The man

WILSON REPORTS **CROPS ABUNDANT: VALUES NOT HIGH**

Secretary of Agriculture, in Annual Statement Says Nation's Products in 1911 Sufficient for All Needs.

Washington, Dec. 7 .- Secretary of Agriculture James Wilson made public today the fifteenth annual report of his department.

In the discussion of crop production and values the secretary states that the climatic conditions of the early part of the growing season of 1911 were adverse to agriculture throughout the The production of flaxseed this year country east of the Rocky mountains in

a degree that exceeds all records. For a period of 60 days, beginning in May, total value has never been equaled. value of \$47,000,000. a series of hot waves of marked se-Rye has the low production of \$1,000.-000 bushels, but the value, \$25,000,000 verity so early in the season followed

one another in rapid succession, and the weather bureau is quoted as declaring age. The sugar beet crop, which for several that it is probable that during no previ-

ous similar period of 60 days has the temperature been so continuously and largely above the average over so extensive a region in the last half century. At the same time there was a large deficiency of rainfall that added to the crop damage.

Abundance of Crops.

The secretary declares that "while the total values of the crops in 1911 are not so high as in 1910, there is reat abundance for all purposes." For the first time in many years the total value of farm products has declined from that of the preceding year. The estimate for 1911 is based on the census items, and is \$8,417,000,000, or \$277,000,000 under the total for 1910. The loss is chargeable to the general classes of animal products for which increase of price is indicated. Eggs, wool, butter and poultry have suffered in farm price during the year. In consequence of the decline of prices of farm animals and their products, this group is estimated as having produced value of \$2,913,000,000 in 1911, or \$321,000,000 below the amount for 1910. On the other hand, the crops are worth more than those for 1910, the estimate of their farm value being \$5,-504,000,000, a gain of \$44,009,000 over Farm prices of all crops are 1910.higher than for 1910 except for cotton.

cotton seed, and flaxseed, and this gennotwithstanding the other general fact that production was low makes about 10 crops of 1911 the most valuable ones of the same kinds that the farms of this country have ever produced.

Comparisons Are Interesting.

Interesting comparisons are made with official estimates in other countries of the value of products produced by the farms in those countries. An estimate of \$1,351,000,000 is quoted for Italy, of \$613,000,000 for Japan, of and beet production can best be treated \$484.000,000 for Australia, and of \$900,-0,000 for Canada.

With value more than twice that of less than the combined values of the It indicates that we can make our 0.352 of I cent per pound, or 3.8 per cotton, wheat, and oats crops, corn is sugar." This is the largest amount cent of the mean wholesale price; for cotton, wheat, and oats crops, corn is sugar." This is the largest amount by far the leading crop as a wealth ever made in this country by about 80. producer. The estimate of 2,776,000,000 000 tons and is 24 per cent above the bushels indicates a production that has five year average. The value has, of een exceeded in only two years. The price of corn is now higher than \$90,000,000, including value of pulp, it has been since the records of the department began in 1866, except in 1883, and this establishes a total value for

the crop that reaches \$1,700,000,000 and

world's wheat crop during the last five

Weather Euris Oats. The yield of the oats crop is estimat-ed to be \$74,000,000 bushels, a low

amount caused by adverse weather. Its value is placed at \$380,000,000, or five per cent more than the five-year aver-

age. About one-fourth of the world's oats is grown in this country. The potato crop of 282,000,000 bush-eds is about 90 per cent of the average production, but the farm price has in-creased to such an extent that the total value of the crop is the highest of record and amounts to \$213,000,000.

Barley is another crop deficient in production. The 146,000,000 bushels are 2 per cent below the five-year average, but the total value of the crop is about \$125,000,000, and much above the record value of 1907.

Tobacco Crop Lower.

The tobacco crop is estimated to be about \$00,000,000 pounds, or two per cent under the five-year average, and to be worth about \$76,000,000, or 5.3 per cent under the five-year average. The tobacco grown in this country during the last five years is 31 per cent of the world's

crop, and supplied other countries with a quantity that is 42.3 per cent of the world's exports of tobacco.

has been exceeded many times, but the The crop of 22,000,000 bushels has a farm

is 12.2 per cent above the five-year aver-

years remained close to \$20,000,000 in value, has risen to more than \$24,000,000 this year, an increase of 23% per cent above the five-year average. This is a above the five-year average. crop to the growth and establishment of which the department of agriculture has directed some of its best efforts.

