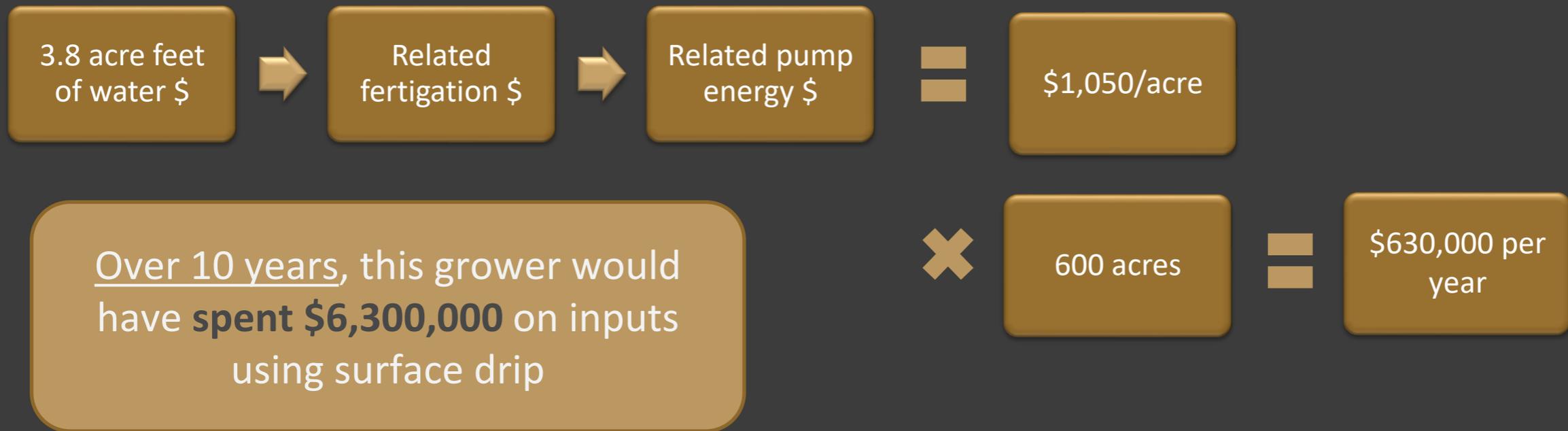
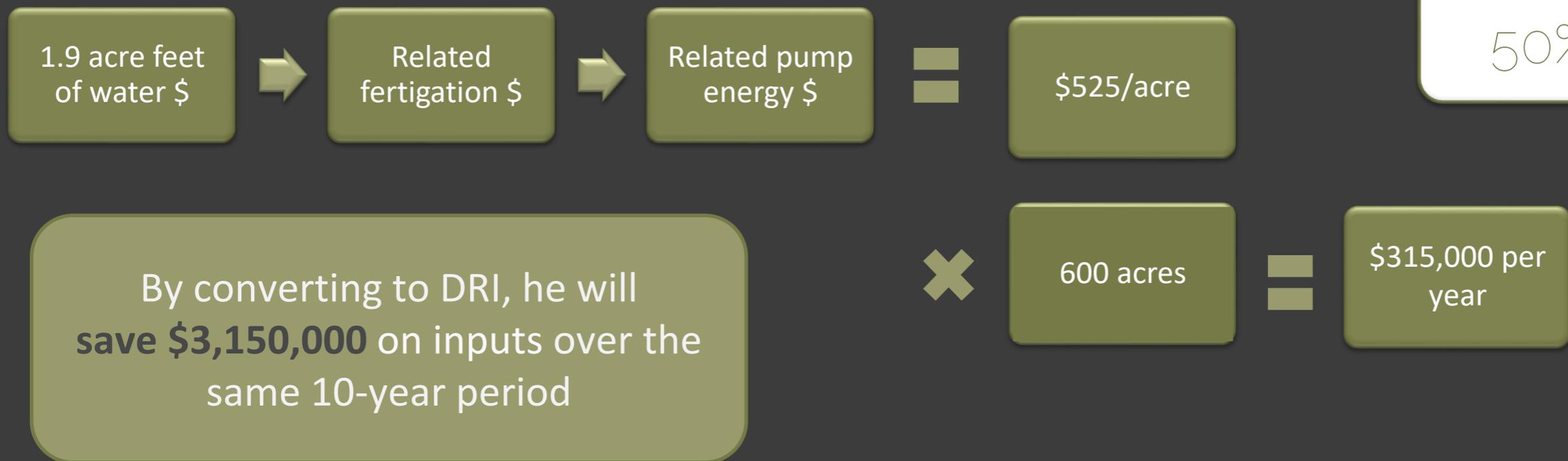


Return on Investment based on actual grower data

STANDARD SURFACE DRIP



DEEP ROOT IRRIGATION (DRI)



Return on Investment – the bottom line

Trial site: 600-acre table grape vineyard in southern San Joaquin Valley, CA

STANDARD SURFACE DRIP

10-year projection of costs for water, fertilizer and energy based on conservative Kern County rates provided by grower = **\$6,300,000**

DEEP ROOT IRRIGATION (DRI)

10-year projection of costs for water, fertilize and energy based on a measured reduction of 50% in those same inputs on DRI = **\$3,150,000**

Actual photo of DRI trial site



DRI vines were most productive acreage in vineyard. Size-brix-bin count. All while **REDUCING** water/energy/fertilizer by 50%

Initial investment to convert to DRI

$\$2.80/\text{unit}^* \times 500 \text{ vines per acre} \times 600 \text{ acres} = \mathbf{\$840,000}$

*includes estimated cost of installation. Grower re-used supply line and emitters from existing system

Time to recover initial investment

32 months

Net savings over 10 years on basic inputs

\$2,310,000

by converting to DRI

