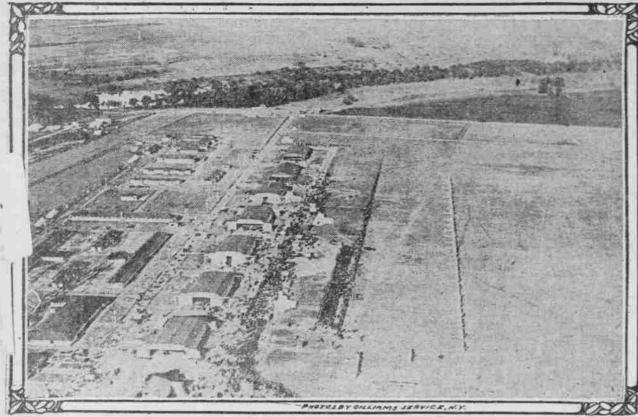
AIRPLANES IN U. S. NOW NUMBER 30,000, WITH FEW PLACES WHERE THEY MAY LAND SAFELY

Serious Airplane Accidents Due to Remarkable State of Affairs-Municipalities Seriously Consider Establishment of Landing Fields.



There Must Be Kundreds Of Such Fields As This Before Aviation Can Be Placed On Proper Commercial Basis.



FTER braving fogs and head A winds to successfully cross the Atlantic on the first trans-Atlantic voyage of a dirigible, the giant English R-34, the day after her arrival in the United States, met with a rather serious mishap when a 30-foot hole was orn in the gas bag. This accident would not have happened if proper facilities for housing the big airship

the open, a sport to every breeze When Captain Alcock, the English aviator, and Lieutenant Brown, his American assistant, braved all kinds of dangers to accomplish the first nonstop flight across the Atlantic in a heavier than air machine, their air-piane was wrecked when they landed in Ireland because no suitable landing place could be found.

existed, but unfortunately they did not

place could be found.

These accidents have naturally attracted general attention to the great big difficulty at present in the way of the rapid development of aerial navigation-landing stations.

Air navigation has come so quickly that to a very great extent the world was unprepared for it. It's a true case of mining the contract of the contract o

of putting the cart before the horse. Suppose we were so far back in our facilities to dock the big trans-Atlans tip liners that instead of having piers, extending for blocks out into deep water, we attempted to the these huge ships to some post on the shore. Ship wrecks, of course, would result and accidents galore. That is about the flittle United States is in today. The air ships are with us and commercial aeroplane navigation crying for develop-ment, yet we have hardly a place for ascopianes to land without danger of accident. It would be laughable if it were not so serious.

World Slow to Realize Change.

The mituation seems to have come about because only those engaged in alrolane manufacture and navigation were far-mighted enough to regard the rapid development of the commercial possibilities of the aircraft seriously. Even after the war had clearly shown is the practicability of the flying ma-chine most people still persisted in regarding it in the light of an im-

sometimes takes bard knocks to make the world realize the utility of new things, and air navigation, unfor-tunately for the lives of some daring granters and the destruction of some valuable machines and other property,

wantage and the destruction of some dark elevations of the control of the control



PLYMON

ent in this country no less than 20,000 tions laid down by the government air heavier-than-air machines, with more service for municipal landing fields, it being turned out of the factories and is required that transportation to and added to this number daily. When this from the heart of the city shall not

ON SHOTE

of the city in letters 15 feet high and three feet wide. This will be perfectly clear to the aviator from high in the

Other Classes of Fields Described. Second-class fields are those which conform to the specifications except that they are neither square nor rec-tangular. They have the same concrete runway in the shape of a cross, and in the center crossed arrows three feet wide with their heads pointing north and west.

nd west.
Third-class fields fail to meet the Third-class fields fail to meet the specifications along certain important lines. They are so placed that a take-off is possible only under certain weather conditions, or do not have hangar space or are so situated that help or supplies are available only on request. They must, however, have provisions for guarding airplanes and have telephones communication with have telephonic communication with the city. These are marked only with crossed bands three feet wide and one-twentieth of the length and width of the field. Third-class fields may be rectangular and second-class fields may

Fourth-class fields are those which an be used for landing only in case f emergency. All fields have a code etter and number painted in the north-

west corner.
In endeavoring to establish munici pal landing fields New York city and Philadelphia are in line with munici-palities all over the United States who are endeavoring to prepare public landing fields with the aid of the army landing fields with the aid of the army air service, as Uncle Sam is anxious to do all he can to help in the matter. Dealing directly with municipalities, the air service officers meet their officials and select suitable sites for landing fields and give all possible advice and aid toward having them put in shape. In a general way the present purpose is for the government to cooperate with the cities which have an aerial mail station or where the crosscountry routes of the air service call for intermediate stations, but this in for intermediate stations, but this in no wise restricts the establishment of lelds in any city or town where local conditions seem to warrant it, and the ervice is only too glad to aid in this

As it is now apparently only a ques-As it is now apparently only a question of a few months when public landing fields for airplanes will be as much a necessity for cities as are highways for automobiles, the governors of a good many states, as well as the mayors of many cities, if they do not wish to be behind the times, might well pattern their action after Governor Henry J. Allen of Kansas, who has started a very active campaign for landing fields among Kansas cities, and has so stirred up municipal officials in has so stirred up municipal officials in every corner of the state that Kansas may lead the country in the number of such fields. Already Governor Simon Bamberger of Utah has taken similar action.

