

J4.15

67/14  
C



DEPARTMENT OF AGRICULTURE

Camp 3

Quarterly Report  
April 1, to June 30, 1943

The Landscape Division has progressed splendidly with the landscaping of the Christian Church, Canteen, around the Red Cross, Baby Clinic, Industry and Agriculture offices. Flowers and shrubs were planted as borders around these buildings, lawns planted and gravel walks put in. Two cactus gardens were planted between the Agriculture and Industry buildings. In order to control the drainage from the coolers, four cesspools were dug.

The Administration Landscape Division constructed two ramadas, one at the Medical Clinic and one in front of the Transportation office from cottonwood, willow and other lumber obtained at the river. The flagpole was put up and flowers and shrubs planted around. Lawns and flowers were planted around Administration Buildings A. B. and C. as well as around the Medical Clinic, Post Office and Personnel Quarters. A victory garden containing eggplants and melons was planted in small plots adjoining the Administration area.

During the above period, the Nursery Division distributed the following flower and vegetable plants to the blocks and departments: 1940 cartons and 144 flats of zinnias, 152 flats of African Daisies, 44 flats of Marigolds, 20 flats of Kochia, 54 flats of Gaillardias, 64 flats of Shasta daisies, 400 cartons of sweet peas, 46 flats of linum, 539 cartons of morning glory, 324 cartons and 3 flats of mixed varieties of flowers and 87 flats and 149 cartons of eggplants, 2130 cartons of tomatoes, and 728 cartons of cucumbers. Approximately 100,000 celery plants were planted. A new structure for housing additional plants was constructed just north of the lath house of arrowweeds and willow poles. Quarter acre plot of zinnias was planted in front of the lath house for seed production.

The Poultry Division has been working diligently on new construction, a shelter house 28' x 95', summer shelter 18' x 96' with a yard 40' x 60' divided into four parts, and caring for a flock of approximately 5,500 chicks. In spite of adverse weather conditions and various handicaps, the mortality rate has been exceptionally low up to this period, being 11% for the first shipment of 3000 and 12% for the second shipment of 4,000. An approximate 1800 pounds of meat have been delivered to the subsistence department.



Page 2.

The following production is reported from the Truck Crop Division during this period: Nappa, 40,845 lbs. which is considered above average in production; squash 18,257 lbs.; cucumbers 8,256 lbs.; and the first few pickings of tomato totalled 1,078 lbs. The vine growth of the honeydew was progressing satisfactorily but failure to control the insects at the proper time resulted in rapid deterioration of the vines. As the cucumbers were being harvested the vines depleted rapidly which produced a lighter yield than was anticipated. Watermelon growth is reported as being fair and pollination also fair with numerous deformed melons on the vines which were thinned.



COLORADO RIVER WAR RELOCATION PROJECT  
AGRICULTURE DEPARTMENT  
POSTON, ARIZONA

REPORT FOR QUARTER ENDING JUNE 30, 1943

THE AGRICULTURAL DEPARTMENT STARTED THIS QUARTER WITH INCREASED ACTIVITIES. THE LANDSCAPE DIVISION OF ALL THREE UNITS MADE RAPID PROGRESS IN BEAUTIFYING THEIR RESPECTIVE ADMINISTRATION AND CANTEEN AREAS. THE NURSERY DIVISIONS, ALSO, HAVE DONE THEIR SHARE BY PLANTING FLOWER AND VEGETABLE SEEDS IN FLATS AND LATER DISTRIBUTING THEM AROUND THEIR CITY.

THE POULTRY DIVISION OF THE THREE UNITS HAD RECEIVED 11,164 BABY CHICKS DURING THIS PERIOD, AND 10,059 POUNDS OF CHICKEN FRYERS WERE DELIVERED TO THE SUBSISTENCE DEPARTMENT. THERE WAS CONSIDERABLE CONSTRUCTION WORK CARRIED OUT IN EACH UNIT.

