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FARM AND DAIRY

The Acre Profit Competition for 1915 Some Splendid Yields Were Secured by the Young Men of Ontario

are eligible to compete who have taken short courses of four to six weeks conducted by the district re-presentative. The prizes are award-ed on the basis of profit per acre from some one crop selected by the from some one croy selected by the young men themselves. Five dollars, an arce is allowed for the reat of the land; 15 cents an hour for manual and 10 cents an hour for horse labor. The prices given to those who secure the anter size at Ouelph with all ex-penses paid. Sixty-seven young men will be at Guelph on this basis this month, and at the conclusion of the course an examination will be held in nontui, and at the conclusion of the course an examination will be held in stock and seed judging and a gold watch, donated by the Deputy Mini-ster of Agriculture and the Assistant Deputy Minister, will be given to the young man who attains the high-est marks est marks.

est marks. Four young men succeeded int growing over 400 bushels of potatoes to the acre, and it is noticeable that all of these four are located in the northerly counties of the province, where the climate seems more adapt-the in province, Milner where the climate seems more adapt-able to potto growins. Milton H. Goltz, of Bardsville, Muskoka, had a yield of 514. oushels of potatocs on his acre. His soil is a clay loam, following oats, farmed 10 years and fertilized with five loads of manure to the acre. Cavies Warrior was the variety. Valuing the marketable po-taines at 75 cents a bwabel, and the variety. valuing the marketable po-tatoes at 75 cents a bushel, and the unmarketable at 37% cents a bushel, this young farmer had a c st pro-duction for his acre of \$42.0% and a

duction for his acre of \$42.02, and a net profit of \$336.72. Percy Wright, of Westmeath, in Renfrew county, had a yield of 421 bushels and 30 lbs. cost of produc-tion \$42.09 and profit \$369.81. C. Wy Campbell, Powassan, in Parry Sound district, had a yield of 405 bushels, cost of production \$39.30 and net profit \$253.20. Edwin Payton, Dorion Station, Part Artice, Payton, Dorion

profit \$253.30. Edwin Payton, Dorion Station, Port Arthur, had a yield of 402 bushels, cost of production \$49.56 and a net profit of \$245.49. Competitors in Oats James J. Pennett, Perth, Lanark Co., was one of three who grew over 90 bushels of oats to the acre. His yield was 104 bushels 10 lbs., cost of conductors \$17.76. and set profit yreid was 104 bushels 10 lbs., cost of production \$17.76 and net profit \$33,93. Osborne Rosebrugh, St. George, Brant county, had a yield of 92 bushels 28 lbs., cost of production \$16.02 and net profit \$20,11. Roy Ewing, Eiginburgh, Frontenac coun-ty, had a yield of 90 bushels 17 lbs., cost of production \$16.42 and net

cost of profit \$19.78. Mangels

Halton county, represented by Jos. Willmott, Milton, secured prize in mangels with 1,650 bushels to the mangela with 1,000 bushels to the acre, cost of production \$42.33 and net profit \$155.91. Wilfrid Elson, Fraserville, in Durham county, had a yield of 1,352 bushels, cost of proa yield of 1,302 pushets, cost of pro-duction \$31,85 and net profit \$130,39. Wm. Cooper, Mindemoya, Manitoulin, had a yield of 1,278 bushels 40 lbs., cost of production \$31.60 and net profit \$121.84.

Silage Corn

The results in the silage corn com-petition were wonderful, yields being secured that many would not have secured that many would not have thought possible, except in the south-ern states. Four contestants had ern states. Four contestants had yields of over 30 tons to the acre. Archie R. Gregg, Salford, Oxford county, had a yield of 39 tons 1,400 Ibs., cost of production \$18.15 and net profit \$100.96. J. F. Campbell, Milton, Halton county, had a yield

THE results of the Are Profit of 53 tons 1,000 lbs., cost of produc-competitions, we may explain, George Suggirt, Fenelon Falls, Vic-competitions, we may explain, George Suggirt, Fenelon Falls, Vic-are conducted by the Ontario Depart-toria conducted by the Ontario Depart-trict representatives. Young men and net profit, \$81.63. Robert Wat-ree eligible to compete who have son, Woodbridge, York county, had taken short courses of four to six a yield of 32 tons, cost of production weeks conducted by the disreger as yield of 32 tons, cost of production

bushels 19 lbs., cost of production, \$42.70 and net profit, \$75.22. Gerald 542.70 and net pront, \$75.22. Gerald Smith, Ruthven, Essex county, had a yield of 72 bushels, cost of produc-tion, \$18.24 and net profit, \$71.76. Turnips

Turnipa In turnipa Roland Brown, Hymers, Fort William, had a yield of 994 bushels 40 lbs., cost of production. 821.94 and net profit, 87.42 H. A. Parker, Uno Park, Temiskapning, had a yield of 942 bushels, cost of production, \$42.76 and net profit 870.92 \$70.28.

