emiddle of June to the 1st of July, according the scason, as it is late or early, and remains me weeks; it deposits its eggs in the ears of eat as they emerge from the sheath-that is. tsit is shooting out-calm moist weather ing favourable to them; they mostly deposit meggs in the evening and during the night; jindy weather in a great measure prevents From a knowledge of their his and the time of their appearance, we e been led to sow spring wheat late, so that flies may have passed away before it heads ; for this purpose the Fife wheat answers imbly, as it is not subject to rust even when avery late. The last season our wheat has nattacked by two other enemies—the Army m, and what may be called, an army of ides. The army worm made its appearance about the first of August, and remained ta fortnight, destroying the wheat and rcrops; it was worse in spots of lodged and n wheat, and very partial, in some fields gserious damage, and in others but a short nee off, doing attle or no damage at all—in not one to be seen. They caused great at the time, but did not do near the damage was anticipated. The worm was from an to an inch and a half long, striped with 't rellow stripes along the body, with eight of legs, and had altogether a formidable crance; it could travel easily from one to another, taking the grass clean off on its . We secured some specimens in a glass, they soon passed into the pupae; in this they remained fifteen days, when they ged into an ordinary looking moth of a tura gellow or drab colour, inclined to russet. a small white dot near the centre of its wings, and a dusky oblique stripe at their a full scientific description of it may be in most of the agricultural journals of t year from the pen of Asa Fitch, New

other destroyer of our wheat alluded to ule a different look; it appeared about e time as the army worm, at least we tobserve it until examining our wheat for orm; it was an aphis, or plant louse, and e cases hiled the ears of wheat and oats; small, of a dull red colour, with two long lored attenæ, which it had the power of along its back, giving it the appearance k line along each side, with these it kept feeling forward; close behind the were two dark spots or eyes; it had its of legs, the hind pair much longer others; it had dark protruberances on parts, and a short tail-like appearance the body was smallest before, and y became larger till past the last pair of hen it tapered off rapidly; they were tive, and could run from one part of of grain to another. Our magnifier was - to enable us to say what its mouth i was, but we judged it was adapted for sucking, and not for cutting or tearing; they were always in clusters, and appear to multiply rapidly. On putting some in a glass they became, in a few days, a small clear-winged fly. We are inclined to think they did considerable damage to spring wheat.

The grasshopper has occasionally attacked our crops; the greatest damage done by them was in 1858, when they seriously injured late spring wheat, oats, root crops, clover seed, and pastures. In 1859 they were numerous, but the damage done was not so extensive, as they were that year destroyed in great numbers by a parasite. From their great importance we have dwelt thus-particularly on the wheat crop and their enemies; we will now pass over our other

crops more rapidly.

Barley.—This crop is not grown extensively in the township. It appears from the last census that only 300 acres were in this crop; its cultivation has fallen off, and spring wheat taken its place; on the heavy clay land the two-rowed variety is mostly sown, and the six-rowed on the lighter soils; it is mostly sown on wheat stubble; often one or two ploughings. The best crops are raised when sown after a root crop. It is a favourable crop to seed down with. It is sometimes attacked by the wheat-fly or one very similar. The first prize for Barley has come twice, and the second twice to this township, at the Provincial Show.

Oats.—This crop is only grown in sufficient quantities for home use, little or none for ex-They are mostly sown on wheat or barley stubble, but sometimes on green-sod and clover lea; they are, on the whole, a pretty certain crop, not much subject to blight or the ravages of insects, though they were attacked by the grasshopper, (as stated above) some years ago, and to some extent by the Army Worm and aphis last year. The white varieties are mostly grown, though the black ones are to some extent; the Potato, Hopetown, Berlin, and other heavy kinds have been tried, and though. they yield very superior samples, yet we believe they are found not more profitable than. the common kinds. At the Provincial Shows, the first prize twice, and the second prize three times, have been awarded to this township.

Peas.—This is an important crop, not only for feeding purposes, and for export, but also as a preparatory crop for wheat. They are sown after all kinds of crops; but mostly on land that has been in hay or pasture the previous year. Generally the land for peas is ploughed in the spring; they are often the first crop sown. They are sometimes damaged by mildew, never much by insects, though some years they are a little buggy. Of this crop there are many varieties, the Whit's Creeper being most common. Some of the early varieties are sown by some farmers for the United States market. The large Marrowfat peas were grown largely at