

2020 CATALOG

Grafting Systems™

Grafting Supplies and Nursery Equipment



Scionon® Grafting Tools



Specialized Nursery and
Horticultural Equipment



GRAFTING SYSTEMS™--- Division of Moser Fruit Tree Sales, Inc.

Website: www.GraftingSystems.com

5329 Defield Road, Coloma, MI 49038 USA

Toll Free 800-386-5600 Email: Info@GraftingSystems.com

Best to call Matt's Mobile Phone 269-921-6892



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Grafting Systems™, a division of Moser Fruit Tree Sales, Inc., was established in 2014 and is dedicated to helping commercial growers and nurserymen improve the efficiency and productivity of their propagation programs and operations. Matt Moser and his family have been in the nursery and fruit tree industry for over 65 years, selling and brokering fruit trees to commercial orchardists across the country and operating their own fruit tree nursery. While most nursery production is via conventional chip budding, grafting has always been a tool in the nurseryman’s toolbox. With the development of Scionon™ Grafting Tools, the inventor and designer Ian Adams, has made it a goal to allow users to greatly improve their productivity, whether on the “bench” or “in the field”. Scionon tools help to reduce or eliminate the skilled knife work that can take years to develop. Less skilled people can efficiently perform most of the grafting tasks with a short amount of training and practice. In addition to Scionon™ tools, Grafting Systems™ will handle other grafting supplies and useful horticultural tools, machines, equipment, supplies and resources over time. Ian Adams is the founding director of SCIONON™, an established New Zealand company specializing in the development of innovative grafting tools. Ian has over 40 years of grafting experience. He has been an orchard worker, owner, manager, contractor, consultant and nurserymen; and has amassed a wide range of complimenting skills and knowledge that he has put to good effect. Recognizing the void in mechanical propagation devices and aids, Ian’s inventive mind lead him to develop several specialist tools for use in the horticultural industry. This passion has resulted in the development of several innovative grafting aids which have the potential to revolutionize the way budding and grafting are carried out. Research to date provides evidence that there is potentially an unlimited international market for these innovative new devices. Scionon™ has already established strong interest locally in New Zealand, Australia and Europe. We are proud to be the Exclusive US Distributor.

PRODUCT TYPES

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Educational Discounts: Ask us about additional discounts for multiple unit purchases for certified educational institutions, schools, colleges, universities, and other educational programs which may be interested in including Scionon® grafting tools into their classes or programs.

General Terms & Conditions of Sale

THE COMPANY: The term "the Company" as used herein, shall be understood to mean in all cases, either or both, Grafting Systems™ (a division of Moser Fruit Tree Sales, Inc.) and/or Moser Fruit Tree Sales, Inc. PRICES: Prices herein or quoted by the Company are intended for wholesale and commercial trade only and cancel all previous quotations. Prices are based on present market conditions and are subject to change without notice. All transactions shall be in "U.S. Funds." Prices are F.O.B. Coloma, MI unless otherwise quoted. Freight and other required charges will be added to invoice or collected upon delivery, depending on nursery and method of shipment. DEPOSIT: A non-refundable cash deposit of up to 25% of total order may be required upon receipt of acknowledgement. Some products, due to their nature of production, may require a higher deposit. PAYMENT: Invoices will be Net 30 days to established customers. To establish credit with us, we request reliable references and the name of your bank and a completed credit application and personal guarantee of payment. For all other customers, we require payment in full prior to shipment. Volume or other discounts for new orders will not be allowed when an older, past due balance remains unpaid. SERVICE CHARGE: A Service Charge of up to 1.5% of the net balance owing will be added for each month or portion of a month from the invoice date if payment is not made within 30 days. (This is an ANNUAL RATE of 18%). Payments received will be applied to service charges first, freight and other miscellaneous charges next, if added to invoice, and any balance to product. COLLECTIONS: Seller retains a security interest in all material until it has been fully paid for. In the event repossession or collection becomes necessary, buyer will pay for all costs of collection and repossession. Costs include, but are not limited to, court costs and reasonable attorney fees whether or not prosecuted to final judgment. GUARANTEE: The Company exercises great care to deliver quality, first class products. However, we give NO warranty or guarantee, expressed or implied, as to the life, description, quality, productiveness or any other matter of product we sell or broker. Individual supplying companies and manufacturers may have other policies, which will take precedent and govern any order or delivery of their product. We cannot be held liable for their actions. BACK ORDERS: There are situations where items are not available to ship on the date you request to receive them. These items may be back ordered and then shipped later if possible. If delivery cannot be economically arranged, we will contact you. CLAIMS: All claims must be made in writing within seven (7) days of receipt of material. All unsatisfactory or rejected goods must be held for our advice or disposition. Damage to product from transportation must be noted on the freight bill, and we must be advised of any damage immediately. SHIPPING AND FREIGHT: All products are shipped at the buyer's risk and expense. Customer must specify their preferred shipping method or we will ship by the method we think best. Freight charges are the customer's responsibility. Packing materials are charged at our cost. Handling charges may be added to orders below our normal minimum order size. OTHER CHARGES: Customer is responsible for all charges reasonably required for fulfillment of his order, whether directly charged by the suppliers or charged to us and passed on. Such charges may include shipping and freight, customs and tariffs, packaging charges, tags and labeling, certification, inspection and other fees, etc.

