



# FRUITS

## GROWING BAGS

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**AGROW**®  
*Agricultural and Growing Supplies*

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# WHY

## BAGGING YOUR FRUITS?

- *Saving costs of cultivation*
- *Improving the colors of fruits*
- *Increasing sugar preserved in fruits*
- *Regulating fruits mature periods*
- *Non-spray organic growing*
- *Protection from sunburn, wind and rain*
- *Alternative management of pest, bird and animals*





Horticulture and Gardening

# FRUITS GROWING BAGS

## INDUSTRY REPORTS

### ■ ACCORDING TO UNIVERSITY OF KENTUCKY (UK) COLLEGE OF AGRICULTURE

Bagging prevents insect pests, especially fruit flies, from finding and damaging the fruits. The bag provides physical protection from mechanical injuries (scars and scratches) and prevents female flies' laying activities, latex burns, and fungal spots on the fruits. Although laborious, it is cheaper, safer, easier to do, and gives you a more reliable estimate of your projected harvest. In Table 1, it shows results from UK studies of bagged apple.

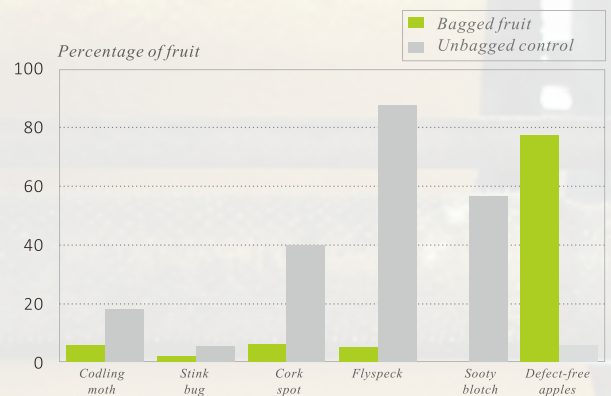


Table 1. Summary of 1995-1998 Apple Bagging Studies

### ■ ACCORDING TO THE RESEARCH BY COLLEGE OF TROPICAL AGRICULTURE AND HUMAN RESOURCE

Bagging fruits results quality, yield, and dollar returns far outweigh the costs, time and efforts of bagging, in turn leading to higher pack-out rates than unbagged. The higher sales at historical market prices more than compensate grower for the addition costs of bagging, such that grower returns are 2.5 to over 3 times greater than with unbagged fruit. Table 2 show how 's bagging lychee benefit as example and reference.

NET PROFIT OF BAGGED LYCHEE*								
Price per Pound	\$2.50	\$3.00	\$3.50	\$4.00	\$4.50	\$5.00	\$5.50	\$6.00
Profit per Tree	\$173.15	\$235.95	\$298.76	\$361.56	\$424.37	\$487.17	\$549.98	\$612.78
Profit per Acre	\$8,484	\$11,562	\$14,639	\$17,717	\$20,794	\$23,871	\$26,949	\$30,026
NET PROFIT OF UNBAGGED LYCHEE								
Price per Pound	\$2.50	\$3.00	\$3.50	\$4.00	\$4.50	\$5.00	\$5.50	\$6.00
Profit per Tree	\$69.84	\$88.44	\$107.03	\$125.63	\$144.23	\$162.83	\$181.43	\$200.02
Profit per Acre	\$3,422	\$4,333	\$5,245	\$6,156	\$7,067	\$7,979	\$8,890	\$9,801

\* Net profit reflects gross minus the cost of supplies and labor

Table 2. Comparative returns from bagged and unbagged lychees



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## WHAT AGROW?



*A name born to serve agriculture and growing industries  
and a name registered for its expertises in steels, plastics and eco-friendly new materials*

- 20 years of experience in agriculture and the materials supplies;
- Mill-direct supplies and 7x24 professional customer service;
- State-of-art facilities and equipment;
- Skilled workers and large capacities;
- Engineering supports for customized developments;
- Partnering with world-class industry leaders;
- Wide selection of materials for one-stop supplies...





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## WHAT WE SUPPLY?

