80 to 90 day.

2nd crop in July need harvest 90 to 100 day.

3rd crop in September need harvest 90 to 100 day.

(mark this record of set in field on page 2)

month of crop	date of sown seed	date of trans plant	date set in field	date of start harvest
June	1/15	2/15	3/15	6/10 to 6/15
June	1/25	2/25	3/25	6/20 to 6/25

July	2/1	3/1	4/1	7/1 to 7/10
July	2/10	3/10	4/10	7/11 to 7/20
July	2/20	3/20	4/20	7/20 to 7/30

Sept	3/1	4/1	5/1	9/1 to 9/10
"	3/10	4/10	5/10	9/10 to 9/20
"	3/20	4/20	5/20	9/20 to 10/1
Oct	4/1	5/1	6/1	10/1 to 10/10

This plant season must be careful -

weather so hot will burn root before the water reaches so most plants - late after noon is safety.

Sown seed on April 1 (4/1) not large areas cause in green house is so hot it hard to grow young plant. and from out door plant more easy to grow and less expence.

Out door young plant. Later October, November, December, January. = Start plant is June 20 to 25th last planting Aug, 5th after plant start harvest 4 month to 5 month.

Specially take Celery like January take almost 6 month.

(For August look page 7)

Out door grown plants.

1st sown seed 3/5 to 3/10. Start pull plant June 20th to June 25th first pull. around 10 day after pull all at once.

2nd sown seed 3/26 start pull plants middle of July to first August, plant little large, acres seed bed I preferred so you could pull all at once

1 acres seed bed = 10 acres (field plant) if grow good
After seed came up start thin probably better when
just two main leaves start.

when the young plant grow too tall one or two times
cut the leaves.

Preferred Variety

In June crop Ferry more Early spring type Utah
(do not know right name) It has high string but is
very tender seed stalks come up more later than other
variety Mostly all the south Celery growers use them

From July to all winter I use my home seed I think
stalks come from Crystal white Jumbo Utah.

Blanching paper

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For shipping Celery Mostly do not use paper
In June Crop (Day before harvest) start blanching paper
before 3 to 4 week.

In July Crop, I preferred not to use blanching paper. Cause
wether come hot and leave start yellow quick and also
insect damage Celery. plant apart little closer around
12 inches it make naturally bleach.

In September Crop depend on Customer. some like bleach
some not it safety for not use paper cause will
have lot insect trouble.

October to all winter crop 3 to 4 week before harvest
wrap paper some time in December and January crop
wrap small size then leave more than 5 week
nothing happen.

Always be careful when you wrap paper not to
scratch stalk or brack cause will start pink rot
when size come to large use bleaching paper best
cut with in 10 to 14 day.

After blanching need careful early part crop insect
Later crop pink rot and blight

Amount fertilizer applied

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In June, July crop.

- Around 30 yard #1 Horse manure
- " 10 to 15 yard #1 Drop chicken manure.
- " 500 to 700 lbs sulphate ammonia
- " 600 to 700 lbs sulphate potash
- " 1200 to 1500 lbs ammonia phosphate

From September to all Winter crop

- Around 30 yard #1 Horse manure.
- " 10 yard #1 chicken manure.
- " 500 lbs sulphate ammonia
- " 600 to 700 lbs sulphate potash
- " 1200 lbs ammonia phosphate

Conditions growing

In June crop it is very hard to grow cause if is to cool grow very slow then it is very laxy came seed stalk If grew good demand and price better I preferred not to plant large acres.

In July crop it is easier growing than June crop but we have many insect and black heart trouble Demand is some like June but, price is ^{little} cheap.

In August crop we do not plant cause we had tried many time but can not get good yield, From later July to about 3 weeks in August plenty Mosaic yellow and black heart.

In September crop mostly heavy harvest from early September, wether colder grow easy get better crop than early part.

In October crop. Early part two week but house and plants crop. Latter two week almost we can get crop out door young plant it is always better yield more less yellow and mosaic

(please look other side)

November December, January, Mostly these month
seems to me suit to our Panel

Double row

Early Celery. green-house young plant
40 inches wide dry planting

Winter Celery out door young plant.
42 inches wide water planting

In ditch where celery plant both side apart
22 to 24 inches, Top of row between Celery 16 to 18 inch