SCIONON® GRAFT CRAFTERS



The SCIONON® Graft Crafter™ is a revolutionary new hand operated tool which efficiently aids scionwood and rootstock preparation and assembly. It is a bench mountable device which enables increased safety and productivity for novices through to experienced propagators. With it you have the ability to accurately bench graft the technically difficult 'whip & tongue' graft with ease, or pre-prepare scions of many other different graft types for grafting on later in the field. For convenience the device is portable and can even be used in the field close to where you are working. It has been more than ten years in development and is well field tested. We have many users of the tools across the globe which have experienced very successful results in their grafting programs. As hand graft labor becomes more and more scarce, the SCIONON® Graft Crafter™ will change the way you graft, by allowing inexperienced labor and novices to make successful grafts, learn the ways of grafting, and gain experience by which they might transition to hand grafting. With care and practice you should get years of productive trouble free operation from your investment. The Graft Crafters are modular units and all modules and replacements parts are readily available from GraftingSystems.

GBU The basic and most popular Graft Crafter®



The bench mountable **GBU SCIONON® Graft Crafter™** is the recommended basic module from which to build the grafting program. It is an extremely versatile tool allowing unskilled persons to prepare at least 5 graft types safely and easily. With minimal training and practice this tool enables the novice grafter to prepare the following grafts - rind, whip & tongue, cleft and wedge grafts. It also can cut chip buds. This tool is a portable bench mountable device allowing a multitude of applications and can be supplied with optional guide blocks for specific grafting cuts. The base tool is supplied with spare blades and fixings and full operating instructions. The optional guide blocks are easily changed by simply pushing on and pulling off. The GBU prepares graft wood 5mm to 15mm in diameter. It is most suited to preparing large quantities of whip & tongue and cleft grafts and chip buds at the bench when bench grafting is desired. The GBU can also be used in the field to prepare scion wood for reworking existing orchard trees and nursery stock. The GBU 3 consists of one (1) Scionon® Guillotine Base Unit (GBU) with Tongue Splitter (TSU) and Yellow (general purpose) 4-way guide block. This is the basic unit recommended for most uses. Graft Crafter™ models are backed by a 12 month replacement guarantee against defects in materials and workmanship.

Drop Saw Unit (DSU)



Graft Crafter™ units are modular and can be expanded to provide even more versatility when required, and depending on set-up and wood diameters are capable of performing all of the above mentioned cuts. The **DSU or Drop Saw Unit** is designed for much heavier woods which require cutting with a drop saw. This unit is not needed for most grafting unless the wood diameter is 3/4" or larger or very hard. Topworking one-year "bargain" trees into a different cultivar may require this unit. Many nut growers who graft pecan and other nuts which have hard, large diameter wood have used the DSU unit to ease grafting and relieve the difficulty in cutting with a knife. (The GBU+DSU was formerly known as FMU-Full Modular Unit.)

