

Field Plot Tests Of Fertilizer Requirements

Since the completion of the soil survey of Prince Edward Island field plot tests have been conducted, in co-operation with several farmers, to obtain information on the fertilizer requirements of different crops under different soil conditions. The following press release on this subject has been received from the Department of Agriculture, Ottawa.

Field plot tests with potatoes conducted over a period of five years on three major soil types in the Province O'Leary, Charlottetown and Culloden soil series have provided some interesting information.

Ten different fertilizer mixtures applied at three different rates per acre, 1,000, 1,500 and 2,000 lbs. per acre, giving a total of thirty

different fertilizer treatments, were used on each soil type, reports G. B. Whiteside of Charlottetown Experimental Station.

The results over the five year period have shown that all the fertilizer mixtures gave substantial increases in yield on all soils. No single mixture or treatment was found to be superior on any one of all soils, but several of the mixtures were found to appear more frequently than others in the higher yielding bracket.

Average Yield

The average total yield of potatoes over the five year period on each soil were: O'Leary 274.9 bushels, Charlottetown 293.9 bushels and Culloden 253.9 bushels. While these figures show differences of a similar magnitude occurred between the different fertilizer mixtures on each soil.

Increasing the rate of application gave a consistent increase in yield, although the increase in yield at the 2,000 lb. rate over 1,500 lb. was not as great as between the 1,500 and 1,000 pounds per acre rates.

In respect to the relative effect of the major nutrient elements, nitrogen, phosphorus, and potash, in the growing of potatoes, on the three soils concerned, the results indicate that nitrogen is of first importance and that the optimum amount of nitrogen for potatoes on these soils lies between 80 and 120 pounds per acre. The difference in response to phosphorus and potash was not as clear as it was in the case of nitrogen.

Difference Not Marked

While the average yields for the 5 year period suggest a slightly better response to phosphorus on the O'Leary soil and to potash on the Charlottetown and Culloden soils, the difference was not marked, and the trend was not consistent for each year. In general, the mixtures supplying phosphorus and potash in approximately equal amounts, about 160 to 200 pounds of phosphorus and 160 to 180 lbs. of potash per acre, gave slightly better results than where the ratio of phosphorus to potash was wider.

The similarity in response to fertilizer applications on these sorts would seem to indicate that, although differences in soil type can be an important factor in crop production, the differences in response to fertilizer applications under Prince Edward Island conditions may be influenced more by the differences in the inherent plant nutrient content of the different soils.



Australian thoroughbreds can now fly to race meets in what must be a new high in horsey luxury. A transport plane has been fitted up with aluminum boxes upholstered in red leather, as private suites for six fortunate equine passengers.

Could be that the boxes are made from Canadian aluminum, which is shipped all over the free world. This huge export market has helped make possible Canada's king-size aluminum industry, and the growth of more than a thousand independent Canadian manufacturing companies which turn this low-priced, versatile metal to thousands of uses. Aluminum Company of Canada, Ltd. (Alcan).

Exit Tony Blount

CHAPTER XVII

Thurlow eyed him for a moment in silence when he had finished. Then he turned to Strang. "Is that all?" he asked.

"Just about," the trader agreed. "And quite enough, too, really. It's clear and concise — which is more than you'd get with the average white witness!" Thurlow nodded. "Oh, it's concise enough," he said. "But it seems from his account that there were no witnesses of the actual attack!" Strang confirmed. "He told me they were alone at the time. I suppose that's why his nibs tried it on."

"Possibly," Thurlow remarked non-committally. "But it doesn't make it easier to arrive at a decision, does it?"

"Why not?" the trader demanded with a touch of impatience in his voice. "It's a clear enough case. You've heard all you want to hear, haven't you?"

"No, I haven't," Thurlow returned quietly. "I've only heard one side of it so far. Do you propose to call anyone else?"

Strang stared at him doubtfully. "What do you mean?" he asked in a puzzled voice.

"Well, you're acting as prosecutor, aren't you?" Thurlow said. "You've brought the case and called the first witness. Are you letting it rest at that, or do you want to bring any more evidence?"

"Here! What the devil are you playing at?" the other demanded with a vexed laugh. "You aren't trying to run this like a High Court case, are you?"

"I'm trying to administer justice," Thurlow told him calmly. "It's a serious matter, as you said yourself, and the least I can do is to treat it seriously. And I'm asking you, if you want to call any more witnesses?"

The trader eyed him angrily for a moment, but if he was about to make some scathing retort he apparently thought better of it.

"All right, have it your own way," he said, with a shrug. "No, I'm not calling anyone else. You've heard all the facts of the case, and you won't get any more than that if you sit here all night!"

Thurlow nodded.

"I can try," he said, and he turned to the prisoner.

"Losaki," he went on in a voice that all could hear. "This man says you tried to kill him with a knife. Now you will tell me the truth about what happened."

