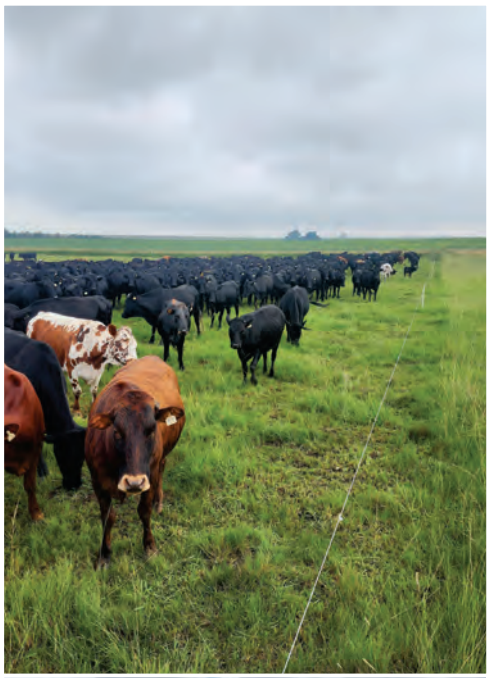
JVA

ELECTRIC FENCE SYSTEMS

PROFIT FROM PASTURE

A PRACTICAL GUIDE TO STRIP GRAZING

www.jvasecurity.com









FREQUENTLY ASKED QUESTIONS

1. What is Strip Grazing?

Strip Grazing, at times also referred to as *Controlled Grazing*, is a method of rotational, pasture grazing management whereby animals are given controlled access to a limited amount of pasture for a limited amount of time. The area allocated is usually in the shape of a long strip; hence the name, *Strip Grazing*. However the area may vary in shape.

2. What are the advantages of Strip Grazing?

- Reduced wastage as all fodder is consumed
- There is also reduced wastage from reduced trampling and soiling
- Animals will have access to fresh, clean uncontaminated pasture
- Grass can be grazed when it is short and most nutritious
- The denseness of the pasture will improve from the regular 'mowing'. Denser pasture, equals more grass with greater carrying capacity, leading to greater profit
- Keeping the grass short enables the inclusion of clovers
- Having clover in the pasture helps reduce fertilizer costs
- Excess pasture can be ensiled or left to make quality hay
- With the quick rotation, there is a reduction in disease as parasite life cycles are broken
- With back-fencing, regrowth is protected and root reserves are not depleted
- The dung is spread evenly across the land
- Concentrated hoof action tramples dung in and reduces soil compaction, promoting water ingression
- The lactating dairy cows can be given access to the fresh pasture, and then the pasture can be 'cleaned up' by the dry cows, heifers or even sheep

3. How does the electric fence work?

An electric fence can best be described as a *Psychological Fear Barrier*. It works on the principle of giving the animal a very short, sharp, painful, yet safe shock which is sufficiently memorable for the animal, having touched the fence once, to remember the experience and so avoid it in the future.

4. Will the electric fence affect my cows' milk production?

Electric fences have been used to control dairy cows for almost a hundred years and there are no reports of reduced milk production. In fact, because of the improved grazing management, resulting in increased carrying capacity, profits have always increased when electric fencing has been introduced.

5. Will I need to train my animals to respect electric fencing?

Yes. All animals need time and space to become accustomed to electric fences. Do not introduce new animals to electric fencing in a confined area. Animals need space to be able to back off when shocked and not be forced against the fence due to overcrowding.

6. Is electric fencing safe for my animals and labourers?

Yes, very safe, provided the energizer installed complies with the law and meets the strict IEC/SANS 60335-2-76 manufacturing standards and that the fence erected is compliant with the SANS 10222-3-2019 standard. It is therefore important that when purchasing an energizer, you ensure that it has a COC Certificate issued by a registered test laboratory.

7. Which energizer should I use?

The choice of energizer is dependent on a number of factors such as:

- Whether the system needs to be portable
- Whether there is mains power available
- What species of animal is to be controlled
- The age and sex of the species
- The length of fence line required
- The type of wire to be used
- Whether there will be competition from vegetation.

