

**This table shows distribution of plants with yield in the test area in actual arrangement in the field. The next table shows yields by plant type. The third table gives weeding dates and amounts of time involved between conventional tilling/ weeding and weeding of roller crimped areas.**

<b>6 Bare</b>	<b>5 Bare</b>	<b>4 Bare</b>	<b>3 Crimp</b>	<b>2 Crimp</b>	<b>1 Crimp</b>
Chard- 20 bunches in the season	Flowers	Lettuce- Avg head 14 ozs	flowers	chard- 25 bunches in season	lettuce avg head 11 ozs
Flowers	Carrot- 14 lbs, lots of small	Cantaloup- averaged 26 fruits per plant	cantaloup- avg 27.5 fruits per plant	potatoes- 42 lbs	broccoli- Heads avg 10 ozs
Cantaloup- avg 24 fruits per plant	Broccoli- Heads avg 12 ozs	Pepper- avg 11 fruits per plant	Spinach 48 ozs in season	Kale 35 bunches in the season	cantaloup- avg 27 fruits per plant
Tomatoe- avg 22 lbs per plant	cantaloup- averaged 24.5 fruits per plant	Kale- 26 bunches in the season	Beet- 11 lbs	Chives- 17 ozs	tomatoes- avg 23 lbs per plant
Chives- 23.5 ozs	Spinach- 61 ozs in the season	Flowers	Basil Three bunches with three cuttings	Cantaloup- Avg 30 fruits per plant	Cilantro 17 bunches in two cuttings
Cabbage- Heads avg 1 lb 5 oz.	G. chili- 2.25 lbs avg plant	Beet- 7 lbs	Cabbage heads avg 2 lb 3 ozs	Chili- 2.5 lbs avg plant	Flower-
Potatoes 24 lbs	Cilantro- 30 bunches in two cuttings	Basil- Five bunches in each of 5 cuttings	peppers- avg 12 fruits per plant	Flower	carrot - 10 lbs large
Squash Bare Earth 14 fruits	Sq- Bare 11	Sq Bare 15	Squash Crimped till strip 13	Squash c with till strip 12	Squash Crimp 9

6 Bare	5 Bare	4 Bare	3 Crimp	2 Crimp	1 Crimp
Squash Bare Earth 13 fruits	Sq Bare 16	Sq Bare 15	Squash Crimped till strip 14	Squash c with till strip 13	Squash Crimp 9
Squash Bare Earth 14 fruits	Sq- Bare 11	Sq Bare 15	Squash Crimped till strip 13	Squash crimp 9	Squash Crimp 8

This table shows the results, shown in the rows they were in the field, grouped by plant type and plant family types in adjacent rows in the table.

plant	row 1- crimped	2- crimped	3- Crimped	4- bare	5- bare	6- bare
cantalop	27 fruits avg per plant	avg 30	27.5	26	24.5	24
tomato	avg 23 lbs per plant	x	x	x	x	avg 22 lbs per plant
Pepper	x	x	avg 12 fruits/ plant	avg 11 fruits per plant	x	x
Green Chili	x	Big jim avg 2.5 lbs/plant	x	x	avg 2.25 lbs per plant	x
Basil	x	x	Three bunches on three cuttings	Five bunches per five cuttings	x	x
cilantro	8 bunches and 9 in two cuttings	x	x	x	15 bunches twice	x

plant	row 1- crimped	2- crimped	3- Crimped	4- bare	5- bare	6- bare
Chives	x	17 ozs in season	x	x	x	23.5 ozs
Flowers	Seed did not germin	Seed did not germinat	Field observati on, late season grew well	6 boquets	6 boquets	Bach buttons- 8 boquets
Potatoes	x	42 pounds (5 ga.)	x	x	x	24 pounds (apx 3 ga.)
Carrot	10 pounds, large fruit	x	x	x	14 pounds- small fruit	x
Beet	x	x	11 pounds, large fruit	7 pounds- smaller fruit	x	x
lettuce	heads avg 11 ounces	x	x	heads averaged 14 ounces	x	x
Spinach	x	x	48 ozs.	x	61 ozs.	x
Chard	x	25 bunches in season	x	x	x	20 bunches in season
Broccoli- heads avg 10 ozs	Heads avg 10 ozs.	x	x	x	Heads avg 12 ozs	x
Kale	x	35 bunches	x	26 bunches	x	x

plant	row 1- crimped	2- crimped	3- Crimped	4- bare	5- bare	6- bare
Cabbage	x	x	Heads avg 2 lbs 3 ozs	x	x	Heads avg 1 lb 5 oz
Squash	crimped avg 8.75 baby squash per plant	tilled strip in crimp avg 13 per plant		Bare earth 13.7 baby avg per plant		

**This table shows weeding times. Labor for installing conventional tillage and doing crimped cover is similar amount of times.**

WEEDING DATE	BARE	CRIMPED
JUNE 10	2:50	0:45
JUNE 20	2:00	0:40
JULY 12	1:30	1:00
JULY 30	1:00	0:30
AUGUST 20	1:15	0:40
SEPT 10	2:00	1:15
TOTALS	10:35	4:50