



Forage Advisor

TerraLink Horticulture Inc.

Fall 2013

Now At TerraLink

Syngenta Corn Seed

Syngenta corn genetic traits are branded under the **Agrisure®** name. For BC, **Agrisure®** traits of interest include:

Agrisure® GT

Glyphosate tolerance is a common feature and well known by now, giving producers the benefit of being able to apply labeled glyphosate brands for control of weeds.

E-Z Refuge

Corn with Bt genetics (for control of lepidopteran insect pests; cutworms, loopers, borers) in the past was grown under CFIA rules, along with non-Bt corn, to provide a refuge, keeping a place for the insects to feed without

being controlled. In this way the development of resistance could be avoided, or at the very least, slowed. Now, with **Agrisure® E-Z Refuge** genetics, the refuge corn is blended in, and spread throughout the field. No longer does a separate refuge block of corn need to be grown.

“Stacked” Insect Control Traits

Syngenta offers various **Agrisure®** packages of “stacked” insect control, so that several pests can be controlled at one time, all within the genetic package of the varieties. In some of them, the **Agrisure®** genetic packages include resistance to glyphosate too, and in some cases even glufosinate (Liberty).

Agrisure® Artesian™

The first ever genetic technology for corn hybrids that offers “water-optimization”, **Artesian™** helps deliver more yield in moisture-stressed environmental

conditions. With this trait, yield is maximized when it rains, and increases yield when it doesn't. Research has shown up to 15% yield preservation under moderate to severe moisture stress. This doesn't mean you can skip the irrigation, but sure helps in the dry months.

Syngenta continues to invest and explore new methods to help you maximize your yield. The **Agrisure®** product line is comprised of high-performance traits available in elite hybrids, developed to provide best-in-class insect control and exceptional herbicide tolerance in corn. **Agrisure®** traits offer growers new opportunities to maximize their yields and grow their business.



syngenta

There is a new option on the horizon

TerraLink Horticulture Inc. is now a distributor for Syngenta Corn Seed in British Columbia.

In addition to many of their well known agricultural products, Syngenta Corn Seed is now also available from TerraLink and selected TerraLink dealer partners across the province. Contact us at 1-800-661-4559 for more information and a complete line-up of varieties.

Rooted in your community.

TerraLink

Soil Testing

In both forage grass and silage corn, a soil test every couple of years is sufficient. Given the low cost per acre and the value of the information, it doesn't make sense to stretch it longer than that. For example, a Standard test package costs \$ 50.00, which spread over a 10 acre field is \$ 5.00 per acre. Over a 30 acre field the cost is only \$1.67 per acre.

A Standard test package at **Terralink's Plant Science Lab** includes pH, organic matter, salts, nitrate-N, phosphate, potash, sulphur, magnesium, calcium and base saturation. Although this is sufficient, it doesn't hurt to check micronutrients every 5-6 years too. Even though grass and corn typically don't respond to applications of micronutrients in the Fraser Valley, you wouldn't want your crop to suffer in yield or quality because a minor nutrient is a little low. The Detailed test package is more expensive, but also includes sodium, zinc, boron, copper, manganese and iron.

Fall is the best time to soil test. Why? Several reasons: Except for nitrogen and sulphur, most other nutrients won't leach over winter so what is tested in the fall will generally be present in the spring. Second, both the labs and the folks who conduct soil testing are less busy than they are in the spring. Last, fall testing allows you more time to apply limestone, should the soil test indicate your field has become too acidic, as it is always drier in the fall and easier for machinery to access fields.

Crop Protection

Weed Control in Field Corn

The first step in planning your weed control strategy in silage corn is to know the six major weeds that like to live in your field. If your local sales rep can't help you, bring in examples of the most common weeds, roots and all, and we will do our best to identify them at our Abbotsford office.

Glyphosate-Tolerant Corn

Apply Touchdown Total at the 1-4 leaf stage of the corn to prevent yield-robbing competition from early weeds, and then apply a second application of Touchdown Total before the 8 leaf stage.

Go Leafy
with **Hyland**
Seeds

Hy-performance seed for high performance feed.

HLTM
Hyland
Seeds

Have a nice field

TMTrademark of the Dow Chemical Company ("Dow") or an affiliated company of Dow.

Tank Mixes:

- AATREX Liquid 480 Herbicide
- Primextra II Magnum
- Impact
- Dual II Magnum

Conventional Corn

Pre-Plant Incorporated

AATREX Liquid 480 Herbicide, with or without Dual II Magnum

Pre-Emergence Application

Several products are registered for pre-emergence use and available to be tank-mixed, depending on which weeds are present. These include AATREX, Primextra II Magnum, Dual II Magnum and Integrity.

Post-Emergence

Several products are registered for post-emergence use and available to be tank-mixed, depending on the weeds that are present. These include AATREX, Accent, Pardner, Dual II Magnum, Banvel and Oracle.