

Look For U.S. Concessions Before Missile Bases Deal

By PRESTON GROVER
PARIS (AP) — European diplomats, assessing results of the NATO conference, appear determined to ask the United States for more concessions before opening their countries to American missile and nuclear bomb bases.

Perhaps the major demand will be that the United States drop what Europeans feel is a negative attitude toward Russia and go into a high-level conference to discuss broad agreements.

Increasing doubt seems to be developing that State Secretary Dulles is the man to lead the United States in these talks.

Nor did President Eisenhower's performance here dispel the fears of many diplomats concerning his health. Europeans are not prepared to maintain the pace needed for the period in question.

The beneficial residual effect of the harvest mature in sustaining crop yields.

Manure applied to timothy sod in the fall, at ten tons per acre and plowed down, not only increased production of high fertilized areas.

The residual effect of manure on clover and timothy hay was also rather pronounced, average yield increases, as high as 0.8 tons of clover and 0.30 tons of timothy per acre being registered over unmanured plots.

Increasing the amount of fertilizer applied.

Thirty-seven crops grown on soils of various types show plots receiving 1000 pounds of 5-10-10 per acre giving an average yield of 272 bushels of marketable potatoes per acre at a cost of \$8 cents per bushel for fertilizer.

The addition of 500 pounds of fertilizer, 1500 lb. per acre, costing an extra \$10.00, produced an additional 28 bushels of potatoes at a cost of 48 cents per bushel increase. Plots receiving 2000 pounds of 5-10-10 per acre, at an additional outlay of \$24.00, gave a yield increase of 42 bushels per acre at a cost of 57 cents per bushel.

The addition of 500 pounds of fertilizer, 1500 lb. per acre, at an increased cost of \$10.00 over the original treatment, resulted in a 40 bushel per acre increase at a cost of 60 cents per bushel.

Considering the above data, it is questionable whether it would be advisable to apply more than 1500 pounds of fertilizer per acre, bearing in mind the average value of potatoes fell to the 82 cent per bushel.

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THE APIARY, EXPERIMENTAL FARM, CHARLOTTETOWN

Experimental

(Continued from page 9)

have much promise in the areas where it was tested. The plants wintered only moderately well and showed little vigor or adaptability. The berries are short, firm, large and of a deep but dull red color. Of the four named, this one appears to have the best promise.

Released in many ways is the best of the lot and is a direct challenge to the supremacy of Senator Dunlap as a man of the variety. The berries are of medium size, bright red, attractive color, firm but slightly acid in flavor. Extremely promising for P.E. Island conditions.

A large number of comparatively new varieties of raspberries are now under test or

for the production of early fruit.

Tread — This variety is one of our best general purpose selections. It follows Trent in season, but the fruits are larger and more attractive. A productive and worthwhile variety of our conditions.

Williamette — A very outstanding variety in most respects. The plants are productive and the berries large and attractive. Requires further testing for hardiness.

Comet — An early productive variety of considerable promise for this area. In our tests this season was outstanding. Highly recommended.

Carival — A late variety to follow Comet. The berries are large and attractive. Highly recommended.

Rideau and Madawaska appear to be inferior to the other varieties an are being dropped from our trials.

immediately after the cutting season ended, it gave an excellent and permanent kill of grasses and weeds without serious damage to asparagus roots. The amount used was 8 lb. per acre. Applied to native cranberries at the same rate, just prior to bloom, it gave excellent control of grasses and most broadleaved weeds with only minor injury to the cranberry vines.

Amino Triazole also proved useful for the control of couch grass and other weeds when applied at the 8 lb. rate to garden areas two weeks prior to seeding. Like all weedicides of any make, considerable care must be exercised in the use of this material or adjacent crops may be injured. This material may have considerable value for cleaning up strawberry areas known to be infested with couch grass.

ILLUSTRATION STATIONS — A period of over thirty years as an illustration station operating in this province, involving over 1,100 plots, were under study on six illustration stations in Prince Edward Island and two in the Magdalen Islands during the year. These stations are so located that research work may be conducted on all major soil types found in the province.