THE SWINE DIVISION CONTINUED WITH THE ERECTING OF THE MESQUITE SHELTERS AND THE CONSTRUCTION OF THE SLAUGHTERHOUSE. DESPITE THE MANPOWER SHORTAGE, THE SLAUGHTERHOUSE CONSTRUCTION WITH THE EXCEPTION OF BUTCHER SHOP WAS COMPLETED ABOUT THE MIDDLE OF JUNE. DURING THIS PERIOD 12,922 POUNDS OF PORK AND 1184 POUNDS OF MISCELLANEOUS EDIBLE PARTS OF HOGS WERE DELIVERED TO THE SUBSISTENCE DEPARTMENT. THE TOTAL OF 9135.175 MANDAYS WERE REQUIRED BY THE POULTRY AND THE SWINE DIVISIONS.

THE TRUCK CROP DIVISION OF ALL THREE UNITS HAVE DONE THEIR SHARE IN PRODUCING VEGETABLES. THE FOLLOWING WAS HARVESTED DURING THIS QUARTER AND DELIVERED TO THE SUBSISTENCE DEPARTMENT:



SPINACH	33,055#
NAPPA	34,906#
ITALIAN SQUASH	19,357#
BEETS	56,845#
BROCCOLI	3,142#
CELERY	21,720#
CABBAGE	73,390#
GREEN ONIONS	11,284#
DRIED ONIONS	21,540#
ICICLE RADISHES	13,970#
LETTUCE	28,500#
SWISS CHARD	30,771#
SNAP BEANS	4,263#
CANTALOUPE	51,920#
CARROTS	46,880#
CUCUMBERS	48,463#
EGGPLANTS	3,090#
SHIRO URI (JAP MELON)	35,945#
TOMATOES	<u>1,078#</u>
TOTAL	540,139

THE TOTAL MANDAYS REQUIRED BY THE TRUCK CROP DIVISION  
WERE 8285.500.



April 1 - June 30

## DEPARTMENT OF AGRICULTURE

### Quarterly Division Reports

#### TRUCK CROP DIVISION

The Truck Crop division cleaned and repaired ditches and canals; hoed and irrigated the crops; fertilized, sprayed, and dusted the crops; thinned the vegetables; flooded, floated, and bordered the farm plots; planted and weeded; hauled and dug flumes; disced the crops; subjugated and cleared new sections; and also harvested the crops.

For the quarterly period the following crops were produced: Beans, Beets, Broccoli, Cabbage, Cantaloups, Carrots, Celery, Cucumber, Eggplant, Lettuce, Nappa-Shakushi, Onions-dry, Onions-green, Radish-Icicle, Shiro Uri, Swiss Chard.

#### HARVEST CREW DIVISION

The Harvest Crew harvested the following: Beans, Beets, Broccoli, Cabbage, Cantaloups, Carrots, Celery, Cucumber, Lettuce, Nappa-Shakushi, Onions-dry, Onions-green, Radish-Icicle, Shiro Uri, Swiss Chard. Also repaired and collected empty crates and other containers. The Harvest Crew was dropped at the end of the quarterly period.

#### FIELD CROP DIVISION

The Field Crop division was organized early in June. Eighty acres in Section 10 has been prepared and milo maize was put in. Sixty more acres of Section 10 are being prepared for alfalfa. In Section 27, 200 acres are being prepared for barley.

#### SEED GROWERS DIVISION

The Seed Growers division grew, took care of, and produced seeds for the material and supplies division. The seeds produced are: carrots, daikon minokokonaka, daikon minowase #1 and #2, china nappa, shakushi nappa, sasage beans, shiro uri, onions-southport white globe, onions-yellow globe, and shingiku #1 and #2.

#### MATERIAL AND SUPPLIES DIVISION

This division distributed seeds, insecticide, small equipment, and other items to Camps I, II, & III for use in the Truck Crop Divisions. This division also mixed the various insecticides which were distributed.



## POULTRY DIVISION

This division started in January with 6000 chicks. From April 1 to June 30, 6000 chicks were purchased. Six thousand (6000) fryers were distributed to the mess halls. Three hundred twenty five (325) died from the extreme heat. We have now on feed, 1800 pullets ready to lay eggs. Seventeen hundred (1700) fryers ready to be distributed to the mess halls in a couple of months. During this quarter, forty (40) fattening coops were constructed. Also work was done on the new poultry site.