STOCK ENTRIES RECEIVED

UNUSUAL EXHIBIT FORECAST soon as it is ready. FOR GRESHAM FAIR.

Valuable Awards to Be Made for Herds and Individual Cows. Bulls and Heifers.

That "pigs is pigs" may be true shough, the management of the combined Multnomah County Fair and Manufacturers' and Land Products Show will admit, but they add that the swine to be exhibited at the coming hig fair to be held in September at Gressham will be the very aristocracy of pigdom. Entries are being received by Thomas Brugger, who will supering the supering th by Thomas Brugger, who will superintend this department, and by the general secretary of the fair, C. D. Minton of the Spaiding building. It is anticipated that the exhibit of pigs, goats and poultry will contain some interest-than the leaf and stem growth developed by pitrogen.

The granges will have some good ex-hibits and these will be supervised by Mrs. Edyth Tozler Weatherred. The best farm display will receive an award of \$75. Pollowing is the score card for the farm display: Vegetables, 15 points: the farm display: Vegetales, to points, fruits, 20 points; grains and grasses, 15 points; household skill, other than needle, 15 points; quality 25 points; artistic arrangements, 10 points. In the farm display a special prize will be awarded the most beautiful booth.

Tacoma Folk Cannot Stand Being Kidded.

Residents of Quine Street Complain of Its Being Called Medicinal Ave-

TACOMA, Wash, June 16.—(Special.)

-Tacoma folk who live on Quine

Chats With Home Clardener

ed enthusiastically, but we have now reached a different stage of our work. which is called "summer gardening," and to keep the vegetables growing and healthy during the midsummer months is a far more difficult problem than it is in the cool, moist spring weather.

This gave rise to the old saying that "a gardener in August is worth half a dozen in May." Yet despite the impor-

The time to pick corn is when it has
the most sugar, which is when the
kernel is fully developed, but is still
"in the dough" or milky state. You
can pull back the husk and examine it
without picking the ear if you are
careful. Corn does not keep long in
prime condition, so cat or can it as
soon as it is ready.

Cucumber Culture.

We must force cucumbers in eevry way possible or they will not mature all their fruit before frost in our climate. To do this make their soil rich with manure or fertilizer, give them an abundance of warm or tepid water and cultivate often, especially after each irrigation. The and cultivate often, especially after each irrigation. The best way I have found to apply water to cucumbers, melons or other vines is to sink an old

vines, as the potash it contains helps produce the fruit which we want rather than the leaf and stem growth devel-

pasted that the exhibit of pigs, goats and poultry will contain some interesting features.

All entries must be made and in place before 16 o'clock of September 15, when the fair will open.

Dave McKeown will superintend the cattle exhibit and some valuable awards will be made for herds and individual cows, bulls and helfers.

The American Shorthorn Breeders' association has offered a premium of \$25 for the champion shorthorn bull owned in Multnomah county and exhibited at the county fair. Scores of other prizes range from \$6 to \$15.

J. M. Mann will be superintendent of the poultry division. The exhibit will include as well bantams, home-pizzons, turkeys and gease. The board will care for and feed all poultry. The latest edition of American Standards of Perfection will be the guide to the judges in awarding prizes on all varieties recognized therein.

Another feature to attract will be the milk and butter test. The Babcock test for buttorfat will be used. All entries must show the breed, age, date of calving and no condiments, condition powders or drugs must be fed to the cows during the test. Salting perfect tillage is essential.

Explants require the same general culture as tomatoes, but need more time to produce fruit to fa suitable size and must have more care. It needs a rather dry sedi and must have more care. It needs a rather dry sedi and must have more care. It needs a rather dry sedi and must have more care. It needs a rather dry sedi and must have more care. It needs a must he for its feeling must be done under the supervision of the conductor of the test. Or his deputized assistants. Cows shall not be milked more than three times each 24 hours during the testing period.

The granges will have some good exhibits and these will be supervised by Mrs. Edyth Toxier Weathered. The best farm display will receive an award of the conductor of the conductor of the test or his deputized have a secured by close picking of the immature fruit.

Kale and Kohi Rabi.