Illustration Stations are located on privately owned farms operated by T. Albert Hickin, Alliston; Hugh J. MacDonald, Montserrat; William E. Johnston, Long River; Robert Woodside and Son, Knutsford; John W. MacKenzie and Son, Knutsford; John W. MacKenzie and Son, Rose Valley; and Zenon Gallant, Urbanville.

In the Magdalen Islands, stations are operated by Edward Bouffard, Boissville, Grindstone Island, and Albert Lapierre, Port

Amherst Island.

In co-operation with the Provincial Department of Agriculture and the Science Service, Canada Department of Agriculture, Field Day Meetings were held at the Alliston, New London, Rose Valley and Urbanville stations during the year.

In recognition of Co-operation and Service, as operators of Illustration Stations, an "Award of Merit" was presented to Mr. John W. MacKenzie, Rose Valley, and to Mr. William E. Johnston, New London, on behalf of the Experimental Farms Service.

Mr. MacKenzie has been associated with experimental work since 1923, when one of the first illustration stations was established on Prince Edward Island.

Mr. Johnston has rendered distinct service to agriculture for a period of over thirty years as an illustration station operator in this province. Each operator has been vitally interested in agricultural research and has been instrumental in having projects established that would lend themselves toward the solution of many farm problems.

In co-operation with the Forestry Division, Provincial Department of Agriculture, wood lot management studies featuring selective cutting, were undertaken at the Alliston, New London, Rose Valley and Urbanville stations during the year. Provincial foresters assisted in the spot

planting of red pine trees in a woodlot compartment where severe damage to soft woods followed over land at the Urbanville station.

In co-operation with the Field Husbandry Division, Experiment



HEREFORD steers being housed in Pole barn at Upton Farm.

bushel level or below, five out of the nine years during which this study was in progress.

Manure and Fertilizer for Potatoes

Soil fertility studies, associated with potato production on illustration stations over a nine-year period, indicate the value of barrowed manure in sustaining crop yields.

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AVYSHIRE heifers which were donated as calves, using being installed at Charlottetown, including the following: Early Red, Sidan, September, Tread, Trent, Williamette, Comet, Carival, Rideau, and Madawaska.

Early Red — A new introduction from the Michigan Experiment Station. It has definite earliness and, in this respect, is outstanding. The berries, however, are rather small and crumbly. Requires further testing.

Sidan — This variety was discovered by Sylvan Lake, Saskatchewan. It is said to be extremely hardy and drought resistant, but performed badly this season. Requires further testing.

September — an ever-bearing producing a crop in the regular season and again in the fall. This berry is firm and attractive and the variety has considerable promise.

Tread — A remarkable berry in many ways. The plants are hardy and productive. The crop ripens very early, but the plants bear so heavily, most seasons, that the fruit is rather small. Valuable for the home garden

electric deborers.

NEW VEGETABLE VARIETIES — Growers concerned with early vegetable production will be interested in a new cabbage called Bergkaps. This variety originated in Denmark and, in repeated trials, has shown outstanding earliness and quality. It is very useful for early forcing. Seed of trials will be available locally for the 1958 season.

A new corn, Morning Star, also proved outstanding for earliness in our trials, maturing almost a full week in advance of other early varieties. This is a good appearing crop of fair quality.

AS in 1956 the tomato variety Firstball produced an excellent crop of early fruit and is now recommended to replace Early Chatham.

The names of the outstanding vegetables are available on request. A NEW SELECTIVE WEED-KILLER FOR VEGETABLES AND FRUITS — Extensive trials this year with a new weedicide, Amino Triazole, showed this material to be useful in some vegetable and fruit crops for the control of grasses and weeds. Applied on asparagus



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WATSON & LITTLE

As the clock strikes twelve and the New Year arrives, we'd like to wish you, our friends and patrons, the very best the future offers. We're grateful for your loyalty and will continue to serve you in the best manner possible during the coming year. From all of us — a Happy New Year!

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