

HAWAI'I COOPERATIVE EXTENSION SERVICE

Hawai'i Institute of Tropical Agriculture and Human Resources

University of Hawai'i at Mānoa

COMMODITY FACT SHEET AVO-3(D)

FRUIT



'GREENGOLD' — A LATE SEASON AVOCADO

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Figure 1. 'Greengold' fruit.



Figure 2. 'Greengold' plant.

'Greengold' is a high-quality, heavy-bearing, late-season avocado (*Persea americana* L.) developed by the Department of Horticulture, University of Hawai'i at Mānoa. It meets the need for a quality, high-yielding cultivar suitable for local and export markets.

Origin

'Greengold' is an open-pollinated seedling of 'Sharweil' grown at Haleakalā Experimental Farm. It was first designated as HAL R27T8 in 1976. It was also tested at other CTAHR experimental farms in the state.

Description

Young grafted trees of 'Greengold' avocado are vigorous and upright growing, but become more spreading after they begin fruiting. Trees are compact with light green leaves when young, turning darker green at maturity. Fruits mature from January through April. Flower behavior is "A" type.

'Greengold' is very heavy yielding. Average annual

yields of 528 pounds (239.5 kilograms) per tree were recorded during the five-year period from 1986 to 1990 from an 18- to 22-year-old tree growing at Poamoho Experimental Farm. The seed size is small and averages about 17 percent of the total fruit weight.

Fruit shape is pyriform with a thick, green, pebbly skin. Fruit size ranges from 10.6 to 17.6 ounces (300 to 500 grams) with a small seed and relatively thick flesh making up from 75 to 85 percent of the total weight of the fruit. The fruit tolerate methyl bromide fumigation without damage to quality or appearance. Damage from fruit rot and anthracnose is less than that of 'Sharwil'. Yield is higher than 'Sharwil'.

Flesh color is yellow, shading to green toward the skin. 'Greengold' has a distinct nutty flavor and the oil content is greater than 20 percent. Texture of the flesh is smooth and fiberless.

Availability

Plants are available at various local nurseries.