The choice of energizer is discussed in more detail on page 3 of this brochure.

8. How do I tell how powerful an energizer is?

An energizer's energy output is measured in Joules. The higher the Joule rating, the more powerful the energizer. There are two ways of representing this joule rating: as stored energy or as output energy. Stored energy gives a higher value than output energy, as some energy is lost as heat during discharge. It is important therefore, when comparing energizers, to make sure that you are comparing 'apples with apples', i.e. stored energy with stored energy, or output energy with output energy, or you may draw the wrong conclusions.

9. How many strands do I need to control my animals?

This will depend on the species of animal you intend to control, their age, and how often they are handled. A general rule of thumb is to position your live wire at nose or chest height to the animals to be controlled. For example, for cows and calves, one would need two wires, but for tame dairy cows only a single wire will usually suffice.

10. Can I strip graze other animals besides cattle?

Yes, people are successfully strip grazing horses, sheep, goats, alpacas, pigs and even in some extreme cases, geese. Basically, if you understand and apply the basic principles of electric fencing, illustrated on page 1, you can control and strip graze virtually any animal.

11. Having chosen an energizer, what is the next most important thing I should consider?

Earthing – without a doubt, earthing. You can choose the most powerful energizer available, but if it is badly earthed, you will not reap the full benefits of electric fencing and strip grazing.

On short portable fences on irrigated pasture, earthing can be quite easy but if you are installing longer fence lines in dry conditions, you need to pay particular attention to your fence configuration and your earth system.

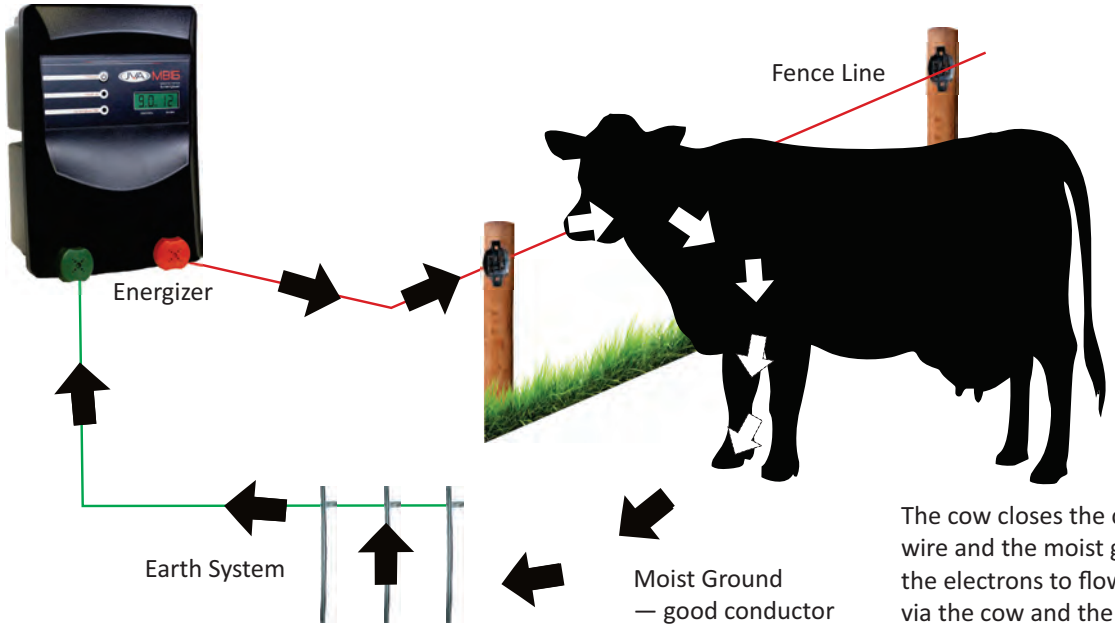
BASIC CIRCUITS OF AN ELECTRIC FENCE SYSTEM

An electric fence system comprises of three components: the energizer, the fence line, and the earthing system. When the three are connected together, a circuit is created and the electrons can now flow. If any one of these components is faulty, the whole system will be faulty.

