Fodder: Soy Beans cannot compete with Red Clover as a hay maker in the regular farm rotation but can be used in case some spring crop fails. The hay is of high nutritive value if the crop is cut at the proper stage. This is when the pods begin to develop. If they are advanced, the hay will be woody and unpalatable and the leaves, which constitute the most nutritious part, will be shattered. From one and a half to two bushels of seed to the acre are required when intended for hay.

Seed growing: If handled right, Soy Beans give a profitable return when grown for seed. As the pods break up when fully ripe, late cutting causes loss, especially with the Medium Green variety which shatters the seed badly. The plants should be cut for seed when the pods begin to turn yellow. One bushel of seed should be sown to the acre.

Quality of seed: In some varieties the seeds are like peas in shape and size, in others they are twice as large, and in still others they are like small beans. The colour may be yellow, white, green, brown or black. The seed is rich in protein and oil, and can be used in the same way as other concentrated protein and oil feeds.

RAPE (*Brassica Napus* L.)

Botanical description: Rape, especially when young, looks like varieties of Swedish turnips. Its root, however, is not fleshy but is more like the root of a cabbage, penetrating the soil to a considerable depth. The leaves are numerous, large and spreading, bluish green, sweet, succulent and tender. The flower are in a large open inflorescence, bright yellow and about half an inch wide when fully developed. They are fertilized by insects.

Geographical distribution: Wild Rape is indigenous to northern Europe, where it occurs especially along seashores. It is grown practically all over Europe, in northern Asia, the United States and eastern Canada.

Cultural conditions: Rape requires a good rich soil, well cultivated and with sufficient moisture. Best results are obtained on clay loams which contain large amounts of organic matter. On light sandy soil or stiff clay the returns are generally small. It likes