The Samoans were staring at him in evident bewilderment at this turn of events, and the semicircle of islanders had edged forward, step by step and were now listening intently in a profound silence. Even though few could have heard the conversation between the white men, and probably none had understood the meaning of it, they intuitively knew that there was some difference of opinion between them, and Thurlow's appeal to the uncertainty of Losaki was an entirely new feature in the dispensing of justice as they had known it hitherto.

The prisoner himself seemed half dazed at first and peered at his judge fearfully as though suspecting a trap. As he lifted his face, Thurlow saw that the injury to his cheek had been caused by the blow of a stick, for the wound continued downwards in a livid bar, and the upper lip was swollen and split.

Thurlow had to make a second appeal to him before he would speak at all, and then he had little to say at first.

"Him kick I. Him beat I with stick," he muttered.

"What made him do that?" Thurlow asked.

"You've heard all that once," Strang told him sulkily. "The lazy hound won't work and it's the overseer's job to keep him at it."

Thurlow paid him no attention, but repeated the question.

Losaki looked up at him again and then glanced at the big Samoan who was his accuser.

"Him no like I," he said with a faint indication of defiance in his voice. "Him want catchum woman b'long I. She no likum an' him plenty cross 'long I."

Thurlow raised his eyebrows at this, but the trader snorted contemptuously.

"He'll tell you anything if he thinks there's a hope of saving his skin," he exclaimed. "I know that's a lie because Teofora's got a wife already. Isn't that so, Teofora?"

"Yes'm, Marstar," the Samoan returned promptly and virtuously, casting an evil glance at the prisoner. "Dis is Teofora's big fella."

"All right, well let us go for the time," Thurlow remarked, entirely unconvinced. He turned back to the prisoner. "Teofora says you tried to kill him with a knife. Is that true?"

"Yes'm," the man returned sulkily. "Him try to make me tell woman b'long I. Him plenty fine fella, so she like um. Me no like um — me no tell. Him speak loud, him plenty cross 'long I, catch um stick this place," and he touched the wound on his cheek tenderly. "Plenty hurt face b'long I. Me catch um cane knife and for kill um — but him too strong," he finished sorrowfully.

To Be Continued

Some of the old Saxon Kings of England were crowned at Winchester, before Westminster Abbey was built.

CANADA PACKERS



It's Easy To Win

You may win \$100 next Monday night. Simply find all the missing letters in 13 small panels in this advertisement.

The missing letters make up the official name of one of the Canada Packers' products advertised here. The Jumbo Jackpot operator may call you next Monday during Zero Hour. Be sure you're ready with the official name of the product. Read the rules carefully. Someone every week is going to win \$100 — it could be you!

HOW TO PLAY

Every Wednesday, starting May 20th and continuing for 10 weeks, a special advertisement will be published in this newspaper for the Jumbo Jackpot, offering \$100 a week for a total of \$1,000 in cash prizes.

This advertisement includes a series of panels each advertising a particular product. In these panels (small individual ads) letters are left out of words in every-day use — not trick or unusual words.

The problem is: Find all the missing letters and out of them form the correct and official name of one of the products advertised on the Jumbo Jackpot page only. The official names of these individual products are printed at the bottom of the panels advertising them — one of them is the solution to the Jumbo Jackpot and that is the one you must make up from all the missing letters.

You have from Wednesday to Monday inclusive — to find the correct solution.

HOW TO WIN

Zero hour to win the Jumbo Jackpot is from 6:30 to 7:30 every Monday evening, starting May 25th and continuing for 10 weeks. In the event that Monday falls on a holiday, zero hour for that week will be from 6:30-7:30 Tuesday evening. During zero hour, the Jumbo Jackpot operator makes telephone calls to private residence numbers only, selected at random from the city and vicinity directory. All telephone calls are recorded.

IMPORTANT: If you are called by the Jumbo Jackpot operator and answer the telephone with the usual "hello" or any other salutation, you are disqualified from winning the Jumbo Jackpot. The Jumbo Jackpot is awarded to the first person called by the Jumbo Jackpot operator and who answers the telephone by stating the correct solution for the week. The first word or words spoken to the Jumbo Jackpot operator MUST be the official name of the advertised product made up of all the missing letters in the previous Wednesday's Jumbo Jackpot page. So remember — if your phone rings any Monday evening during zero hour it may be the Jumbo Jackpot operator.

Your best bet to win is to answer every call with the winning word or words — nothing more. After you speak, the operator then, and then only, talks to you, and tells you if you won or not. Anyone who answers the telephone can win the Jumbo Jackpot; the winner need not be the person in whose name the telephone is listed. No further telephone calls are made during Zero Hour after a winner of the Jumbo Jackpot is declared.

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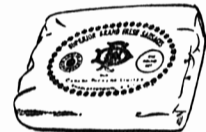


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