## SWINE DIVISION

The division watered, fed, and cared for the hogs. Cleaned the pens; constructed the slaughter house, ice house, and sidewalk; did carpenter work on the buildings; made shades in the pens; repaired fences; beside doing miscellaneous chores. Slaughtering was started in June with 57 hogs being slaughtered. Sixteen (16) died of heat prostration. Total hogs on feed was 494 at the end of June.

## SANITATION DIVISION

Collected and hauled garbage to the hog site.

## FISH CULTURE DIVISION

Since April, 14 ponds were dug. One measures 100' x 100', four measures 50' x 50', and the others measures 50' x 100'. During this period 200 carps were taken from the river, 10,000 catfish from the canal, 20,000 perch from the canal, 500 bass from the canal, and thousands of minnows, which were given to the Sanitation Department to destroy the mosquito eggs. At the present time, a 4½ acre pond is being dug. Stale bread is being collected from the mess halls to be used as fish food.

## EQUIPMENT, MAINTENANCE, AND REPAIR DIVISION

As this name implies, this division equips, maintains, and repairs all equipment used by the Agriculture Department. This division also supplies transportation, hauls brushes and posts, and maintains a carpenter shop. In June, a blacksmith shop was started to expedite the repairing of equipment.



## NURSERY DIVISION

During this quarterly period besides attending to the general work of the nursery, the Nursery Division delivered flowers to the hospital, supplied flowers and plants for weddings and funerals, and also for the fashion show and the commencement exercises, and delivered vegetable and flower seedlings to the blocks to be transplanted in the block gardens. Flower seeds were gathered from the nursery plot.

## SOIL DIVISION

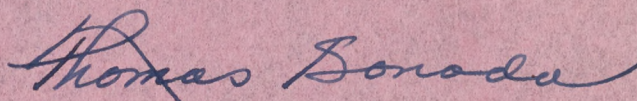
During this period pits were dug, profiles were read, samples were collected for alkali determination on Section 26 Township 8 N, part of Section 35 Township 8 N, and 80 acres of Section 11 Township 7 N. The crew also worked in the office to help the compilation of reports of the fiscal year. The soil crew was dropped due to the 10% cut of project employees.

## SUPPLEMENT TO TRUCK CROP DIVISION

### Production in pounds:

Beans	10,212
Beets	56,845
Broccoli	3,142
Cabbage	15,810
Cantaloup	5,620
Carrots	34,480
Celery	21,972
Cucumber	39,955
Eggplant	3,090
Lettuce	28,500
Nappa	25,740
Onions, dry	21,540
Onions, green	11,284
Radish, Icicle	13,970
Shiro Uri	35,945
Swiss Chard	30,991

Respectfully submitted,



Thomas Sonoda,  
Supervisor of Agriculture



CT

#### TRUCK CROPS

Five acres spinach harvested. Plot was disked and the ground was prepared for planting of honeydew and 12 acres of cabbage which was harvested; crop disked and prepared for casaba and honeydew. Five acres of carrots harvested and disked up but nothing is planted in its place. Twenty-one acres cantaloupes started to harvest, but did not complete by June 30, the harvesting extended to July. Other crops, tomatoes, and adjusted the runners of the melons, honeydew; dusted the honeydews, watermelons, and cantaloupes; irrigation of crops; also, around the camp, firebreak areas.

#### POULTRY

Work consisted of care of chicks and the poultry farm. At the brooder house, it was mostly feeding and night watching, cleaning out of brooders, transferring chicks to the farm. Quite an amount of construction was done on the poultry farm. Fences were put up to divide the pens, constructed laying houses and laying nests; helped electrician put up the electric poles and constructed watchman's quarters, made feed hoppers, concrete water troughs. Cared for the chicks, fed the chicks, night watching, cleaned out the pens--operating on crop bound chickens. Transferred chickens for the kitchen.

E. F. F. A.

#### TRUCK CROP

Planted tomato plants, cantaloupe, watermelon and Italian squash. Prepared the land, subjugating, leveling, chiseling and furrowing, cared for the plants in hoeing and irrigating. Construction of irrigation canal.

#### SWINE

Constructed the hog pen, hog shade, feeding platform, 2 wallows, daily chore; such as, cleaning up the wallows, feeding troughs, feed platform.

#### POULTRY

Constructed the chicken pen, water trough and feed trough. Constructed the shade. Daily chore; such as, feeding and cleaning the pen.