Hop Grop Valuable.

No other crop exhibits such a high increase of value over the five-year average as the hop crop does. It is 140 per poultry, \$8.4 per cent for button, 75.8 This is because the price of hops, cent. which has usually been 10 to 20 cents a pound, has risen to 38 cents. Consequently the crop value has become \$15,made," declares the secretary, "is that the receipts into cold storage are en-500,000 The production, on the other tirely or very nearly exhausted by the hand, has callen off 15 per cent from the five-year average. Nearly one-fourth of the world's e-ports of hops go from deliveries of cold storage within 10 months." this country, and a little over one-fourth this country, and a little over one tout it is torage during the year beginning with of the world's crop is produced here. Rice is one of the five crops that have May, 1909, was kept there on the aver-age for 2.3 months; the fresh mutten, age for 2.4 months; the fresh mutten, 0.9 of a age, but the amount, although a little over 1,000,000 pounds, has been exceeded month; and the butter, 4.4 months. The twice.

poultry received during the year be-The buckwheat crop has been exceedginning with March, 1909, was kept on ed in production by only two crops since the sixties, and the value by no year the average 2.4. months; the eggs, 5.9 months; and the fish, 6.7 months. subsequent to that decade.

Means Used to Measure.

against the prices of stored commodi-As a sort of measure of the year's ties month by month. The owners performance in agriculture, the bushels must use good judgment and take their per cent below the five year average, will raise the total amount of cost and the secretary adds: "While it indi-above the market price. It is a post cates that the agricultural year of 1911 lem of the future. was below par, it is far from indicating The warehouseman has a rate was below par, it is far from indicating any degree of calamity. If the great charge for space for each commodity, cotton crop be taken into account, the in some cases for storing for the season, and in others by the month. An-

total crop production is below the aver-age in a less degrée than the cereals suggest." Although sugar making belongs to manufacturing, it is asserted that cane through the sugar made from them. The secretary says: "I am gratified to see that the beet sugar tonnage reaches cotton crop this year and but little the figure of nearly 600,000 short tons. course, soared and amounts to about

the highest previous value being about \$60,000,000 for 1909. Cane Sugar Production.

hops, flaxseed, sugar beets

in

ry,

October, 1880.

The cane sugar production of 1911 ated to be about 380,000 short

world's wheat crop during the last five reports also were to be made for fresh keep foods in cold storage, except in 50 years and contributed about one-eighth meats in coolers, nor was the time far as they sometimes speculate, nor of the world's exports. time in cold storage proper. The two years covered by the investi- in their business may be made to ap-

gation began with March, 1909, for dressed poultry, eggs, and fish; with pear. The foregoing matter, it may be supposed, establishes that. May, 1909, for fresh beef, mutton, pork, who places food in cold storage is someand butter.

May;

fish.

what in the situation of the man who Meat in Cold Storage. forestalls the market. He may not at-The principal months when fresh beef tempt to do, but the power may be a is placed in cold storage are Septem- temptation.

ber, October and November; mutton, "The affairs of such a business August, September and October; butter, this should have publicity. The public ought to know how much goods are in June, July and August, and sometimes storage from month to month and what eggs, April, May and June. Pork

the movements of receipts and deliveries is well distributed throughout the year. Poultry is made up of divers elements; are. brollers go into storage early in the "The food warehousemen should be re spring and roasters in the early auquired to send to Washington monthly

tumn; November, December and Janureports containing the desired informaary, and sometimes October are the tion. Here these reports could be heaviest storage months. With regard promptly aggregated and the results to fish there seems to be no regucould be given to the public on a pre-

larity in the heavy cold storage months; viously announced day of the month, most of the fish is received fresh and is frozen, and after the lapse of some time is sent to warehouses at places of consumption, where it is stored again.

bined in this investigation.

eggs, and 35.5 per cent of the fish.