SCIONON® GRAFTING SHEARS



NEWLY RE-DESIGNED FOR 2020! SCIONON® Grafting Shears™ are extremely versatile hand-held tools allowing unskilled persons to prepare at least 6 graft types safely and easily. With training and practice these tools enables the novice grafter to prepare the following grafts - rind, whip & tongue, cleft and wedge grafts. It can also cut chip and 'T' buds. These tools are portable hand held devices allowing a multitude of applications. Each tool is supplied with full operating instructions, spare blade and fixings. The optional holster attaches to a belt and also has pockets for a knife and sharpening stone and/or spare blade storage. **SGS4-12R---NEW LIGHT DUTY-SLIM PROFILE** configuration which will handle a wide range of wood sizes. Prepares graft wood 3mm to 16 mm in diameter (approx. 1/8-5/8"). Suited to prepare cleft, wedge, whip & tongue grafts and the preparation of chip and T buds. The slimmer profile of the upper jaw allows closer work when grafting onto potted stock. **SGS4-14R---NEW MEDIUM DUTY-SLIM PROFILE** configuration which will handle a wide range of wood sizes. Prepares graft wood 3mm to 16 mm in diameter (approx. 1/8-5/8"). Suited to prepare cleft, wedge, whip & tongue grafts and the preparation of chip and T buds. The slimmer profile of the upper jaw allows closer work when grafting onto potted stock. **SGS5-21R---NEW HEAVY DUTY** configuration which will handle the full range of wood from 3mm to 22mm (~1/8-7/8") in diameter, and is suitable for all types of grafts. An optional kerf blade kit is available to allow the preparation of kerf grafts. It has the full profile upper jaw as the older model 22R it replaces. Older styles of shears are being discontinued, but some may still be in stock and available at discounted pricing until gone. All the models of shears share the same re-sharpenable and replacable blades, which we keep in stock. Grafting Systems also offers re-sharpening and re-furbishing of all shears and blades. **CHECK OUT THE FULL LINEUP OF SCIONON GRAFTING SHEAR MODELS BELOW.**

All Scionon® Graft Crafter tools are designed in modules and any module or part that may become damaged or need replacement can be easily replaced. We carry a full line of replacement parts and modules. Just call or email us with your problem or need and we will quickly find a solution.

SCIONON® GRAFTING SHEAR MODELS--- Re-designed for 2020!

NEW LIGHT DUTY- SLIM PROFILE 12mm Shears



SGS4-12R---NEW LIGHT DUTY configuration which will handle a wide range of wood sizes. Prepares graft wood 3mm to 16 mm in diameter (approx. 1/8-5/8"). The Slim Profile upper jaw allows the grafter to more easily graft on potted material where holding the shears "up-side-down" is required and cutting closer to the base of the plant is desired. These shears are also the most economical entry level shears for those who don't plan to make thousands of grafts. Comes with extra blades and fixings.

NEW MEDIUM DUTY- SLIM PROFILE 14mm Shears



SGS4-14R---NEW MEDIUM DUTY configuration which will handle a wide range of wood sizes. Prepares graft wood 3mm to 16 mm in diameter (approx. 1/8-5/8"). The Slim Profile upper jaw allows the grafter to more easily graft on potted material where holding the shears "up-side-down" is required and cutting closer to the base of the plant is desired. These shears are economical shears for those who are planning to make thousands of grafts over time and want a more professional quality shear. Comes with extra blades and fixings.

NEW HEAVY DUTY- FULL PROFILE 21mm Shears



SGS5-21R---NEW HEAVY LIGHT DUTY configuration which will handle the widest range of wood sizes. Prepares graft wood 3mm to over 22 mm in diameter (approx. 1/8-7/8"). The Full Profile upper jaw is the same as on older models and about 1/2 inch wider than the slim profile jaw. These shears are PROFESSIONAL GRADE and designed for heavy use. The typical grafter will not need this model unless they are making thousands of grafts or preparing extra heavy rootstock or scionwood. Comes with extra blades and fixings.