#### LANDSCAPE AND NURSERY

Finished landscaping the Community Enterprise store area and the police department, the agriculture office, Christian church, Buddhist church, the library, the chronicle office. Started on the administration area but have not completed. The nursery usually work on transplanting and making fa



## TRUCK CROPS

Five acres spinach harvested. Plot was disked and the ground was prepared for planting of honeydew and 12 acres of cabbage which was harvested; crop disked and prepared for cabbage and honeydew. Five acres of tomato seeds also for the plants, also for the flower seeds. This division aided the truck crop division in harvesting cabbage and other vegetables. and adjusted the runners of the melons, honeydew; graded the honeydew, watermelons, and cantaloupes; irrigation of crops; also, around the camp, fireweed areas.

## POULTRY

Work consisted of care of chicks and the poultry farm. At the brooder house, it was mostly feeding and night watching, cleaning out of brooders, transferring chicks to the farm. While an amount of construction was done on the poultry farm. Fences were put up to divide the pens, constructed laying houses and laying nests; helped electrician put up the electric poles and constructed waterman's quarters, made feed hoppers, concrete water troughs. Cared for the chicks, fed the chicks, night watching, cleaned out the pens-operating on crop bound chickens. Transferred chickens for the kitchen.

## W. E. F. A.

## TRUCK CROP

Planted tomatoes plants, cantaloupe, watermelon and Italian squash. Prepared the land, subsoiling, leveling, chiseling and harrowing, cared for the plants in hoeing and irrigating. Construction of irrigation canal.

## SWINE

Constructed the hog pen, hog shade, feeding platform, 2 wallows, daily chore; each as, cleaning up the wallows, feeding troughs, feed platform.

## POULTRY

Constructed the chicken pen, water trough and feed trough. Constructed the shade. Daily chore; each as, feeding and cleaning the pen.

## LANDSCAPE AND NURSERY

Finished landscaping the Community Interiors store area and the police department, the agricultural office, Christian church, Buddhist church, the library, the chronicle office. Started on the administration area but have not completed. The nursery mainly work on transplanting



QUARTERLY REPORT  
July - August - September 1943  
Department of Agriculture, Poston 3

Truck Crop Division

During the months of July, August, the harvest of eggplants, tomatoes, honeydews and watermelons was at its peak. The production was as follows:

July:

Eggplant	92 baskets	2,300 lbs.
Tomatoes	518 lugs	11,418 "
Honeydews	749 crates	44,940 "
Watermelons	2,125 units	22,350 "
Cantaloupe	31 baskets	1,304 "
Cucumbers	12 baskets	396 "
Italian Squash	7 baskets	280 "

The harvest of the latter three items was completed during the first week of July.

August:

Eggplant	36 baskets	900 lbs.
Tomatoes	53 lugs	1,253 "
Honeydews	52 crates	3,120 "

This completed the production for this quarter. The rest of the time following the completion of harvest was devoted to preparation of land for fall planting.

The latter part of the month of September we started planting. The varieties were as follows:

Chinese Cabbage (Wong Bok)	36 $\frac{1}{4}$ lbs.	4 acres
Carrots (Denver Half Long)	5 $\frac{1}{2}$ "	2 "
Japanese Radish (Nerima)	24 $\frac{1}{4}$ "	2 $\frac{1}{2}$ "
Japanese Radish (Tokinashi)	17 "	2 $\frac{1}{2}$ "
Spinach (Prickly Winter)	47 $\frac{3}{4}$ "	2 "

Other supplies used were as follows:

Sulphate of Ammonia	200 lbs.
Nico Dust in July	135 "
Nico Dust in August	124 "

All of these were used on the eggplants.