Percentage of Receipts.

in seven months is 99 for fresh beef, 99.3 per cent for fresh mutton, 99.9

per cent for fresh pork, 96.1 per cent for

per cent for eggs, and 64.9 per cent for

"The important observation to be

The fresh beef received into cold

The costs of cold storage are running

other cost of storage is interest, which

third cost is insurance,

is not always a theoretical cost, and a

If these three costs are combined they

amount to 0.437 of 1 cent per pound of

fresh beef per month, or 3.5 per cent

of the mean wholesale price of beef

during the heavy cold storage months

of 1910; for fresh mutton the costs are

poultry, 0.446 of 1 cent per pound, or

2.8 per cent of the mean wholesale

price for the largest class of poultry:

for butter, 0.571 of 1 cent per pound,

or 2.4 per cent of the mean wholesale

price; for eggs the costs amount to

of the mean wholesale price.

0.593 of 1 cent per dozen, or 3 per cent

It is evident that as the time of

storage lengthens, the costs and their

The percentage of receipts delivered

somewhat as the crep reports are.' The remainder of the report is devoted to the work and affairs of the various bureaus of the department and These two periods of storage are comthe secretary's opinion of this work is

that "the study of agriculture is pro-During the three heavier cold storage months of 1910-11, 47 per cent of the gressing along scientific and practical lines and the work done indicates better fresh beef placed in cold storage during

the whole year was received into the mental equipment." warehouse; 59.8 per cent of the fresh The report conta The report contains a series of short paragraphs of much national importance. mutton, 59.2 per cent of the dressed They are reprinted below: poultry, 70 per cent of the butter, and 79.4 per cent of the eggs.

When the cattle fever tick is destroyed in the southern states the coun-It is established by this investigation that 71.2 per cent of the fresh beef try will get much more meat from that received into cold storage in the year 1909-10 was delivered within three section, and the producing of it will build up the farms there. months; 28.8 per cent of the fresh mut-

Theshog cholera serum developed in this department is successful where it ton, 95.2 per cent of the fresh pork, 75.7 per cent of the poultry, 40.2 per is properly made and applied. cent of the butter, 14.3 per cent of the Every country in the world that has diseased plants that can not be sold at home can ship them to us. This

results in great loss. The chestnut dis-ease bere is an illustration.

After years of experimentation we find we can grow Egyptian cotton in southern California and bulbs in the state of Washington.

Seven hundred and fifty million dollars is the best estimate for poultry products this year.

The day is not far distant when we will cease to import potash.

The phosphates are abundant in our ountry for all possible uses. Florida, Kentucky, Tennessee and Idaho may be mentioned as depositories.

If good roads from the producer to the consumer were general, the benefits 4.4 months; the fresh pork, 0.9 of a

both would be considerable. When a foreign insect invades, ou scientists seek its enemy where it came The natural enemy of the boll from. weevil was an ant that could not endure our winters, but the native ant is getting busy,

Beet Sugar Production

Six hundred thousand short tons of performance in agriculture, the output of storage before the costs beet sugar were made last year in 67 of cereal are added together and com-pared with totals of former years. The of storage, added to the original cost factories. There is an estimated world's total for this year, 4,522,000,000, is 3.4 of the goods and perhaps some profit, shortage of 1,600,000 long tons of sugar this year

The consumer pays a dollar for food; he farmer gets less than 50 cents for

Who gets the rest? All government agencies that conserve public health should be grouped together in one bureau.

Our systems of renting land are faulty and result in soil robbing, where the renter can not provide domestic ani-

mals, the owner should arrange to furnish them, so that rotation of crops may be had, and hay and grains may be fed on the farm.

Irrigation will bring maximum crops while the land is new and full of plant food, but where the crops are sold year by year irrigation will not of itself assure good results.

Alaska will some day provide farmers lower latitudes with grain seeds superior to what they can grow at home. The corn crop is moving northward seed selection.