\$70.28. In spring wheat, Silas Farrell Finch, Dundas and West Stormont counties, had a yield of 46 bushels 45 ibs., cost of production, \$15.18 and net profit, \$22.29. In barley C. B. Hazen, Port Rowan.

Norfolk county, had a yield of 51 bushels, cost of production \$17.28 and profit, \$10.77. net

net pront, #JU.77. Beans are a crop limited to certain counties of South-Western Ontario. Clifford Smith, Ridgetown, Kent county, had a yield in beans of 22 bushels 20 lbs., cost of production bushels 20 lbs., cost of production \$21.55 and net profit, \$56.61. Hog Feeding Competition Seventeen volume

Heg Feeding Competition Seventeen young men will take the short courses at Guelph at the ex-pense of the Department of Agricul-ture as winners in the Hog Feeding Competition. The hogs were select-ed when six weeks old, and a value of \$4 each was placed on them at that age. Contestiants were allowed in fand guy und acheer allowed to feed flour and select the best three at the end of the competition. They were fed until 22 weeks of age, and a record kept of the amount of feed used each week.

Sewell, Meaford, Lawson Grev county, had an average cost of pro-duction of \$12.53, average value. value, S24.84 and average profit, \$12.31. J. S. Pollard, Mt. Elgin, Oxford coun-ty, average cost of production, \$13.63, average value, \$24.84 and average profit, \$11.21. Calvin White, Perbroke, Renfrew county, average cost of production, \$9.14, ave.age value, \$19.66 and average profit, \$10.51. Owen Fitzgerald, Harrowsmith, Fron-tenac county, average cost of produc-tion, \$8.06, average value, \$15.69 and average profit, \$9.83.

Coming Events

SIXTH Annual Apiculture Short Course, O.A.C., Guelph, Jan. 11-22.. Ottawa Winter Fair, Ottawa, Jan.

10 00

Ontario Corn Show, Chatham, Feb. to 4.

1 to 4. Canadian Jersey Cattle Club, An-nual Meeting, Feb. 1, Carls-Rite Hotel, Toronto.

Hotel, Toronto. Canadian Ayrshire Breeders' Asso-ciation, Annual Meeting, Feb. 3, Carls-Rite, Hotel, Toronto. Annual Meeting, Holstein-Friesian Association of Canada, Canadian Foresters' Hall, Toronto, Feb. 3.

A Ration without Succulence

WILL you kindly give mo a balanced ration for a cow giving 20 lbs. of milk a day? What feed would you recommend buying along with lucerne clover, timothy hay, oat straw, oat chop and flax seed ground fine?--"Young F.r. mer." Huron Co., Ont.

A cow giving 20 lbs. of milk a day should not be difficult to feed, as this is only a moderate milk yield. 'Young Farmer" has lots of feed on "Young Farmer" has lots of feed on hand to meet all of his requirements without purchasing at all. The greatest lack is succulence, and con-sequently palatability. A few roots if they are on hand, or can be obtained at a reasonable price, would help out immensely. immenselv

We would suggest that the cow be fed mixed lucerne and timothy hay after milking in the morning, as much as she will eat up clean in one hour. For a morning grain ration we would suggest two and one-half pounds of oat chop and a handful of ground flax. A small feeding of hay ground flax. A small become or any might be given again at noon, and the same feeding at night as in the morning. Last thing at night, after the hav and grain have been cleaned the hay and grain have been cleaned up, the manger might be filled with oat straw. The cow will pick over the straw and eat the best portions; what is left may be used for bedding. what is lett may be used for bedding. In order to give more palatability to the ration we would suggest pur-chasing some feed molasses, which can easily be gotten at 18 to 90 cents a gallon, mixing with three or four times its bulk of water and four times its bulk of water and sprinkling over the hay before feed-

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