LEFT-HANDED MEDIUM DUTY 15mm Shears

SGF4-15L---For "Lefties". 15mm MEDIUM DUTY configuration which will handle a wider range of wood sizes. Prepares graft wood 3mm to 16 mm in diameter (approx. 1/8-5/8"). Essentially the left-handed version of the older 13, 15, and 16 mm shears which have been discontinued..

LEFT HANDED HEAVY DUTY 22mm Shears

SGF5-22L---For "Lefties". 22mm HEAVY DUTY configuration which will handle a wider range of wood sizes. Prepares graft wood 3mm to 22mm in diameter (approx. 1/8-7/8"). Essentially the left-handed version of the older 19 and 22mm shears which have been discontinued..

**13mm, 16mm & 19 mm Shears
ON CLEARANCE WHILE SUPPLIES LAST**

These older models have now been discontinued in favor of the newer 12, 14, and 21mm models. While our stocks remain, we will offer them at discounted prices to clear them out. All the blades are still common and interchangeable for all shears. They will still carry the same warranty.

SCIONON® PARTS AND ACCESSORIES



Guillotine Handles--- If you are doing lots of production where high efficiency and maximized use of your labor force is required, then we recommend that you purchase an extra guillotine handle which you may switch out more quickly when it becomes necessary to sharpen the blade. By having another handle with a sharp blade, your grafting people will lose very little time and can continue to cut wood. You can then re-sharpen the blade on the other handle.



All Graft Crafters and Grafting Shears come with extra blades. Extra blades do not need to be purchased separately on your initial purchase. With care blades will make thousands of cuts before needing to be tidied up, re-edged or re-sharpened. Should you need extra blades, we carry extras for both the Graft Crafters and Shears. We also offer re-sharpening services for worn blades.



Grafting Shears Pouch is a handy accessory which will hold the Scionon® Grafting Shears, extra blades, and other items such as knives and tools for replacing blades. Well made of high quality, heavy leather.



Scionon® Guide blocks are available for many different types of cuts and uses. When you order or are considering a Graft Crafter let us know what kinds of grafting you are considering and the uses you wish to put the tool to. We can help you choose the correct guide block(s) for your use. In addition, Ian Adams of Scionon is always developing new and improved blocks. He will be happy to consult with you on any new use you may be considering and advise on the best guide block for your purpose. Ask about pricing.



The **Scionon® Round Caliper Gauge** is included with each Graft Crafter® unit, but extras can be purchased separately. The Round Caliper is in "English" inches for us non-metric types. These rules are used to grade rootstocks into similar sizes for easier grafting. They are also useful for grading nursery stock and trees. A long straight ruler calibrated in metric is also available.

All Scionon® Graft Crafter tools and designed in modules and any module or part that may become damaged or need replacement can be easy replaced. We carry a full line of replacement parts and modules. Just call or email us with your problem or need and we will quickly find a solution.

SCIONON® GRAFTING/BUDDING KNIVES and other knives.

Ian Adams, the inventor and developer of the Scionon® tools is a professional grafter in New Zealand who has spent years thinking about improving the safety and use of grafting knives. Over the years, he has developed many different high quality hand-made grafting knives. Since his experience contributes to his imagination, there are more models of Scionon grafting knives than we can possibly stock and carry, except for the most common and basic ones. If one of the knives we offer does not seem to meet your needs, let us know and we will contact Ian on your behalf and get a recommendation for the proper knife that may meet your need.



Kerf Grafting Knife--- Hand made grafting knife with adjustable twin blades specially designed for kerf cut grafting. Yellow high visibility handles. The parallel blades can be adjusted from approx. 5mm to 10mm separation to match your kerf cut into the branch or trunk. Supplied with leather carry and storage sheath.

Straight bladed Safety Knives--- Hand made straight bladed grafting knife with safety features for whip and tongue grafting. Yellow high visibility plastic handle. Supplied with leather carry and storage sheath. Available in right and left handed models. Some models have extra guards for safety when doing whip & tongue grafts by hand.

Curve or Hook bladed Knives--- Hand made grafting knives with curved or hooked blades more suitable for field and orchard grafting. Yellow high visibility plastic handle. Supplied with leather carry and storage sheath. Available in right and left handed models.