When an animal touches the live wire, it closes the circuit, providing a path through which electrons can flow from the red, positive terminal of the energizer, through the animal, to the green, negative terminal of the energizer. It is this flow of electrons through the animal which gives the shock that the animal experiences.

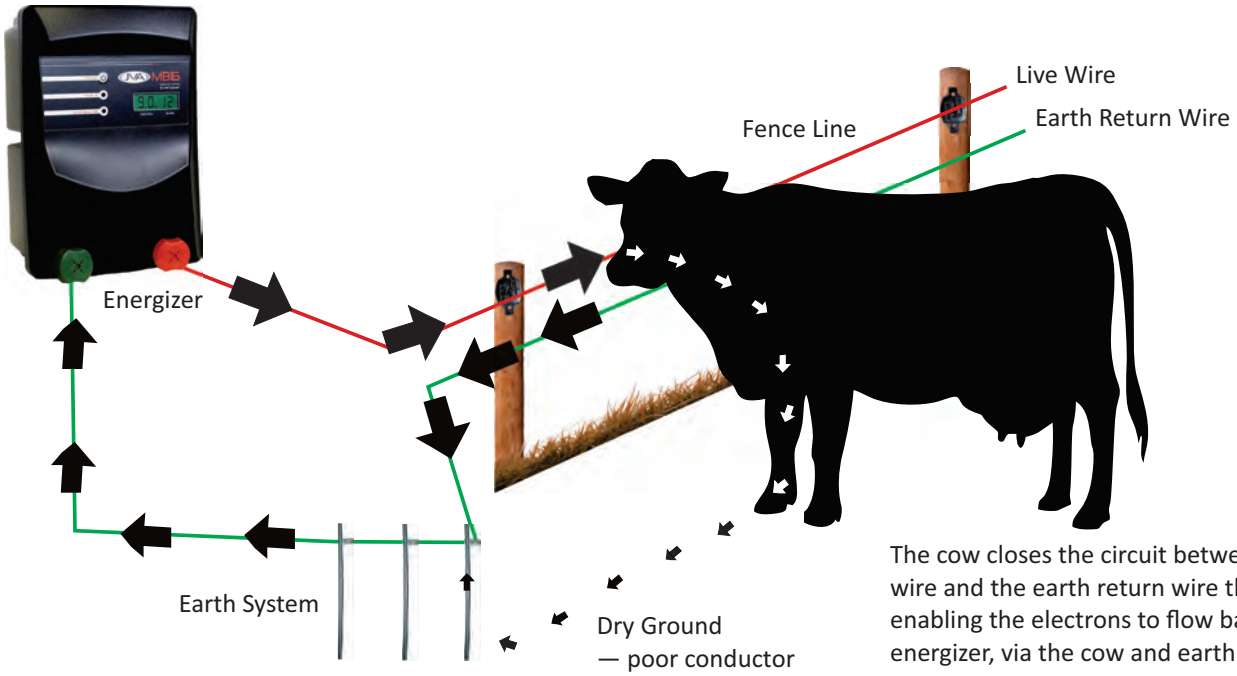
There are two types of electric fence circuits: one is for moist ground conditions and one is for dry ground conditions. The reason for this is that moist ground is a good conductor of electrons, while dry ground is not. So, dry ground cannot be relied upon to close the circuit satisfactorily.

Circuit for Moist Ground Conditions — All-Live-Wire Configuration



The cow closes the circuit between the live wire and the moist ground thereby enabling the electrons to flow back to the energizer, via the cow and the moist ground.

Circuit for Dry Ground conditions — Alternate Live / Earth Wire Configuration



The cow closes the circuit between the live wire and the earth return wire thereby enabling the electrons to flow back to the energizer, via the cow and earth return wire.

CHOOSING AN ENERGIZER

Factors that will influence the choice of energizer for a particular application are covered in question 7 on page 1 of this brochure. The table below illustrates suggested energizer choices to fulfil some specific applications.