With hundreds of years' research & developments throughout the world farming industries, Currently there are over 3000 types of bags manufactured differences in size, the amount of light transmission ,color of paper, wax coating and chemicals impregnated in the paper.

The bags all have a small wire imbedded at the top in order to facilitate the wrapping process.

### Wide Range of Patterns:( Customized Designs are available)

Papers available: White paper, Kraft paper, Specialty paper

Patterns available: Stereoscopic , Envelope , Side window, Bottom window, etc.

Layer: Single, Double or More

Sizes: General as below chart or customized

Color: White,Black,Brown,Silver etc...

Breathing & Draining: Slits at bottom or Open bottom

We work with growers, wholesalers for the best bag to meet the certain fruit.



### Wide Range of Sizes:( Customized Sizes are available)

FRUITS	STANDARD SIZES (CM)	GENERAL DESCRIPTIONS
APPLE	15*18	Double Layer Brown Outer and Black/Red Liner
PEAR	16*19.8,17*21	Double Layer Brown Outer and Black Liner or Single Layer Brown
GRAPE	20*28,22*30,25,33,30*38	Single Layer Waterproof White with Wire
MANGO	15*20,20*30,23*33,28*37 26.5*19.5,32*21.5	Single Layer Waterproof White Double Layer Brown /Kraft Outer and Black Liner
BANANA	84.5*63,124*72	Single Layer Waterproof Brown/Kraft
GRAPE STARFRUIT, GUAVA	28*20	Single Layer Waterproof White
BANANA,JACKFRUIT	84.5*63	Single Layer Brown/Kraft
LOQUAT,SHARKYA,AVOCADO	31*23.5	Single Layer Brown/Kraft
PEACH,KIWI	19.5*15	Single Layer Brown/Kraft
GRAPEFRUIT,PITAYA	35.8*30.5	Single Layer Waterproof Brown/Kraft
AVOCADO,STARFRUIT	29.5*18.5	Single Layer Waterproof White with or without Wire



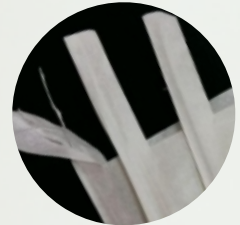
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# FRUITS GROWING BAGS

## FEATURES:

- Breathable, Drainable and Permeable**  
 Bags are made of breathable paper to keep fresh inside; also it is permeable for air and sunlight; There are slits in the bottom so that any rain water can drain out, some bags have or can be made with an open bottom.
- Anti-bacteria and Eco-friendly**  
 Bags can be made of biodegradable paper by which it won't cost labors in recycling
- Weathering Resistant**  
 Water-proof  
 UV Resistant
- Easy-Tying up**  
 The bags all have a small wire imbedded at the top in order to facilitate the wrapping process.  
 The wires are zinc-plated for rust-free.
- Shrink and Tear Resistant**  
 See below our sample testing report on resistance and other reports available upon request

COLOR	SIZE	GRAM WEIGHT	TENSILE STRENGTH	WATER ABSORPTION
WHITE	22/25X33cm	35g/m <sup>2</sup>	Min 2.7(KN/m)	Max 13(g/m <sup>2</sup> )
KRAFT	28/29x33cm 30x38cm	48g/m <sup>2</sup>	Min 3.0(KN/m)	Max 13(g/m <sup>2</sup> )
KRAFT+BLACK		48g/m <sup>2</sup>	Min 3.0(KN/m)	Max 13(g/m <sup>2</sup> )



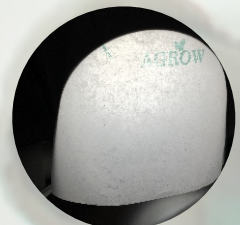
EASY TYING UP



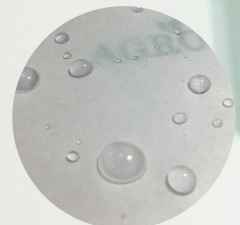
BREATHABLE



DRAINABLE



PERMEABLE



WATER RESISTANCE



BIODEGRADABLE