Uplift the farm home through the education of the farmer's daughter toward greater usefulness and attrac-



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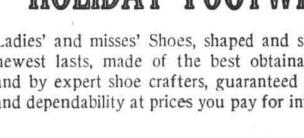
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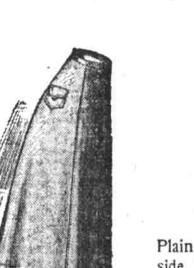
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SKIRT SPECIAL







crop of this country that about three fourths of the world's crop is grown here. But the exports of corn constitute one one third of the world's exports of corn.

That a large crop may be worth less to the producers than a small one is exemplified by the cotton crop of this Commonly supposed to be the year. largest one ever grown, this crop has reached a price that is 5 cents a pound of lint below that of last year, when the erop was much less in quantity, and for the same reason the price of seed has declined. Apparently the value of the fiber and seed of this year's crop will not exceed \$775,000,000-an amount that is below that of two former crops, although above the average of the preceding five years.

There is no crop that this country prothe scale. duces that excites such world-wide interest as cotton, for the reason that the crop of the United States is about ree-fifths of the world's production, contributes two-thirds of the world's exports, and has a fiber of a sort that has no direct competition in other countries.

Hay Below Average Yield,

A low production of 47,000,000 tons of hay is far below the five-year average reached second place in order of value yield of 63,500,000 tons, and was exceeded by the crop of 1884 and every year the total value of all cereals and of all since 1888. Notwithstanding the low production the price has not correspondingly advanced, for the reasons, prob- Wheat is fourth in value and has been ably, that there was good and late fall exceeded in this respect in three years. pasturage and that the farms have a The crops of this year compare with great deal of roughing to take the place the average of the previous five years of hay. The value of hay is placed at more favorably than they do with sina little less than \$700,000,000, and this is gle years when results were highest. In \$50,000,000 more than the estimated the list of crops that had a production value of the cotton produced this year, above the five year average are cotton, and \$100,000,000 more than the value rice, buckwheat, beet sugar and cane of the wheat crop.

Wheat is the crop fourth in order of value and is worth \$600,000,000. The age was overtopped by corn. cotton, who kee estimate of the department places the hay, oats, barley, potatoes, buckwheat, production at 656,000,000 bushels, an rye, flaxseed, hops and beet and cane amount that would have been much ex-ceeded had weather conditions been fa-

vorable This country produced one-fifth of the

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State

So preeminently is corn the leading tons of raw sugar, or 5½ per cent above percentage of the wholesale price must

from 5.273 cents for fresh mutton to Both kinds of sugar combined, the production equals about 975,000 short 8.572 cents for butter, and is 8.898 tons, or about \$5,000 tons more than the cents per dozen for eggs; the costs for record production of 1909. The factory 15 months range from 36.5 per cent of the wholesale price in the case of butvalue of this sugar and the beet pulp, which is used for feeding purposes, is ter to 57.5 per cent in the case of but about \$135,000,000, or about \$41,000,000 fresh mutton.

more than the record value. The year 1911 was a poor one for record breaking crops, since the list includes only cotton and beet sugar. The cost of storage for the average length of time during which these commodities are in cold storage are 7.9 per cent of the wholesale price for Apart from these two crops, not a crop fresh beef; 17.1 per cent for fresh mutreaches a place that is next to the highest production of former years; corn and rice win third place, and buckton; 3.2 per cent for fresh pork; 6.8 per cent for poultry; 10.8 per cent for butter; and 18 per cent for eggs. Ap-proximately, the wholesale prices of the commodities mentioned are inwheat third place since the sixties; the total of all cereals occupies fifth place, and the other crops are farther down creased by cold storage to the extent of the percentages just given

The tale is reversed when the value Cold storage has interposed to change considerably the relative monthly conof the crops is considered. The crops that have won first place make a forsumption to make it more even through midable list in spite of the fact that out the year. It has also changed the they have previous very high values to exceed. The list is corn, barley, rye, relative monthly prices throughout the These two facts have raised the year. buckwheat (since the sixtles), potatoes, price level of the commodities covered (or beet by this investigation, for a reason apart sugar), and cane sugar. No other crop from the costs of storage. In two A Large Per Cent of the Wife Deways, then, cold storage has raised the comparison with other years, but cost of living. The prices that were compiled indicate a tendency toward crops did. The crops that reach third place are hay, cotton and tobacco. uniformity of prices throughout the year, after cold storage became a large business, for butter, eggs, fresh mutton and poultry; but a tendency away from uniformity of price for fresh beef and fresh pork. These conclusions are sub-stantiated by two methods of treating the price compliations. Belief Is Supported. This cold storage investigation supuniformity of price for fresh beef and