## Nursery Division

The average number of men employed per day by the Nursery Division for the quarterly period was eleven men. The labor expended by these men was used in the following manner:

## July:

General Nursery Work	127	man days
Irrigating & Watering	38.5	" "
Shed construction	44	" "
Hoeing & Spading	4	" "
Transplanting	21	" "
Supervision & Misc. Labor	59.5	" "
Total	294	Man Days

## August:

General Nursery work & care including transplanting, watering, hoeing, mixing compost, etc.	246.5	man days
Supervision	24	" "
Tractor & Truck Labor	14.5	" "
Total	285.	" "

## September:

General Nursery work & care including transplanting, watering, hoeing, mixing compost, etc.	203.	Man days
Miscellaneous Labor	34	" "
Truck & Tractor Labor	4.75	" "
Supervision	22.5	" "
Total	264.25	" "

Distribution of the following plants and quantities was made to 16 blocks, F.F.A. School Agriculture Project, Landscape Division, Truck Crop Division, Camps I & II Nursery:

Cabbage	40 flats	
Celery	596	" 3100 Plants
African Daisy	20	" "
Kochia	110	" "
Petunias	8	" "
Zinnias	5	" "
Total	779	" 3100 Plants

During the month of July a shelter 18' x 40' was constructed from arrow weeds, willows and other materials gathered at the river. Also 100 more new flats were made, each 18" x 18" in dimension. July plantings included 12 flats petunias, 9 flats cabbage, 9 flats zinnias. The month of August was too warm for seeding but there were approximately 1080 tamarisk trees and 600 oleanders replanted. September plantings included 52 flats heddiwiggi, 66 flats petunias, 61 flats snapdragons, 45 flats gaillardias, 10 flats larkspurs, 10 flats verbena, 40 flats pansies (seed donated by Mr.



Yoshimura of Block 305) 30 flats African Daisy, 150 flats calenduas and marigolds.

Celery was transplanted in a small plot in front of the lath house, about 4,000 plants being used in all which showed excellent growth.

#### Field Crop Division

The field crop crew was organized August 20. As a preliminary step toward farming the 160 acres located in Section 11, the crew performed 325.625 man day labor constructing a turnout in preparation for getting water into the canal. During the latter part of September 52.500 man day labor was spent digging stumps in this plot, 24.000 man days supervisory work.

#### Poultry Division

The inventory on poultry for the quarterly period is listed below

	<u>Opening Inv.</u>	<u>Mortality</u>	<u>Closing Inv.</u>
July	5611	186	5425
August	5425	492	4933
September	4933	108	3324

The total mortality for this quarter was 786 birds. Fifty two per cent of this was due to freezing and drowning in August during a severe storm. Other causes were intestinal defect, cannibalism, leucosis, and bronchitis.

Feed consumption for the three months were as follows:

	<u>July</u>	<u>August</u>	<u>September</u>
Growing Mash	10,500 lbs.	7,625 lbs.	9,360 lbs.
Laying Mash	1,500	5,000	6,200
Cracked Wheat	500	3,000	
Whey	300	210	
Milo Maize		1,210	2,480
Corn Meal	800	1,390	1,650
Oyster Shell	200	100	300
Rolled Barley	500	750	475
Alfalfa Meal		30	120
Rolled Oat			315
	<u>14,300</u>	<u>19,305</u>	<u>20,900</u>



Egg production commenced on August 23rd. August production was 9 cases or 270 dozen; September production 56 cases or 1,680 dozen. Before these are delivered they are cleaned and candled, then undergo inspection by the Division of Sanitation and passed for human consumption. A total of 1,502 birds were killed during this period. Delivery to the mess hall equalled 5,222.25 pounds.

In July a shelter covering 1,536 square feet was constructed of arrow weeds. An office and warehouse was built between the brooder house and laying house, 12' x 30' in size. A new brooder house, 18' x 96' was constructed to house the fall shipment of chicks. This house was completed the last of September.

Empty containers of various types were collected periodically from the mess halls.

Labor by this division was used in the following manner:

July:

Feeding and caring	618	Man	Days
Nightwatchman	98	"	"
Carpenter work	99	"	"
Supervision & Miscellaneous	49	"	"
Total	<u>864</u>	"	"

August:

Feeding and caring	485	"	"
Construction & Carpenter Work	125	"	"
Nightwatchman	96	"	"
Miscellaneous	36	"	"
Supervision	24	"	"
Truck & Tractor Labor	13.875	"	"
Total	<u>779.875</u>	"	"

September:

Feeding and caring	441	"	"
Nightwatchman	91.5	"	"
Construction & Carpenter	181.5	"	"
Miscellaneous	24.5	"	"
Supervision	24	"	"
Truck & Tractor Labor	18.5	"	"
Total	<u>781.</u>	"	"



