

PRODUCT SHOWCASE

New mower engine first CARB certified

American Honda's new GX120 general purpose engine became the first gasoline engine certified to meet the nation's toughest emission standard—the 1994 California Air Resources Board (CARB) emissions standards for small engines. American Honda plans to convert all other engine models to CARB-approved models by Jan. 1, 1994.

The GX120, a 4 hp overhead-valve horizontal-shaft lightweight engine, received approval of compliance from CARB almost one year before the effective date of the standard. The GX120 is used in edgers, pumps, small construction equipment and reel-type lawn mowers.

Honda professional mowers come equipped with

American Honda engines.

American Honda also recently introduced its new line of OHV horizontal-shaft V-twin engines. The 18 hp model is available in recoil and electric start while the 20 hp is available in electric start only. Options include Oil Alert, control box, high mount and side mount mufflers and various shaft sizes. All meet the CARB

standards. The V-twin line joins the GX (horizontal shaft) and GXV (vertical shaft) series engines. All three lines offer:

- overhead valve engine design on 4-hp and above
- chrome top piston ring
- vibration-reducing counter balancers on 8 hp to 13 hp engines
- electronic ignition

- dual element air cleaner on 4 hp and above

Optional engine features include:

- Oil Alert low oil warning system
- electric start
- 3 to 20 amp charging capable
- spark arrestor

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PRODUCT REVIEW

Winter-hardy buffalograss requires little moisture

Bison buffalograss was cooperatively developed and released by Oklahoma State University and the USDA's Agricultural Research Station.

Johnston Seed Company of Enid, Okla., retains the production and marketing rights.

Bison is a synthetic variety, derived from the male and female parents of the "Mesa" variety plus a superior plant of each sex, selected from a Syn-1 generation planting of the Txoka variety.

The outstanding feature of Bison is that it is adapted to dry climates and is very winter-hardy, which allows it to be grown in the most northern regions, where buffalograss can be grown.

Bison is a sod-forming grass, dark green and fine textured. It spreads by both seed and stolon.

Bison is recommended for use on commercial and residential sites, athletic fields, golf courses, and locations requiring

erosion control.

Bison is a semi-arid grass adapted to survive under very low rainfall. It requires both sunlight and well-drained soil, and does not do well in areas with shade or excessive moisture. It grows best on heavy soil types rather than sandy soils, with a pH range from 6.0 to 8.0.

Bison buffalograss is an attractive and ecologically sensitive lawn grass requiring less fertilizing, watering and mowing, therefore aiding in water conservation and creating fewer clippings for disposal.

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Conduct disease detection, diagnosis on the site

Neogen Corporation announce that it has completed the acquisition of the Alert and Reveal plant diagnostic tests kits from Agri-Diagnostics Associates.

The on-site plant disease detection test kits are rapid testing tools that allow users to conduct highly accurate disease detection and diagnosis without needing an

equipped plant pathology laboratory.

The tests are based on immunoassay methods in which antibodies have been



developed to recognize specific plant pathogens. By reading a color change, the user can determine if the pathogen is present and semi-quantitate the pathogen load.

The Alert test kits are available for detection of pythium, phytophthora, rhizoctonia and xanthomonas.

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