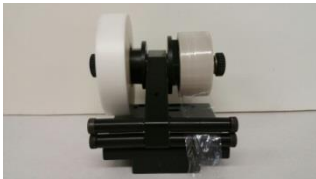
Budding knives--- Hand made short bladed budding knives, built with the same craftsmanship as other Scionon® knives. Supplied with a leather carry and storage sheath.



TINA KNIVES Many budders and grafters prefer TINA knives for their high quality, long lasting blades. We offer both the normal round end, fixed blade TINA 683 budding knife as well as the larger TINA 600A folding grafting knife.

GRANDPA'S ECONOMY KNIVES If you are thrifty and don't require the high quality steel blades of the TINA knives, we also offer two styles of economy knife in both fixed, round end blade and fixed, straight blade similar to the TINA design.

GRAFTING TAPE APPLICATORS



The **Scionon® Tape Applicator Unit** will handle both BuddyTape, Bio-Graft tape, and other rolls in order to ease tape application to grafts. This can be both a stand alone unit as well as a modular unit that will connect with the Graft Crafters. It has adjustable tension making it easy to adjust the tension on the tape for a tight and secure seal and wrap of your grafts. It comes with two core sizes that will fit both the newer Buddy Tape rolls with the smaller core and the regular Bio-Graft tape (and older style Buddy Tape) core sizes. Since Buddy Tape is quite sensitive to the temperature, the tensioning device makes it easy to adjust the stretch on the tape as it cools or warms up.



The **Grafting Systems Tape Applicator Unit** will handle both BuddyTape or Bio-Graft tape rolls in order to ease tape application to grafts. The GS-TAU is a more economical, stand alone unit. It has adjustable tension making it easy to adjust the tension on the tape for a tight and secure seal and wrap of your grafts. It comes with one core size of your choice that will fit either newer Buddy Tape rolls with the smaller core or the regular Bio-Graft tape (and older style Buddy Tape) core sizes. The core spools are easily changed from one size to another if you wish to have both spool sizes. Since Buddy Tape is quite sensitive to the temperature, the tensioning device makes it easy to adjust the stretch on the tape as it cools or warms up. Bio-Graft Tape also should be tensioned appropriately when applying, and the GS-TAU will make it easier to apply either tape compared to hand wrapping.

GRAFTING and BUDDING Tapes and Other Supplies

BIO-GRAFT™ TAPE from New Zealand is available exclusively from Grafting Systems™



Apply Bio-Graft tape with the adhesive side toward the plant. Because our tapes are pressure sensitive, it is important to familiarize yourself with the variety of stretch pressure needed to produce a successful outcome. Depending on the plant variety we generally recommend about 50% stretch to secure the grafted stock as well as produce good callous formation. A minimum of 4 to 5 layers of tape must be applied to your grafted stock. We recommend that you wrap about 4 layers of tape around your finger to see the effect of the pressure once applied. By testing different stretch ratios and pressures in this way, it will help to quickly understand the desired pressure for your plant stock. Once the desired stretch/pressure is achieved, the grafted plant will produce the correct callous growth wanted. Bio-Graft tape will eventually unravel itself from the bud after sufficient grafting knitting has occurred. Under extremely windy conditions the loose end may need to be secured.

All Bio-Graft tapes are manufactured from FDA approved polyethylene materials. Bio-Graft tapes will work in temperatures ranging from -40F to 120F (-40C to +50C). Be sure to store in a dry place and avoid excessive exposure to sunlight or heat. One 100 meter roll Bio-Graft tape will typically yield approximately 500 to 1000 grafts on 8 mm or 5/16" plant stock.

Our most popular width is the 30mm Bio-Graft™ Tape for most bench grafting purposes. 20mm Bio-Graft™ tape for budding and 40mm Bio-Graft™ tape for top-working is also available.

