

NUTRACEUTICAL PLANTS

AgriForest is pleased to be on the forefront of developing new alternative crops, including Sea buckthorn and Stevia, for North America. Our Nutraceutical Plants are reported to have a variety of medicinal properties and are regarded to be the next generation of botanicals. In collaboration with Agriculture and Agri-Food Canada, AgriForest has conducted projects to select the best yielding and highest quality plants. We then cloned these select plants using tissue culture technology.

Experience the AgriForest difference!



AgriForest Bio-Technologies Ltd.

Quality Plants through Tissue Culture Technology

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STEVIA

Stevia rebaudiana

This plant, which originated in South America, has been used for centuries as a natural sweetener. The glycosides in its leaves can be 300 times sweeter than sugar. Since the 1970s, *Stevia* extracts have been used as a sugar substitute in many countries. *Stevia* is a small shrub, reaching approximately 4' in height, with tiny white florets. It is grown as a perennial in subtropical regions, but must be grown as an annual in mid to high latitude regions.

SEA BUCKTHORN

***Hippophae rhamnoides* 'HERGO'**

The most widely planted commercial variety in Germany. Bears heavy crops of medium size yellow orange fruit ripening from mid-August to mid-September. Regenerates quickly from mechanical harvest pruning. High quality fruit makes excellent juice, which exhibits the highest carotenoid content. 33g/100 berries.

***Hippophae rhamnoides* 'INDIAN SUMMER'**

This variety is native to Europe and Asia and has adapted well to the Canadian Prairies. Medium sized light orange fruit are ready for September harvest. Berries will remain on branches all winter. Exhibits very high seed oil content, making it a good candidate for sea buckthorn seed oil production. 37g/100 berries.

***Hippophae rhamnoides* 'LEIKORA'**

A very popular multi-purpose variety. Large bright orange fruit ripens in early September. Fruit quality remains high and hangs on the branches into the winter, permitting extended harvest. Makes good quality juice, which is high in vitamin C and antioxidant efficiency. Is considered to be the most ornamental of the varieties. 50g/100 berries.

***Hippophae rhamnoides* 'LJUBITELSKAYA'**

This variety exhibits very high seed oil content, making it an excellent candidate for sea buckthorn seed oil production. 70g/100 berries.

***Hippophae rhamnoides* 'LUCHISTAYA'**

This variety exhibits the highest oil content in pulp, lending itself well to sea buckthorn pulp oil production. 75g/100 berries.

***Hippophae rhamnoides* 'PROZRACHNAYA'**

Due to its high seed oil content, this variety is an excellent one for sea buckthorn seed oil production. 87g/100 berries.

***Hippophae rhamnoides* 'RHAMNOIDES'**

This variety produces berries that exhibit the highest vitamin C and E content. These superior juice characteristics make Rhamnoides a suitable cultivar for the beverage industry. 29g/100 berries.

***Hippophae rhamnoides* 'RUSSIAN ORANGE'**

A very high yielding variety. Produces large, deep orange berries that ripen in early August.

***Hippophae rhamnoides* 'SANDORN FRUGANA'**

An early ripening, high yielding variety. Ripens to the end of August. Berries should be harvested soon after ripening to maintain fruit quality. Makes mild, pleasant tasting juice. Long fruit stems make this variety the most popular for hand harvesting. 36g/100 berries.

***Hippophae rhamnoides* 'SRS GARDEN'**

This varieties produces berries that are exceptionally high in vitamin E and antioxidant efficiency. 20g/100 berries.