The granges will have some good exhibits and th

lar to that of cabbage. Kale is narely and improved by frost. The tender top leaves are used for "greens," the coarser leaves for chickens, cows, etc Do not pull the plants. They will grow right along for years if you simply cut off the leaves,

Kohl rabi thrives well in any soil if gives sufficient moisture during the

given sufficient moisture during the growing season. The enlarged stem which forms just above the ground is the part of the plant used. This, when properly cooked, has a desirable flavor and is very tender. Bulbs should be used before they become fibrous or woody, that is, when each is not more than two lackes in diameter. Lettuce in Summer.

Lettuce does best in the cool wet weather of spring and fall or in a shaded cold frame. All grown now should be well irrigated and if possible protected from the hottest sun. It does well in a shady place where other veg-etables would not thrive. It should have a rich soil and nitrogen as fer-tilizer. The Cas variety is usually grown in summer, but Chinese cabbage is just as fine and much hardler.

DEAR FRIENDS: We all know that on the ground has a yellowish cast shaded place, as it needs a cool, moist when ripe, together with a hard, rough, well cultivated. It is ornamental cooling with equal care and skill throughout the entire season.

In the spring we planned and planted enthusiastically, but we have now it bruises them inside, but the first ture and are ready for use in late winder to the first ture and are ready for use in late winder ture and are ready for use in late winder to the first ture and are ready for use in late winder ture and are ready for use in late winder ture and are ready for use in late winder ture and are ready for use in late winder.

two will be useful in buying melons.

Okra or Gumbo. Okra needs a rich soil and frequent shallow cultivation until the plants cover the ground. The young pods are the part used, when they are about an inch and a half long. These are used mostly in soups, to which they give a pleasant flavor and mucliaginous consistency. They are included in all commercial canned vegetable soup mixtures and it is very desirable that these

mulch, which prevents the ground drying out. For the same reason, however,
our cultivation must be exceedingly
shallow, that we do not cut into the
roots in hoeing.

The time to pick corn is when it has
the most sugar, which is when the
kernel is fully developed, but is still
"In the dough" or milky state. You
can pull back the husk and examine it
without picking the car if you are
careful. Corn does not keep long in
prime condition, so cat or can it as

pull all weeds as you thin the onlons.
leaving them standing about one inch
and a haif apart in the row. In about
two weeks they should have another
careful. After this they should
in the fall. In the fail the tops will
naturally fall to the ground and die
and the roots let go their hold on the
soil.

Onion sets can be planted in succession in our favored climate and we can

Parsley usually does well here the year around, but if the leaves become dull or brown in summer they should be cut off and the plants cultivated and well watered. They will start a new growth of leaves, which will be bright-

ter and early spring, when they are most appreciated. They are both left in the ground until used, as freezing does not injure either of them.

This gave rine to the old saying the are "a gardener in August is worth haif a y dozen in May." Yet despite the importance of our work now, we see very little written about it and often find at tendency amone our amateur gardeners to left mature lake its the hold weather. Don't ever forget that all vegetables were wild and what night be called weeds originally before they were bred up to their present excellence by the most careful and paints to nutre allowed on young plants and none allowed to ripen the laints will continue to produce position were wild and what night be called weeds originally before they were bred up to their present excellence by the most careful and paints to nutre allowed on young plants and none allowed to ripen the laints will continue to produce position will be a produced on young plants and none allowed to ripen the laints will continue to produce position will be a produced on young plants and none allowed to ripen the laints will continue to produce position will be a produced on young plants and none allowed to ripen the laints will continue to produce position will be a produced in any accessive nowings now commercial canned vegetable soup mixtures, ready for diluting, heating the canned the produce position will be a produced in any accessive nowings now commercial canned vegetable to the worth the surface and the work of the many accessive nowings now commercial canned vegetable to the water the later seedings will be an allowed to ripen the laints will continue to produce position will be produced in young plants and none allowed to ripen the laints will continue to produce position will be produced in young plants and none allowed to ripen the laints will continue to produce position will be produced in young plants and none allowed to ripen the laints will continue to produce position will be plants of the will be proved to the plants of the water the water the water that keeps the water the water the water that keeps the water in the sold there are the plants of the plants

water according to directions as to time for that particular vegetable. Next Sunday we will finish the list of vegetables and try to give a little time then to the care of our garden fruit which we set out last spring and have rather neglected on account of limited space. Your Garden Neighber. INEZ GAGE CHAPEL

NORMAL TO HEAR TALKS

Lectures and Programmes to Mark

Closing Week.

MONMOUTH, Or., July 26.—(Special.)
-Next week, which will mark the lose of the summer session, promises close of the summer session, promises to be busy at the Oregon Normal school. Edgar B. Piper, editor of The Oregonian, will deliver an address at chapel Monday murning. Allen Abbott of the English department of Columbia university will speak Monday. Miss Cornelia B. Marvin, state libration of the English department of Columbia university will speak Monday. day David Campbell will give a plane

or colored and better curied.

It is best to plant it in a partially held Wednesday night.



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