Buddy Tape®

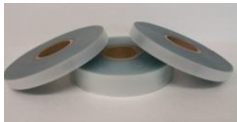


The unique properties of Buddy Tape allow:

- **BIODEGRADABILITY:** The tape biodegrades naturally in exposure to sunlight and can help reduce labor costs necessary to cut away standard tapes after use, and providing an environmentally responsible answer to the problem of waste.
- **ELASTICITY:** Buddy Tape can be stretched to up to eight times its original length. The elastic nature of the material allows small pieces to be used for the application and ensures an extremely tight grip on the bud or graft to keep it firmly in place, which is necessary to allow successful growth. Elasticity also means the tape expands as the plant grows, avoiding girdling the plant which is a common problem with standard budding and grafting tapes.
- **SELF-ADHESION:** Buddy Tape is not adhesive in its normal stored form, but becomes self-adhesive when stretched. This allows quick application with no need for tying knots, and combined with the firm seal created by the film's elastic nature, it means that the bud or graft is kept in place even in windy conditions.
- **WATER-PROOFING:** The film has a wax content to keep it waterproof, so the bud or graft will not dehydrate. Air can pass through the permeable tape allowing the bud to breathe. The wax content also means that use of Buddy Tape can eliminate the need for waxing in covered areas.
- **COMPLETE BUD COVER:** Buddy Tape is pierced by the bud as it begins to grow, and because the permeable nature of the material allows the bud to breath, the bud can be completely covered. This provides protection from infection and insects. It is suggested that just a single layer be over the growing tip of the bud to ease shoot growth. Multiple layers over the growing tip of the bud may delay or hinder shoot growth through the tape depending on your environment.



Plastrip™ pre-cut budding strips are an excellent alternative to using the longer rolls of vinyl budding tapes. Already cut into convenient lengths. We stock the 7" and 10" tapes. 2000 strips per box. Must be cut or removed after budding or grafting healing has been determined.



Vinyl Budding and grafting tapes are available in both 1/2" wide and 1" wide, 300 foot long rolls, 4 mil thickness. This is the most economical budding and grafting tape, suitable for many uses. Must be cut or removed after budding or grafting healing has been determined.



Argo-Whitney's Grafting Wax is available in 1 pound packages. It is predominantly meant for use in the field when top-working or treating wounds. It is more pliable than other competitors grafting waxes, and it doesn't crack or stick to your hands when used outside under normal conditions.



Argo Bench-Grafting Wax is predominantly meant for use when bench grafting and sealing grafts of rootstock and scion. It is available in 5 pound / #10 can units. For smaller amounts see the GraftingSystem Bench Grafting Wax.

Estimated usage:

Just dipping and sealing tip of scion— estimated 2500 per 5 pound bulk can, 400 per 13 ounce pint can.

Dipping approx. 4 inch scion length— estimated 750 per 5 pound bulk can, 110 per 13 ounce pint can.

These are estimates only and actual usage will depend on particular circumstances.

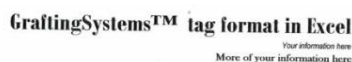
GraftingSystems Bench Grafting Wax is the same product as the Argo Bench Grafting Wax. We have re-melted the large 5 pound bulk product and re-packaged into 13 ounce (1 pint) cans. If you need more than 4 cans, we recommend you buy the bulk 5 pound can.



SCARE TAPES are usually used to help protect crops from birds and other critters. We carry both the Red and Silver Flashy type scare tape as well as a Holographic printed silver bird scare tape. 500 foot rolls.

Clark's Grafting Tape

Clark's Nurseryman's Grafting Tape--- 3/4" x 60 yd rolls. A cloth re-inforced grafting tape suitable for outside use when grafting heavier grafts such as cleft grafts. Trying to close-out this item.



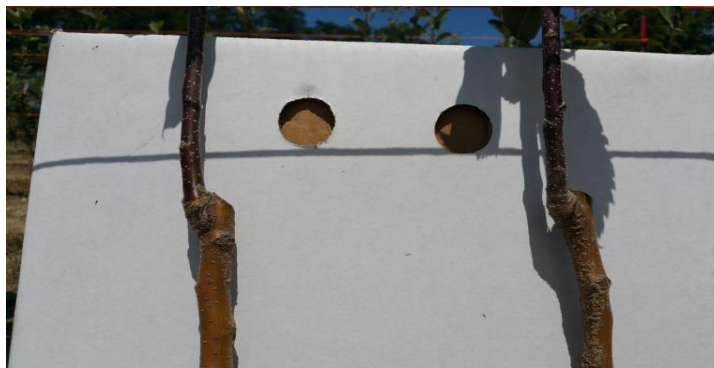
White vinyl laser labels are great to tag and label grafts and nursery trees. These heavy duty white labels can be printed on most laser printers. (Not suitable for ink jet printers.) Will hold up for a year or more in the field. Laser printing is superior to hand written labels with "permanent" marker which eventually weathers. Available as 8 labels per 8.5 x 11 inch sheet. Excel format available to make printing easy.

