

Michigan Mirror

(Continued from Page Two)

members of our teaching faculty. This we greatly deplore.

"For example, Purdue university and Indiana university both pay more to teachers than we do at East Lansing. Result: We lose good men and women constantly simply because other schools offer more attractive wages.

"In addition to its regular college departments, Michigan State maintains an agricultural extension service and an agricultural experiment station and research program that are nationally famous. These services are additional and separate responsibilities.

"Your county agricultural agent, for example, is an employee of the college. The salary range is from \$2,100 to \$3,700.

More often than not, the agent is the lowest paid official at the courthouse.

"We want to expand our extension service, provide additional demonstration agents and 4-H club workers, and broaden the adult educational program so that it will serve others than rural peo-

ple in all fields of adult interest.

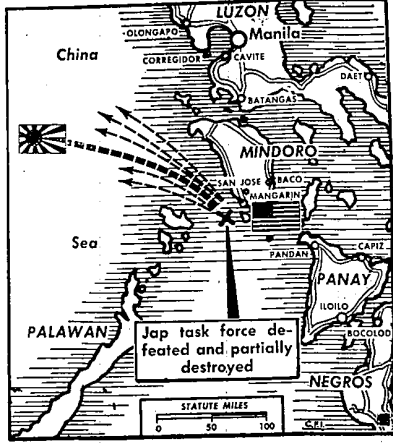
"If needs of Michigan farmers are to be met, the agricultural experiment station must have adequate facilities, now sorely lacking to carry on its research work. The extra cost would be a small fraction of the added income to Michigan farmers."

Dr. Hannah said that the legislature would be asked in 1945 to appropriate \$750,000 for a classroom building to be built immediately, \$502,000 for agricultural research facilities and work, \$613,000 for continuation and expansion of the agricultural extension service, and \$2,350,000 for maintenance and operation of the college itself.

He conceded that the college enrollment could be "frozen" at an arbitrarily selected level and that the college could be closed to additional students. This would be an unprecedented denial of educational opportunity. And it is Dr. Hannah's belief that this extreme restriction would meet with disapproval of Michigan fathers and mothers, and that the college board, and ultimately the body, would be loath to shut the doors.

And yet, in some way, a solution must be found soon.

AIR FORCE WHIPS JAP FLEET



After a Japanese fleet of eight warships shelled U.S. airdromes on Mindoro Island, the Philippines, was blasted with bombs and torpedoes by Thunderbolt and Mitchell planes and Navy PT boats. This action sank three Japanese destroyers, damaged a battleship and a destroyer. The shattered remnants of the Jap Fleet fled (dotted arrows on above map) back into the China Sea.

Pictureque Country

Since the day in 1776 when Captain John Carver published a little book about his explorations in the wilderness country that is now Wisconsin, succeeding generations of outdoorsmen and sportsmen have made the Boulder Junction area the destination of their travels.

First came the fur trappers and after them the loggers to harvest the virgin timber of the northland. Logging camps sprang up with their primitive pictureque meshouses, storehouses, bunkhouses, and rugged machinery. They were communities within themselves, even to maintaining their own courts which fined a guilty party so much smoking and plug tobacco for his misdemeanor. They created their own festivals which still survive in the celebrated log rolling contests and other feats of woodsman's skill.

Diseased Seeds

Serious plant diseases may be carried in or on the seed. Because of this, seed should be saved only from the healthiest pods, fruits, or tubers taken from the healthiest plants in the garden.

Metallic Paint

Metallic paint applied on galvanized sheet metal is reported to give seven years of good service, with one coat, in rural areas and 10 years of service, with two coats, in cities.

Colorful Cassia Versatile Flower for Garden

Cassia marilandica (common name—wild senna; Indian senna; American Senna) is an easily grown hardy perennial herb that you will welcome to your garden. It is very suitable for use as a background in the perennial border, as a factor in front of shrubbery, or in a foundation group. It reaches a height of three to five feet.

The cassia group includes herbs, shrubs and trees of the pea family. The trees, however, are mostly tropical, but several of the herbs are suitable for temperate regions. Grasses and weeds of some species of this group are used in medicine.

