

What is the single biggest reason to fertilize your berry fields this fall?



**Bigger
Yields
in 2015**

That's why. How? Read on.

The size of next year's harvest is **completely** controlled by what you do this fall.



The buds for next year's flowers are formed in a period coinciding with September through October. Make sure your plants have adequate amounts of certain nutrients leading up to this time and during these months, such as zinc and boron. Do **NOT** however apply any more nitrogen, because an excess of N may prevent the plants from becoming dormant properly. If the plants don't go into dormancy they will be vulnerable to increased winter damage to the plant tissues. You can best determine fall nutritional requirements in blueberries with a tissue test, which is best done in late summer. Inquire with our Sales Desk about tissue testing in 2015, if you missed this season.

FALL NUTRITIONAL CROP INPUTS

NEW Fall Berry Blend 0-11-22 + 10(S) + 5Mg + .03Zn + 5Ca. A granular amendment to supply macro and micro nutrients that your blueberry plants may need in gross amounts. This blend contains Wolf Trax® zinc, which means every particle contains zinc for improved distribution and uptake by plant roots.

Sulphate of Potash Magnesia 0-0-22 + 22(S) + 11Mg. Supplies potash, sulphur and magnesium. Like in the new Fall Berry Blend, there is also a high level of sulphur in this fertilizer. This is important, as sulphur continuously leaches out of our Fraser Valley soils due to our high rainfalls. Potash is a nutrient removed in relatively large amounts by the harvest. A general characteristic of some Fraser Valley soils is low magnesium. Our berry and vegetable crops use an abundance of Mg, and it is commonly in deficiency; even more commonly applied routinely. This is a popular fertilizer.

Potash: If only potash is required in the fall, we have many choices! We can supply it as granular potassium sulphate, liquid TigerClaw KDL 0-0-24, liquid TigerClaw Fruit Finisher 0-0-24, liquid TigerClaw Power-K 0-0-20 or liquid KTS 0-0-25+17(S).

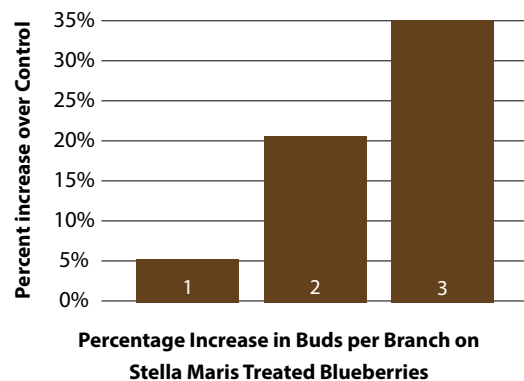
TigerClaw Liquid Zinc DL 10% Zn. For foliar applications.

Eco Bor 10% Boron. For foliar applications.

Stella Maris Aquatic Plant Extract

Increasing nutrient uptake post-harvest is critical as buds are developing for the next season. Numerous trials prove Stella Maris® increases quality yields and bud development.

Stella Maris and Bud Development



In three different blueberry trials, the number of buds per branch was increased by an average of 18.8% using in-season Stella Maris applications, indicating the potential for increasing yield the following year.

SOIL SUPPLEMENTS AND PH



Custom application of **BULK LIMESTONE** is on sale now!

Until November 30th 2014, TerraLink offers a \$ 15/tonne discount on custom applied limestone.

The best time to apply limestone to your fields is in the fall. There are two main reasons for this. First, from an agronomic point of view it makes the most sense. What happens when limestone is applied to soil? In our Fraser Valley soils there is an abundance

of aluminum, which naturally reacts with water to produce hydrogen ions (H⁺). The presence of a concentration of H⁺ creates acidity.

When limestone (calcium carbonate) is added to the soil, some of the calcium replaces aluminum at the cation exchange sites. Meanwhile, some of the carbonate combines with hydrogen to produce water and carbon dioxide. This reaction is not instant, especially if the limestone is not incorporated. Typically several months pass before the biggest change in pH takes place. If limestone is applied in the fall the pH should be increased just in time for fertilizing time in the spring.

The second reason for applying limestone in the fall is time. The fall is typically drier than spring so fields are better able to handle the weight of spreading equipment without damaging the soil. Application can be timed right after the last cut of grass or directly following corn harvest. Also, bad weather in the spring with wet soils often means we can't get to all the orders in time prior to planting. Inevitably, some are cancelled and yield and quality are compromised. It makes far more sense to do some of the spreading in the fall when we can quickly drive across dry fields.

Note: TerraLink's custom limestone application service is ONLY for unplanted fields.

If you need limestone or other soil supplements in your established berry fields, you can rent a spreader from TerraLink and apply it yourself. We can deliver bulk limestone to your farm, or you can ask for minibulk lime, or try our new liquid limestone and spray it on!

- Dolopril prilled magnesium carbonate limestone (Mini Bulk bags only)
- NEW! Hydrocal liquid limestone (*see feature box*)
- Novacal II granular gypsum (Mini Bulk or bags)
- Humic Acid granular humate supplement (Mini Bulk or bags)

New Spreaders!

TerraLink has two new made-to-order spreaders, ready to go NOW for this fall application season. These spreaders were specifically designed for TerraLink to help berry growers to apply their limestone, granular gypsum, Novacal II and Humic Acid needs. On these new spreaders, the material exits the machine from 2 feet off the ground, so those high raised beds won't be a problem any more. We can switch them between spinner-spread format and conveyer-spread format, so they can be set up as broadcast or sideband spreaders.

CROP PROTECTION PRODUCTS TYPICALLY APPLIED IN THE FALL

Fungicides:

Fixed Copper, Captan Supra WDG/Maestro 80DF, Ridomil Gold 480SL, Aliette WDG, Copper Sulphate (used with hydrated lime and water to produce Bordeaux Mix).

Herbicides:

Glyphosate, Gramoxone, Ignite SN, Simazine 480/Princep 9T, Devrinol 50DF.

PLANT SCIENCE LAB SOIL TESTING

Soil tests are more economical than you think. For example, a Standard test package costs \$49.95, which spread over a 10 acre field is \$4.99 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. 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, the other nutrients don't leach over winter; what is tested in the fall is generally present in the spring. Your recommended rates for nitrogen and sulphur are based more on crop removal than soil test levels, so unless you are engaging in a Nutrient Management Plan, part of an Environmental Farm Plan, don't worry about them. 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.

Feature:

HydroCal Liquid Limestone

New for our area, we are bringing small amounts of HydroCal Liquid Limestone for trials. There are no problems spraying this product, but if you consider using it in a drip system, be very cautious. Being a calcium material, it does not mix well with acid-based fertilizers or products with a high salt index. However, a liquid limestone product has been requested by berry farmers for years. Our advice is: go slowly as there will be a learning curve.

REMEMBER: Don't neglect your fields this fall. You'll be missing out on bigger yields in 2015.