The age was overtopped by corn. cotton,

filled out by warehousemen. It may not be generally understood that cold storage warehousemen who do a public business rent space to the owners of

commodities; in private warehouses, such as are owned and used by the meat packers, the commodities stored are owned by the proprietors. Many of the warehousemen made their reports after weeks of laborious efforts, and with very few exceptions their disposition was to make reports and to give publicity to the receipts, month by 183% cents in Boston and New York, month, of quantities of foods received and the storage men dumped on the forinto cold storage and the quantities of eign market the greatest quantity of

deliveries to owners month by month. eggs ever exported from this country in The investigation covers fresh beef, a year. fresh mutton, fresh pork, dressed poulbutter, eggs and fish. Besides obtaining reports from ware- beef, mutton and pork, the poultry, but-

ousemen, experts in the bureau of sta- ter, eggs and fish received into cold istics exhausted the resources of the storage in a year amount to a weight libraries of Washington in collecting of at least 1,000,000,000 pounds and very wholesale rice quotations of these com-modifies in cities throughout the Unit- The ears received into storage in a year ed States. The first quoted price of are approximately 13½ per cent of the each month was taken as far back as farm production; the fresh beef is over

This investigation discovered the sper cent of the commercial slaughter of cattle; muttor, over 4 per cent of that slaughter of sheep and lambs; and men were requested not to include in fresh pork, 11% per cent of that slaughtheir reports commodities whose own-ers intended to keep them in cold stor- the creamery production.

age only a few days and to make no re-port for a warehouse doing only a tem-porary accommodation business. No

Save all the liquid fertilizers on the farm, in cisterns, to be applied where rops are to grow; this will recover the greatest farm waste of our times. There is great promise in the fact that whole classes of graduates of agicultural colleges go back to the farms, having learned how to make them prof-

Itable. Our foresters are learning by experiments how to reforest 30,000 acres in

year; 10 times as much must be planted annually to cover all the bare acres in generation. It will be done, There should be publicity regarding the cold storage of foods, through monthly reports to some federal authority that would give them to the press, to the end that the people might know to what extent foods were being with drawn from consumption.

Why Men **Descrt Wives**

sertions and Divorce Due to Female Weakness.

This is the story of one who knows

rice, buckwheat, beet sugar and cane sugar. In value of crops the five year aver-age was overtopped by corn, cotton, hay, oats, barley, potatoes, buckwheat, rye, flaxseed, hops and beet and cane sugar. **Economic Results of Cold Storage.** Feeling that there should be more knowledge of the cold storage of foods, the secretary caused the first investiga-tion of the economic features of cold storage to be made during this year. Information was obtained on schedules filled out by warehousemen. It may ret be groupuly ufderstood that cold

At a time when there was plenty of eggs in storage, the wholesale price of the divorce court that could settle our eggs in storage, the wholesale price of eggs in storage, the wholesale price of the storage and to 43 cents in Boston in November and December and to 45½ cents There was an apparent mistake of the storage men in overestimating the con-sumption of the public at exorbitant of storage men in overestimating the con-sumption of the public at exorbitant prices, because so large was the unsold quantity at the beginning of the next egg year in the spring of 1911, that the wholesale price of eggs fell in April to is and the storage men dumped on the for-eiggn market the greatest quantity of eggs ever exported from this country in a year. From the returns made by the ware-housemen it is inferable that the fresh beef, mutton and pork, the poultry, but-ter, eggs and fish received into cold storage in a year amount to a weight of at least 1,000,000,000 pounds and very likely to a quarter of a billion more. The eggs received into storage in a year are approximately 13½ per cent of the year for mane production: the fresh beef is over

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