BUD CLIPS

Grafting Systems™ is the exclusive U.S. Distributor

BUD CLIPS are soft aluminum clips that will ensure the straight initial growth of breaking buds on young trees in the nursery field, eliminating the crook that is common at the bottom of trees not properly straightened when growth starts. The soft aluminum clip is easily applied early in the spring around the dormant bud and will expand as the young bud grows and enlarges into a shoot. Bud clips will not girdle the tree. Bud clips are easily removed and can be reused season after season.

Bud clips are especially useful where workers are not able to timely stake and straighten young shoots before the shoots "harden" and the crook cannot be easily straightened out. Bud clips will help ensure a cosmetically attractive bud union. Bud Clips have also been used successfully to help maintain the strong leader on pine and fir trees in the nursery, where it is important to maintain straight trees and leaders especially after trimming.



INNOVATIVE ORCHARD TOOLS

The Miller "**CINCH**" is a multi-use drill attachment that can be used in many ways. It's original intent was as an aid in the thinning of fruit blossoms during bloom-time in the orchard. We have found that it is also useful as a leaf removal tool in the nursery in the fall to help defoliate leaves on young nursery trees. There are also models which are designed to remove pine cones from young trees, thereby eliminating the climbing of ladders and the intense labor needed to do so by hand. The CINCH easily fits into the chuck of a cordless drill so that it can be taken into the field. It can also be used with corded drills. A little trial and experience will help with determining the proper length and number of tubes on the shaft for your particular use. The tubes are easily replaced if damaged and are of a high quality automotive type tubing. Replacement rolls of tubing are available. When used on cordless drills, users should plan to have sufficient extra batteries as battery life can be short when used heavily. Many users have found that buying extra batteries and connecting them to portable generators in the field make using the CINCH much easier. The CINCH has proven itself to be a great labor-saver when blossom thinning stone fruits such as peaches, nectarines, plums, apricots, and cherry where removing excess bloom as early as possible in the spring can result in larger fruit at harvest time.



Miller **HOOK THINNER**---The developer of the "CINCH" has come up with a new invention which we have started to distribute. The "New Hook Thinner" as it is called at this time is an effective mechanical, chemical free thinning tool that attaches to most orbital, Sawsall-type, reciprocating saws. It thins larger fruit, well after blossom time, when growers who wish to wait to see what kind of crop is set before thinning. Efficient and economical. Made in the USA. Patent Pending. Reasonably priced in sets of 3 ranging in length from 9 to 18 inches. We also have them available separately and in an assortment of all 4 sizes for trail.

Miller **Y THINNER**---The developer of the "CINCH" has come up with another new invention which we have started to distribute. The "Y Thinner" as it is called at this time is an effective mechanical, chemical free thinning tool that attaches to most orbital, Sawsall-type, reciprocating saws. It thins larger fruit, well after blossom time, when growers who wish to wait to see what kind of crop is set before thinning. Efficient and economical. Made in the USA. Patent Pending. 15 inches long. Reasonably priced in sets of 3 or available separately.

Both the Miller Hook Thinner and Miller Y Thinner attach to most sawsall-type reciprocating tools. These tools come with a couple different types of attachment chucks. Milwaukee tool types require a rectangular "[]" shaped end connector. DeWalt tool types require a "O" circular shaped end connector. Please let us know which brand of tool you have and which type of connector you require.



Oliver Agro is a family owned equipment manufacturer and designer that specializes in labor-saving equipment for the horticultural industry. Oliver has designed many efficient machines for the fruit tree and rootstock nursery production industries. Machines such as their tree harvester, rootstock bed former, rootstock harvester, grapevine harvester, tree and rootstock transplanters, "PONY" high clearance tractor and multi-tool carrier can provide labor savings.



