## Use 2,4-D Carefully Warns County Agent

By: M. M. Smith, County Agricultural Agent

Chemical Weed control is very popular throughout the country and may be used as a supplement to clean cultivation with good results.

ground prior to planting;

from this type of chemical

damaged by any form of 2,-

4-D; however, weedy fields

two weeks prior to planting,

to be especially careful in

the use of all 2,4-D chemic-

hold the sprayer owner res-

the plants are set out.

ponsible.

advertisements.

However, spray operators dangerous fumes in very hot, should keep in mind that humid weather. This is anchemicals will also kill other other risky chemical to use crops in the area through around or near susceptible dritt of both the spray and crops. the resulting fumes.

In the case of 2,4-D, one of the most common chemic- ing the growing season and al weed killers, there are is the one recommended for three forms of the material corn fields and for tobacco county-wide roundup that will kill weeds as well as many needed crops and vegetation. Spray operators should become well acquainted with these three materials and use them very care-

The most potent form of 2,4-D is the ESTER form; this material will release fumes for several days fol- may be sprayed 10 days to lowing the spray application; these fumes are also very dangerous and will kill susceptible plants as much as a mile away; on a calm day these fumes will collect and move slowly over an area killing many crops and plants as they move; crops such as legumes, tobacco, shade trees, roses, grapes, tomatoes, and others are quickly affected. The Ester form of 24D SHOULD NOT BE USED AFTER MAY 1st; too much risk is envolved by using it during the growing

The low volatile ester form of 24-D is less dangerous than the regular ester form but still will release some



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## Grooming Club Calves

By: Victor Plastow Associate County Agent

A club member will not only learn a lot from having his animal in a show but will have a lot of fun as well. The local club roundup is the first place to show club animals. There is no better way than at the roundup to show other club members, parents, and people in the neighborhood what a good job has The Amine form of 2,4-D been done in caring for and is the safest one to use durtraining the animal.

Each county may have a which the best animals of very few fumes are released each breed are selected to compete in a district show. but caution should be used Being selected to take an in not spraying too close to animal to the district 'show the above mentioned crops gives the member an opporor plants. In the case of to- tunity to put his animal in bacco the plants are easily competition against the best animals in surrounding counties. Remember there are three parts to our dairy shows: (1) judging the aniand then cultivated before mal on type, (2) judging the fitting you have done on Spray operators are urged your animal, and (3) judging showmanship contest.

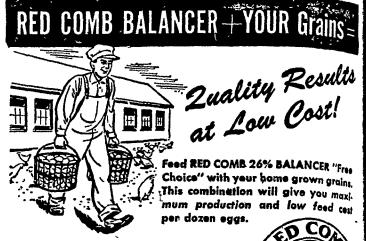
In addition to the club als; many home owners in roundup, the county-wide near-by sub-urban areas may show, and the district show, the club member may have the opportunity to take his animal to the Pennsylvania Advertisers will be glad Junior Dairy Show and also to have you mention Lancas- the Pennsylvania Farm Show ter Farming when answering At this latter show, the club member may enter his ani-

open competition as well. This gives the club member, thicken the hide. an opportunity to show his an opportunity to start animal before many people portant phase of the fitting and to see some of the finest program. A good fitting and dariy animals compete in the show ring.

brought into the barns at ents per ton. Use enough of

least to weeks before the show and kept there most of the time, allowing them to go outside for exercise only Keep them out of the hot mal in the 4-H class and in sunshive and dew, since they tend to harden the skin and

Feeding is the most im. growing ration contains a bout 16% protein and 1600 The animals should be pounds of digestible nutri



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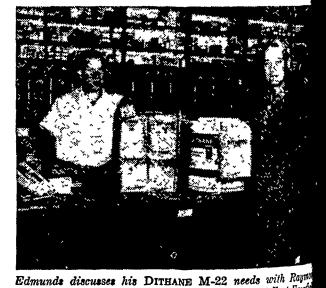
In attending to his many civic and business affairs, Edmunds finds that a neat and efficient office is a necessity.



Rohm & Haas field representative Bill Hughson joins Edmin in a look at one of the water hazards on the new golf cour



Edmunds checks proper dosage of DITHANE M-22 as McQuade fills sprayer. Both like the easy mixing of this 80% maneb fungicide.



Howard. Manager of the John Watson Co. store at Fort Fairfi

## Maine's E. Perrin Edmund certified seed potato crop



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Judy, 5, and "Mike", 8, join their father on the front sleps of the family home in Fort Fairfield. Pet Siamese cat, "Sim", related while German Shepherd, "Ears", shows how he got his same