### Administration Landscape

During the months of July, August and September the Administration Landscape crew composed of 12 member devoted their time in the Administration area in the following manner:

#### July:

Digging Drain	130.5	man	days
Planting	29.5	"	"
Irrigating	95.5	"	"
Preparing Stakes	6.5	"	"
Miscellaneous Labor &	31.5	"	"
Supervision	294	"	"
Total			

#### August:

Making tree support	34	"	"
Irrigating	94	"	"
Planting	5.5	"	"
Preparing sidewalk	44.5	"	"
Miscellaneous Labor	80	"	"
Staking tree support	7	"	"
Supervision	23	"	"
Truck & Tractor Labor	1.25	"	"
Total	289.25	"	"

#### September:

Irrigating	75.5	"	"
Planting	59	"	"
Hauling Leaf Mold	9	"	"
Constructing sidewalk	37	"	"
Miscellaneous Labor	55.5	"	"
Cleaning Yard	24	"	"
Supervision	24	"	"
	284	"	"

### Landscape Division

The Landscape Division composed of from 9 to 12 member, part of whom were part time student workers devoted most of their time to care for the Christian church, Industry, Agriculture, Red Cross, Public Health and the main canteen yards and lawns. Manure was applied to the lawns for fertilization. Kochias which make effective borders were planted along the lawns of the Christian church and canteen area. These lawn were all planted into rye grass but as type of grass is unable to withstand excess water and heat, burmuda grass seed was sown into the rye grass lawn to keep them looking green throughout the year.

During these three months extra care had to be given to the lawns, shrubs and flowers by irrigating every day early



in the morning before the heat become too intense. Several trips were taken to the river to get tamarisk which was brought back and planted on the south side of the baby clinic. A small peanut bed was planted on the north side of the Industry building. Several cesspool were dug to dispose of the water from the cooler.

On several occasions the crew went up to the hills to get flagstones. These stones were used for a walk area around the Agriculture building which makes a very neat appearance. At the same time cactus was brought back to enlarge the cactus garden between the Agriculture and Industry building.

During the latter part of September a survey was made on the number of dead Chinese elm trees throughout the camp and the statistic compiled revealed a total of 651 dead trees. The chief cause of these deaths appeared to be the Dutch elm disease.

Statistics on man day labor by this division was as follows:

## July:

General care of shrubs, lawns	65.5	man	days
Hauling gravel	3	"	"
Watering	127	"	"
Planting	20	"	"
Ground Preparation	12	"	"
Digging Drain	6	"	"
Micellaneous	21	"	"
Supervision	24.5	"	"
Tractor Labor	5.125	"	"
Total	284.125		

## August:

Watering	96	"	"
General Care	43	"	"
Hauling Manure	7	"	"
Digging Cesspool	8.5	"	"
Prepared walk	12.5	"	"
Miscellaneous	38	"	"
Supervisor	24	"	"
Truck & Tractor Labor	4.5	"	"
Total	233.5	"	"

## September:

Watering	110.5	"	"
General Care	32	"	"
Hauling stones	4	"	"
Prepared walk	29	"	"
Miscellaneous	25.5	"	"
Supervision	23.5	"	"
Truck % Tractor Labor	2.250	"	"
Total	217.750	"	"



Materials & Supplies

Insecticide and seed distributed to the blocks this quarter amounted to the following quantities:

Copenhagen Cabbage		8	ozs.
Chinese Cabbage, Wong Bok	4	lb.12	"
Cucumber, Clark Special		8	ozs.
Japanese Radish, Nerima	8	lb. 8	"
Onions, Southport White Globe	1	lb. 4	"
Radish, Crimson Giant	2	lb. 2	"
Shingiku	3	lb.12	"
Spinach, Frickly Winter	26	lb.12	"
Nico Dust #10			
July	384	lbs.	
August	135	"	
September	351	"	

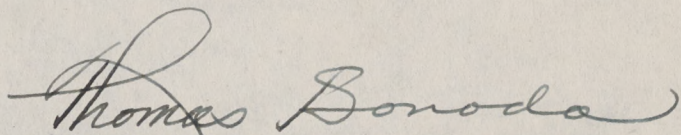
As the seed supply is very limited we were unable to fulfill all requests from the blocks.