Oliver tree and grapevine/small fruit plant harvesters allow many fewer people to bare-root dig up to 20,000 or more trees/plants per day. Oliver diggers are custom made for each nursery. Oliver harvesters set the standard.



Oliver manufactures several models of transplanting machines uniquely suited to fruit tree rootstock and other nursery transplants. The innovative system utilizes a specialized and patented hydraulic powered wheel to both straighten and pack in the plants. The system can even be set to adjust the angles of the plants to varying slants if that is so desired. Special planting arms will also accept tissue culture plugs and provide them with the proper support when transplanting. Several large U.S. fruit tree nurseries are now using Oliver transplanters versus the ordinary American made designs.



Rotosark® is Oliver's innovative and world patented design for weed control and cultivation. It is uniquely suited to organic production systems, but can be used wherever weeds need to be controlled early on in the season. Three different styles of the Rotosark concept can be used in rows as close as 6" (15cm). The patented cultivators can work as close as half inch from the plants. Units can be designed to deal with drip tapes either buried or on the ground.



Each piece of Oliver equipment is specially designed for your specific production systems, so please feel free to tell us about your special needs. Machinery is also available for rootstock bedding and harvesting, fumigation, spraying, and other nursery operations as well as other horticultural applications.

**Please contact Matt Moser for further information at
info@graftingsystems.com**

**Toll Free 800-386-5600 Matt's Mobile Phone 269-921-6892
His goal is to "translate" your specific needs to Moira Signorini at Oliver.**

Her goal is to help you become much more efficient!

Dealer inquiries are welcome in the US and Canada.

OTHER SERVICES & IMPORTANT INFORMATION

Let us help set up your grafting program. We have aided large and small nurseries and growers. You may be a very experienced grafter, or a complete beginner, but there is a lot to learn about grafting. Hands on guidance is one of the best teachers.



Ian Adams, the inventor and developer of the Scionon grafting tools is truly a "Master Grafter". In New Zealand he has grafted and propagated many types of fruit, but mainly apple, grape and kiwi. He has run his own nursery in the past, but now he is predominantly contracted by many growers in New Zealand to graft over plantations from one variety to another. He has years of experience with many grafting techniques, and has invented a few new ones too. All this experience has helped him in the development of the Scionon grafting tool line. He loves to teach. If you have ever seen him at one of the Trade Shows, he is always demonstrating and passing on his knowledge. We may be able to get Ian Adams himself if the program is large enough to justify his travel.

If you want to learn more about the many grafting techniques as well as about how best to use your Scionon grafting tools, please let us know, we can plan to organize a Grafting University for your group or individually. Check with us for details. Email Matt at INFO@GraftingSystems.com

SCIONON® YouTube Channel



One of the best ways to learn how to use the Scionon tools and more about grafting is to go to the Scionon YouTube channel, <https://www.youtube.com/user/Scionondotcom>. There are over 70 videos made by Ian Adams, the Master Grafter and inventor of Scionon Grafting systems. He demonstrates Scionon GBU and Shears useage and the many kinds of cuts and grafts that they can make. He also has numerous videos of him grafting in the field using many methods. You are guaranteed to learn something!

BLADE & TOOL REFURBISHING

The Scionon tools are well built and will last a long time even in heavy usage. However, periodic maintenance is required for best results. Sharp blades make grafting easier. Blades will typically last for hundreds of cuts before needing a "touch up", and thousands of cuts before a more extensive re-sharpening may be required. There is typically about 2mm of blade edge that can be worked with before a blade is completely worn out and needs total replacement.



We realize that re-sharpening really blades is not always one of the jobs you wish to have to perform, so we offer a re-sharpening and refurbishing service for blades and tools. We have the proper wet stone grinding machine that allows us to properly put on new edges on blades that still have life left in them. We can often "save" blades which you feel may be just too worn out. Just ask us! The cost is very reasonable and much less than buying new blades.



GRAFTING SYSTEMS™--- Division of Moser Fruit Tree Sales, Inc.

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