The foliage of cassia marilandica is pinnate, resembling locust foliage, and blossoms are racemes of showy yellow flowers, somewhat similar to those of the canary vine. The flowers are beautiful in a bouquet with white phlox. Flowers are borne in June and July.

Cassia marilandica is not particular as to soil, but will do best on sandy loam; this plant is a sun lover and the soil should not be too wet.

Landing Mats

Utilization of sectional landing mats for war planes has been developed to a point where a runway 300 feet long and 150 feet wide can be laid down in a day. Their rapidly mounting use against the Germans and Japs has necessitated exceedingly rapid production.

The mats are manufactured from 10-gauge steel sheets in sections 19 inches wide and 10 feet long, properly punched and slotted so that untrained workers without special tools can quickly link them together for military use. For protection against every kind of weather it is necessary that they be painted with a durable finish. As an aid to camouflage, an olive green paint is used. Combined with the open design of the mat sections, this gives the mats the appearance of the kind of terrain on which they are generally used.

A continuous finishing system de-greases, dips, dries, bakes and cools the landing mats as fast as they can be turned out, and can be stepped up to even higher speed if necessary. Electronic safety controls which guard against almost any kind of mishap in the factory processes constitute a modern factor in this accelerated production.

Harrow Fields

Farmers find it pays to harrow their fields just before planting the crops, to kill the sprouting weeds. They often harrow the entire field after the seeds of certain crops have been planted, to kill the weeds in the surface soil and to give the crop plants a good start.

Gardeners will find the same practice pays: cultivate the ground before planting, and cultivate the soil between the rows as soon as the ground is dry enough to stir after a rain, and whenever the weeds are seen peeping above the soil. When the seeds are just sprouting, thousands can be destroyed in a few minutes. A week or two later the same job might take hours.

Straight, well marked rows are an advantage in early cultivation, as the scuffle bar on the wheel hoe can then be run close to the crop plant seedlings.

Pulpwood Uses

Smokeless powder, blood plasma containers, cork parachutes, aviation vests, ski bindings, fire-alarm bells, and commando bags are a few of the many hundreds of things for which pulpwood is used.

Paper Bottles

Paper milk bottles can be treated to prevent oxidized flavor of the milk by sizing the raw cardboard stock in a bath of a 10 per cent solution of oat flour, then paraffining the stock in the usual way.

Relation of Intelligence to Season of Birth Probed

Although it has been claimed that children conceived in the winter months are somewhat more intelligent than those conceived during the other half of the year, the Journal of the American Medical Association observes.

It has been shown conclusively, according to A. Fraser Roberts (in an article in a recent issue of the British Medical Journal) that children whose time of conception is centered in the winter months are on the average somewhat more intelligent than those conceived during the other half of the year. Two explanations of the difference are suggested: first, that the season of conception influences intelligence or, second, that intelligence influences conception.

According to Roberts, the observed association between the time of conception and intelligence is to be ascribed not to seasonal influences on the mother or the developing child but to a tendency for the children of more intelligent parents to be conceived slightly more often in winter, those of less intelligent parents slightly more often in summer.

Examining as this statistical probabilities may be, it is not necessary for people to suffer needless alarm if their birth dates happen to classify them as summer children.

Promotes Research

In 1916 the Canadian government established at Ottawa, Ontario, what is now known as the National Research Council of Canada. Up to that time the only research laboratories of any significance existing in Canada were those of the universities, where many valuable researches were under way but where the work was often seriously limited by lack of funds. This deficiency was of scientific importance and the government undertook to remedy in especially urgent cases, by the provision of special equipment or much-needed technical assistance. The serious shortage of scientifically trained men, which the country was then exporting to the establishment of postgraduate research scholarships in laboratories. Advisory positions were also created in some of the more important branches of science and technology in order that the council might have the benefit of the advice of specialists in extending the various activities.

Compost Pile

Every garden needs at least one compost pile. It is made with alternate layers of soil and organic material, such as old leaves, weeds, remains of old crops, and kitchen waste. An occasional layer of manure or commercial fertilizer helps decomposition.