## GENERAL OUTLINE

The progress of these five divisions has been remarkable inspite of the many handicaps which they confronted. At times, when things were very dark and discouraging, however due to Mr. Sharp's untiring efforts, they have thus progressed.

With the Administrative Cooperation, the Agriculture Department expects to make further progress.

  
SUPERVISOR OF AGRICULTURE



QUARTERLY REPORT OF THE TRUCK CROP DIVISION  
FOR THE PERIOD OF JULY 1st to SEPT. 30

Work for this quarter consisted mainly of the maintenance of the crops, planting, harvesting and the digging of stumps at Section 34.

Crops which were planted were: Icicle Radish in FB2-B Shiro-uri NW 26, Carrots Plot I, Daikon NW 26, Cucumber NW 26 Nappa NW 26, Carrots F2B-N, Beans F2B-S, Cabbage Plot I, Broccoli F1A-S, Spinach, Nappa F1B-N, Nappa FB2-N. Eggplant was transplanted from a hotbed in N-26 to Plot NW 26.

Crops which were harvested were: Cucumber NW-26, Melons Blk. 8, Carrots Plot I, Eggplant C1-A, Gobo N-26, Irish potato Plot I, Icicle Radish F2B-S, Armenian Cucumber and Shiro-uri NW-26.

The Hubbard and Banana Squash at the Warehouse Plot and Tomatoes at the NW-26 plot were disced before harvesting because of burned roots which was caused by the extreme heat. The carrots in Plot I was disced due to the poor germination of the seed.

Insecticides and fertilizers used during the quarter were as follows: (Approximations)

Nico-dust-----	1025#
Sulphur-----	175#
Calcium Arsenate-----	925#
Ammonia Sulphate-----	3/4 Ton
Ammonium Phosphate-----	1/4 Ton
Potash-----	2 Ton
Fertilizer 10-10-0-----	4 1/2 Ton



The following seeds were produced during the quarter:

Beans(Sasage)-----	12 $\frac{1}{2}$ #
Carrots(Imperator)-----	91#
Onions(Southport White Globe)-----	9 $\frac{1}{2}$ #
Shiro-Uri-----	25#
Banana Squash	
Hubbard Squash	



QUARTERLY REPORT OF THE SWINE DIVISION  
FOR THE PERIOD OF JULY 1st to SEPT. 30

JULY

Daily:

Cleaning pens.

Watering and feeding pigs.

Hog crew worked like \$1.00 an hour men--including Sundays to prepare the pens for hogs that were to come in August.

Livestock inventory at the end of July was 442 heads.

AUGUST

Daily:

Constructing shade for hogs.

Repairing fences.

Feeding and watering hogs.

Expanding the ranch for temporary site of the farrowing pen.

We slaughtered 177 heads, average weight 350 lbs.

We purchased 556 heads on August 15, 1943.

We started breeding on August 16, 1943 and are expecting on December 5, 1943.

Livestock inventory at the end of the month was 778 heads including 89 sows and 5 boars.

SEPTEMBER

Daily:

Started construction of farrowing pen.

Slaughtered 156 hogs: average weight 300 lbs.

50 Gilts were transferred to breeding pen.

Closing inventory was 617 heads.

FEATURE:--

We had planned to finish the construction of the farrowing pen as soon as possible, but because of the shortage of materials, we were delayed. Therefore, we are planning to construct a temporary farrowing pen at a temporary site.

We wish to have soap every month, and also, in need of more workers.

DIVISION HEAD OF SWINE DIVISION



QUARTERLY REPORT OF THE FISH CULTURE DIV.  
FOR THE PERIOD OF JULY 1st to SEPT. 30

Fish Culture was started June 15, 1942 on a very small scale. It worked up to the present scale by all branches of the Fish Culture Division.

TO DATE:--

We built 14 nurser ponds and 1 big pond. (measuring  $4\frac{1}{2}$  acres) In all, there are about 10 acres which we are using for fish culture.

Delivered to the Sanitation Dept., 110,000 Minnows to destroy mosquito eggs.

We have transfered 15,000 small Carps from the nursery pond to the bigger pond.

We have collected stale breads from all of the mess halls for the fish.

Repaired supply ditches---estimated about 500 feet.

