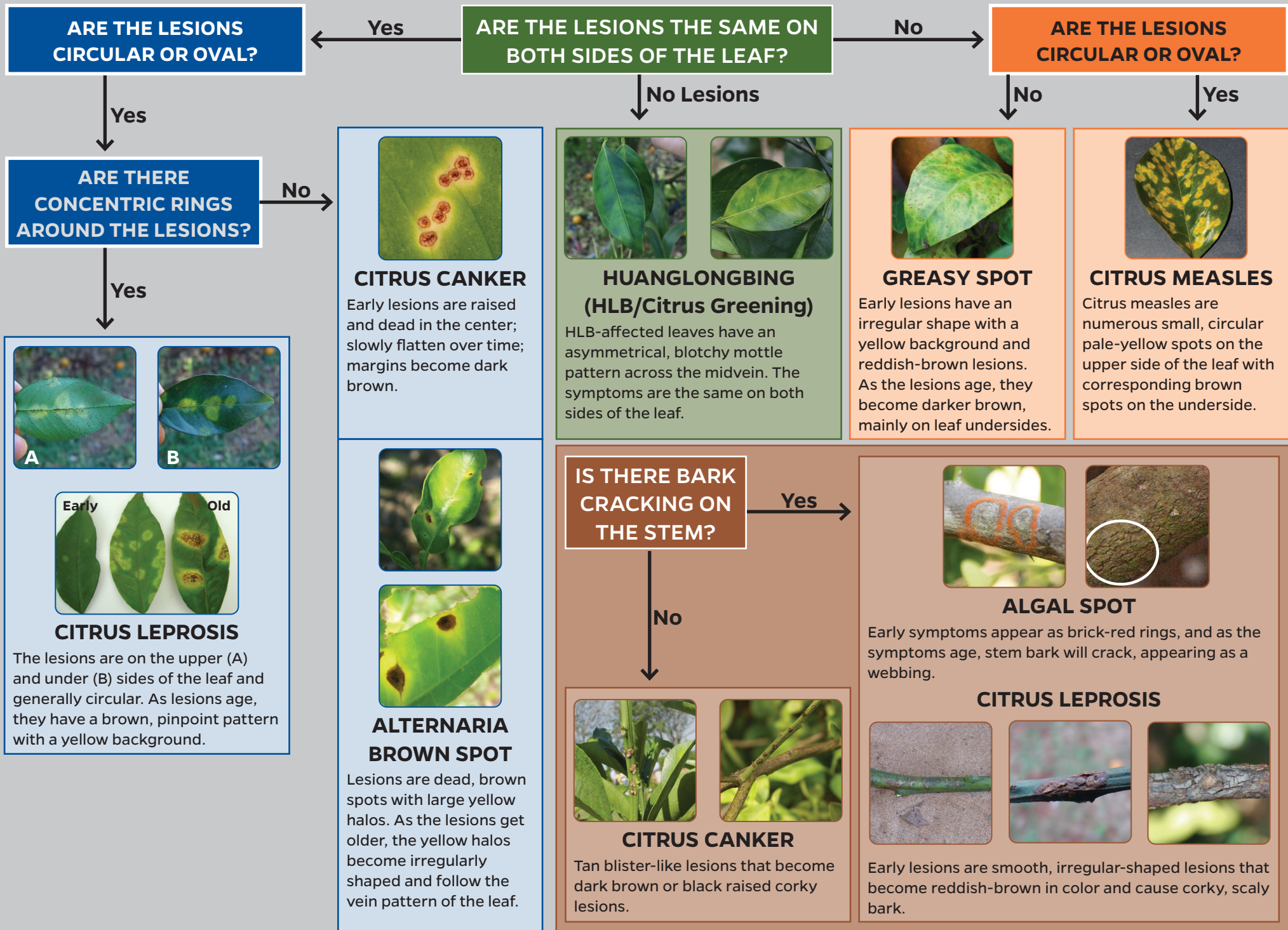


PROPER IDENTIFICATION WILL HELP DETERMINE THE APPROPRIATE MANAGEMENT STRATEGY.

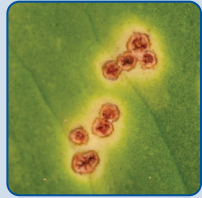


ARE THE LESIONS CIRCULAR OR OVAL?

Yes

ARE THERE CONCENTRIC RINGS AROUND THE LESIONS?

No



CITRUS CANKER

Early lesions are raised and dead in the center; slowly flatten over time; margins become dark brown.



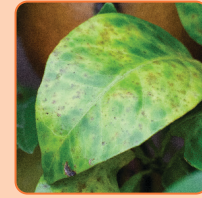
ALTERNARIA BROWN SPOT

Lesions are dead, brown spots with large yellow halos. As the lesions get older, the yellow halos become irregularly shaped and follow the vein pattern of the leaf.



HUANGLONGBING (HLB/Citrus Greening)

HLB-affected leaves have an asymmetrical, blotchy mottle pattern across the midvein. The symptoms are the same on both sides of the leaf.



GREASY SPOT

Early lesions have an irregular shape with a yellow background and reddish-brown lesions. As the lesions age, they become darker brown, mainly on leaf undersides.



CITRUS MEASLES

Citrus measles are numerous small, circular pale-yellow spots on the upper side of the leaf with corresponding brown spots on the underside.

IS THERE BARK CRACKING ON THE STEM?

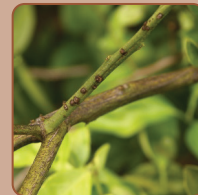
Yes



ALGAL SPOT

Early symptoms appear as brick-red rings, and as the symptoms age, stem bark will crack, appearing as a webbing.

No



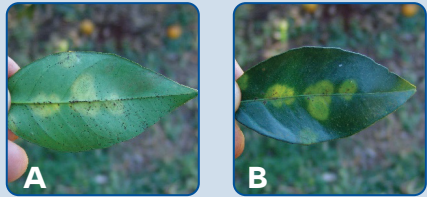
CITRUS CANKER

Tan blister-like lesions that become dark brown or black raised corky lesions.

CITRUS LEPROSIS



Early lesions are smooth, irregular-shaped lesions that become reddish-brown in color and cause corky, scaly bark.



A

B



CITRUS LEPROSIS

The lesions are on the upper (A) and under (B) sides of the leaf and generally circular. As lesions age, they have a brown, pinpoint pattern with a yellow background.