The compost pile should be made neat and flat-topped, with vertical sides, and is kept moist to help decay. To mix the compost, a spade is used to slice downward through the pile, making a new pile of the slices as they will be applied.

After a year, during which it has been turned two or three times—the pile will be well rotted.

Supplied Oil

Our nation last year supplied nearly 50 per cent of the war oil requirements of the United Nations, with crude production 7 per cent higher than in any previous year.

Hog Treatment
Treatment of individual swine with pneumonia often pays dividends. The best treatment is 1/4 gr. of sulfathiazole per pound of body weight per day over a four to five-day period.

May Improve Breed
Artificial insemination possesses great possibilities for herd improvement through the use of outstanding herd sires which few dairymen could afford to own.

YOUR INVITATION TO
A GREAT COMMUNITY RECOGNITION SERVICE FOR
OUR BOYS AND GIRLS IN THE ARMED FORCES

See
ACTUAL BATTLEFIELD PICTURES
(In Sound)

Hear
Gadiel Gunderson
Tell What The Church Is Doing For Them

at
NOVI BAPTIST CHURCH
Novi, Mich.
SUNDAY, JANUARY 7th, 1945
8:00 p.m.

(SPECIAL PRAYER for all the Boys and Girls in the Armed Forces from this community. MAIL YOUR REQUEST to Rev. C. K. Graham, Novi, Michigan or call Northville 7122F23).

1945 Home News

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\$ 25	\$ 12.50
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Child Life	3.00
Christian Herald	3.00
Country Gentleman (5 yrs.)	2.50
Elude Music Magazine	3.60
Farm Journal & Farm Wife	2.15
Field & Stream	3.50
Flower Grower	3.25
Flying Aces	3.50
Fun-Fish-Game	3.10
Good Health	2.80
Household Magazine	2.15
Hunting & Fishing	2.75
Hygiene (Health Mag.)	2.25
Infels Detective	3.20
Jack & Jill	3.00
King Comics	3.00
Magazine Digest	3.75
Maple Comics	3.00
Natl. Livestock Producer	2.25
Nature Magazine	3.60
Open Road for Boys	3.00
Outdoor Life	3.50
Outdoors	3.00
Outdoorsman (2 yrs.)	3.25
Parents' Magazine	3.25
Pathfinder (weekly)	2.75
Popular Homecraft	3.25
Popular Mechanics	3.00
Poultryman (weekly)	2.40
Reader's Digest	4.75
Redbook	3.00
Screenland	3.75
Silver Screen	3.00
Successful Farming	3.00
The Woman	3.00
True Comics	2.85
Tree Story	3.00
U. S. Camera	2.85
Walt Disney Comics	2.85
Wise Wisdom	2.85
Your Life	3.50

LIST "A"

- Country Gentleman, 5 yrs.
- Market Growers Journal, 1 yr.
- Calling All Girls, 1 yr.
- Fun-Fish-Game, 1 yr.
- Walt Disney Comics, 1 yr.
- Screenland, 6 mos.
- U. S. Camera, 1 yr.
- Silver Screen, 1 yr.
- Hunting & Fishing, 1 yr.
- Household Magazine, 5 yrs.
- Pathfinder (wkly.), 1 yr.
- Farmers Guide, 1 yr.
- Beekeeper's Item, 1 yr.
- Poultryman (wkly.), 1 yr.
- The Woman, 1 yr.

THIS NEWSPAPER 1 Year and Any 3 Magazines from List A \$3.75

LIST "B"

- American Fruit Grower, 1 yr.
- Capper's Farmer, 1 yr.
- Market Growers Journal, 6 mo.
- Opportunity, 1 yr.
- Natl. Livestock Producer, 1 yr.
- Philatelic Press, 1 yr.
- Household Magazine, 1 yr.
- Successful Farming, 1 yr.
- Hunting & Fishing, 6 mos.
- Natl. Livestock Producer, 1 yr.
- Michigan Farmer, 1 yr.

THIS NEWSPAPER 1 Year and Any 5 Magazines from List B \$2.75

THIS NEWSPAPER 1 year ALL FOUR ONLY 2 Magazines from List "A" 1 Magazine from List "B" \$3.35

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