Raised all banks around the fish pond to approximately 350 feet.

Installed drain pipes and 2 supply ditches to the nursery ponds.

Removed 20,000 Perches from nursery pond to the larger pond.

Made cheese cloth nets to catch Minnows and Perches.

Made regular fish nets to be used in nursery ponds.

Made signs and had same posted all around the ponds. (Keep Out signs)

Hauled 6 truckloads of Mosquite trees to make barricade around the bigger fish ponds.

Besides all of these duties, we fed all fishes and kept 2 men to watch all ponds.

At present there are about 50,000 Carps; 50,000 Perches and Blue Gill; 2000 Catfish, and 500 Bass.

---

DIVISION HEAD OF FISH CULTURE



QUARTERLY REPORT OF THE POULTRY DIVISION  
FOR THE PERIOD OF JULY 1st to SEPT. 30

The Poultry Project of Camp I has been caring for a growing flock of 5500 meat birds, ranging from 4 week old chicks to 3 pound birds. Of this flock, 3525 meat birds had been delivered to various mess halls and hospital.

As I stated in the previous reports, we are still unable to build regular range houses for 4 month old pullets. The 1600 pullets which were moved in from the batteries are housed in 16 tents.

Baby chicks have not been purchased because of the extreme heat.

Besides the pullets, there are about 1700 meat birds in the batteries. 300 birds died from sunstroke. Some of them could have been spared if we were able to provide adequate shade. Water is still being carried in buckets. The extreme heat necessitates a constant change of water. Approximately 100 chickens died by being pecked to death. This was caused by the lack of greens.

I believe that if we can provide sufficient amount of shade and feed enough greens, we will get better results during the trying summer months. It is surprising how much heat the chickens can stand. The temperature often climbed to 120 degrees. This terrific heat was somewhat tempered by the plasterboard shades we put up. Along with the shade, I again stress the necessity of running water.

The construction crew has been working on the permanent site since July. They have built 10 ranges but have not been



QUARTERLY REPORT OF THE POULTRY DIVISION  
FOR THE PERIOD OF JULY 1st to SEPT. 30

CONTINUED

able to complete the work due to the lack of materials.

Twenty four men are now working for the Poultry Project.

DELIVERIES

<u>DATE</u>	<u>AMOUNT</u>	<u>ARTICLE</u>	<u>WEIGHT</u>	<u>PLACE OF DEL</u>
July 2	1787	R.R. chicken	3 lbs.	#1 Mess Hall
July 10	33	W.R. chicken	3 lbs.	#1 M.P.Mess
July 23	1516	W.R. chicken	2 3/4 lbs.	#1 Mess Hall
July 23	22	W.R. chicken	3 lbs.	#3 Mess Hall
July 23	167	W.R. chicken	3 lbs.	#2 Mess Hall

Every week-----6 chickens--- Hospital

3000 cubic feet manure-----Truck Farm  
-----Nursery

*Kamichi Sato*  
DIVISION HEAD OF POULTRY.



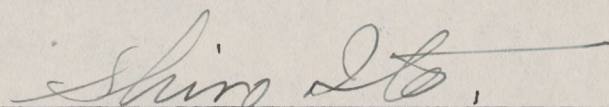
QUARTERLY REPORT OF THE FIELD CROP DIV.  
FOR THE PERIOD OF JULY 1st to SEPT. 30

The Field Crop Division at the beginning of this quarter was consisted of 12 men but due to the increase of farm land, the crew had been increased to 14 men. The crop on hand then was 70 acres of standing Milo Maize, on Section #10, which had just sprouted.

Since then, it had been irrigated 7 times, which may seem too frequent but was absolutely necessary due to soil and climatic conditions. Though it is too early to establish the yield of the crop, it will be ready for harvest some time in November.

On the same section, about 60 acres of land had been prepared for the Alfalfa Crop. The work was consisted of digging tree roots and stumps, discing, floating, bordering, digging ditches, trial flooding, rediscing, relevelling, rebordering, etc. Also another 40 acres on the same section has been allotted for an Alfalfa Crop, on which discing, floating, bordering, and trial flooding have been done.

Aside from field crop work, the crew has helped the Swine Division to construct pipe lines and various other construction work.

  
DIVISION HEAD OF FIELD CROP.