

## QUESTIONS AND ANSWERS

## BLACK COLLIE DOGS.

Will you kindly let me know what breed the black collie dog is, also who W. R.

Ans .- The prevailing colors in Scotch collies are black, with tan and white markings, and sable with white markings. There is also the bearded, or Highland collie, and the blue merled. To the English sheep dog, the word collie is not applied. We do not know of a distinct black breed of collies, and hence

PENNY CRESS AND BLADDER CAMPION. ,

You will find enclosed two kinds of weeds which we would like to know what they are, and if very harmful.

Ans .- Both are bad weeds. The one with the oval, flat seed pods is penny cress (Thlaspi arvense), called also bastard cress, French weed, wild garlic, and stink weed, a winter annual. It was introduced from Europe, and is very abundant in Manitoba and some parts of Ontario. It is spreading rapidly, as each plant produces enormous quantities of seed. Hoed crops and thorough cultivation are recommended for its eradication. If grain fields are overrun with the pest, a fallowing process, begun right after harvest, with roots or corn next season, is advised.

The other plant is bladder campion (Silene inflata), or cow bell, from the shape of the flower, a bad perennial, spreading fast in Ontario. It spreads by rootstalks and from seed. Methods adapted for the creeping perennials, such as Canada thistle, are advised for

I had 36 rods of hedge put in about eight years ago. It is some kind of a thorn. It is attacked by some kind of an insect, which is killing some of it every year. It attacks it about harvest time. The nearest that I can describe it is that it is like mildew-very white. It is on the limbs and stalk, and saps the wood and kills it. Is there anything I can do to prevent it getting on, or destroying it after it is on? It is spoil-A SUBSCRIBER.

Ans .-- I regret that Subscriber did not send specimens of the insects which have been injuring his hedge. If there are no insects on his hedge now, he could, of course, have saved some from last year. He does not even say the name of the hedge plant that he has. From his description, however, it is probable that the insect is a woolly aphis, and, as these are sucking insects, kerosene emul-

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with tar a few times during summer. When the disease appears, or is suspected, filling the nostrils with tobacco juice, or with spirits of turpentine, and holding the head well up for half a minute has proved successful, causing the sheep to sneeze violently, thus dislodging the grub

2. We do not think a cow is more likely to have a second attack of milk fever, so called, than a first. Do not milk her out clean for four days after calving, and have a bicycle pump or a syringe and teat-tube ready to fill her udder full of air if any signs of the disease appear. This treatment is magical. Give no. medicine, nothing but common air pumped into all the teats is the sure cure.

## GOSSIP.

At the joint sale of Shorthorn cattle. at Winchfield, England, on July 2nd, from the herds of Lord Calthorpe and the Earl of Northbrook, 61 head sold for an average of \$320. The bull calf. Broadhooks Chief, brought \$1,050, and the cow, Broadhooks Belle 7th, \$1,705, the latter for South America.

PLEASANT VALLEY SHORTHORNS. One of the very best herds of Scotch Shorthorns in Canada is the Pleasant Valley herd, the property of Messrs. Geo. Amos & Son, Moffatt, Ont., a few miles south of Guelph. Founded on straight Scotch blood, every addition made to the herd has been a high-class animal, and perhaps no herd in this country has gained prominence so quickly as this. At present, there are 45 head in the herd all told, representing the Mysie, Fragrance, Orange Blossom, Augusta, Kilblean Beauty, Jilt, Mina, Victoria, Cecelia, Rosebud, Nonpareil, Buckingham and Flora strains, carrying the blood of such noted stock and show bulls as Prince Victor, Scottish Fancy, Vice Chancellor, Star of Morning, Knight of Strathbogie, Sergeant at Arms, Princely Archer, Morning Pride, British Prince, Scottish Prince, Greengill Victor (imp.), Scottish Knight (imp.), and Ben Lomand (imp.). The latter is now at the head of the herd. Individually, few better bulls have been imported into Canada. Strictly up-to-date in type, a grand doer, and an extra handler. He did a wealth of good for Mr. Wm. Smith, and in such a gilt-edged herd as he now heads, his get will surely be of high-class character. Sired by Count St. Clair, dam Beauty 13th, by Lord Marshal, a son of the great Field Marshal, he carries the blood of such notables as Wm. of Orange, Bapton Conqueror, Gravesend, and Star of Underly, and belongs to that excellent Scotch tribe, the Cruickshank Bessies. His Lieutenant in service is Bud's Emblem, a Campbell Rosebud, by the Toronto grand champion, Old Lan-caster, dam Betsy Baker, by Golden

