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DESCRIPTION CN202232191

A fruit picker is a special tool for picking fruits. The tool consists of a blade-adjustable angled ferrule, a retractable picker lever, a harvesting net, a net, a locking handle, a fixed handle, a bottom pocket and a snap-on bottom pocket fastener. When picking the fruit on the tree, the operator first puts the fruit to be picked in the ferrule, uses the blade on the ferrule, pushes or pulls the fruit stalk, and the fruit falls into the fruit harvesting net and along the sleeve. The net rolled into the net. The bottom pocket is snapped open and the fruit is removed to complete the picking process of one or a bunch of fruits.

Fruit picker

Technical field:

The tool for picking fruit is a special tool for picking up tree fruits that are in a higher position or are not easily picked by hand.

Background technique:

At present, when picking fruit with high position in the orchard, it is often taken by erecting a ladder or climbing to a tree, which is unsafe and inefficient. In some cases, it is inconvenient to erect a ladder.

In some urban suburban orchards, in order to attract tourists, orchards often carry out self-picking activities for tourists. Fruit trees with large diameters are not only difficult to be picked by hand but also easily scratched by

branches. Women, children or the elderly use ladders to increase the danger. Sex.

Summary of the invention:

In order to overcome the need to set up a ladder or climb to the tree when picking fruit with high picking position, it is unsafe and low efficiency. For fruit trees with large diameter or thorns, it is not only difficult to pick directly by hand. The utility model is easy to be scratched by the branches, and the utility model provides a safe and convenient tree fruit picking device. The use of this special tool for picking fruit increases the efficiency of harvesting and ensures safety.

The beneficial effects of the utility model are:

1.

Simple construction

The picker has a simple structure, is easy to operate, has a small number of parts, and is simple in shape and easy to manufacture.

2.

Good security

The picker can be operated on the ground to ensure the safety of the picker's work.

The picker itself does not cause harm to people.

3.

Low cost

The picker is made of ordinary metal materials or plastics. The manufacturing materials have no special requirements. The sources are wide, and the molds can be produced in large quantities. The manufacturing cost is low and the price is low, which is conducive to general promotion.

4、

No pollution

The material used in the picker does not have any pollution problems. The damaged parts can be replaced in use, and the replaced parts can be recycled and reused without causing environmental pollution.

5、

Easy to operate, high picking efficiency,

When picking the fruit, the picker picks up the fruit to be picked into the ferrule by holding the picker, and uses the blade set on the ferrule to cut the pedicle by pushing or pulling, and the fruit naturally falls into the fruit harvesting net, and Roll down the net along the net, open the bottom net buckle and take out the fruit to complete a pick.

6、

Suitable for picking all kinds of tree fruit

Changing the diameter of the ferrule, the length and strength of the picker bar, and the depth of the harvesting net can be applied to the picking of fruits of different shapes, weights and positions.

For the fruit that needs to be handled lightly, it is not good to use the fruit picked up by the net to roll down the net. The fruit harvesting net can be made to fit the diameter and depth of the picked fruit. .

In this way, after the fruit falls into the fruit harvesting net, it can be gently placed on the ground and the fruit can be taken out.

DRAWINGS

The present invention will be further described below in conjunction with the accompanying drawings and embodiments.

Figure 1 is a front elevational view of the utility model

Figure 2 is a side elevational view of the utility model

In the figure: 1, picker ferrule, 2, blade clamp, 3, blade, 4, ferrule locking bolt, 5, ferrule lock nut, 6, fixed rod, 7, telescopic rod locking handle, 8, Telescopic rod, 9, telescopic rod fixed handle, 10, receiving fruit net, 11, net, 12, net hook, 13, bottom pocket buckle, 14, bottom pocket

Detailed ways:

Loosen the ferrule lock nut (5) and move the ferrule (1) to form the ferrule (1) with the picker rod composed of the fixed rod (6) and the telescopic rod (8) to form the required angle. Tighten the ferrule lock nut (5) to make it easier to pick.

Loosen the telescopic rod locking handle (7), pull out or push the telescopic rod (8) from the fixing rod (6), adjust to the appropriate length, and then tighten the telescopic rod locking handle (7).

In this way, the total length of the picker rod can be changed to facilitate the picking of fruits of different heights.

[0024] The large mesh (11) made of nylon thread has the characteristics of large elasticity, which can ensure that the picked fruit falls smoothly along the net (11) into the net (14).