Remember: The effectiveness of the energizer selected will be influenced by the quality of the fence installation and the quality of the earth grid.

	Type of Wire used					Animals to be controlled				
Energizer	200m Poliwire Politape	500m Poliwire	400m Politape	Braided 500m / 1km	HSS Gal. 2.24mm 1-8km	Dairy Cows	Beef Cattle	Sheep or Goats	Horses	Pigs
JVA PET100	✓					✓			✓	
JVA SV2	✓					✓			✓	
JVA SV5	✓	✓				✓	✓		✓	
JVA SV10	✓	✓	✓			✓	✓		✓	✓
JVA MB1.5	✓	✓	✓	✓		✓	✓		✓	✓
JVA MB3		✓	✓	✓		✓	✓	✓	✓	✓
JVA MB4.5		✓	✓	✓		✓	✓	✓	✓	✓
JVA MB8				✓	✓	✓	✓	✓		✓
JVA MB12				✓	✓	✓	✓	✓		✓
JVA MB16				✓	✓	✓	✓	✓		✓

TIPS FOR STRIP GRAZING

- Try to position your energizer at the centre of a large controlled grazing layout. This will reduce the load on the energizer and so it will be able to power further.
- Remember the rule of thumb and position the live wire of the fence at nose or shoulder height to the animals you wish to control. Also remember that all animals need to be trained to respect electric fences.
- Do not rush them, do not crowd them. Let them find out that the fence is hostile in their own time.
- With difficult to control animals, or animals that might have lost their respect for electric fencing, pad-wipe the fence wire with diluted molasses to entice the animals to sniff the live wire. They'll soon relearn.
- When cows are on young pasture with a high moisture content, they may scour (runny tummy), so it is advisable to let them have access to some good quality hay to increase the fibre content of their diet.
- On young pasturage, especially if there is clover incorporated within the pasture, keep an eye open for bloat. Have some Bloat Guard Drench and a Trocar available for emergencies.
- Poliwire products have a very high resistance which limits the distance one can achieve with this product.
- When winding up the poliwire of a strip grazing electric fence, first remove the wire from the insulators. This will prevent the 'cheese cutting effect of the steel braids on the insulators and thus prolong their lifespan.
- Then walk across the pasture winding up your poliwire as you go along. Standing in one place and winding often results in the wire snagging in the grass and jerking to release it will weaken the poliwire.
- Always back-fence when strip grazing to prevent the animals from grazing the regrowth and thus preserve root reserves.
- Graze your pasture at the right stage of its growth cycle. Rank pasture is high in fiber and is therefore less nutritious. If you find the grass is getting away from you, rather start the grazing cycle again and make hay or silage with the grass that was in danger of becoming rank.
- Clean up the pasture that has been grazed by the milking herd by following up with dry cows or heifers. The pasture needs to be grazed off evenly for best results. Once grazed off, move the followers on quickly so as to prevent any grazing on it. Do not forget the importance of good earthing, especially on larger controlled grazing systems

JVA Mains/Battery High Power LCD Energizers

The NEW JVA High Power LCD (Liquid Crystel Display Screen) IP Energizers® are available in various models. The MB "XXL" is available in 32 and 24 Joules outputs and in one- and two-zone fence models. The MB "XL" Energizers are available in 16, 12 and 8 Joule outputs. The JVA IP Energizers® can be controlled from anywhere in the world using your mobile phone App.

All the units are ready to go out the box and can be paired to the JVA remote for added "from the fence" arming and disarming. Factory default settings can be changed through the use of the Virtual Keypad programming ability from a smart phone. All units can communicate through Wi-Fi to the JVA Cloud Router. Cloud router allows multiple energizers and sites to be monitored and controlled from one platform from anywhere in the world.

JPTE2440

JPTE2441

JVA LCD Energizer Range Features:

- Mains powered 110V/240V or
- Battery powered 12V/25V
- High Joule Power on demand
- JVA Remote Compatible
- IP Energizer Cloud Management
- Free Cloud Router APP - no monthly charges
- LCD showing KV, Battery Voltage, Amperage and Stored Energy in Joules
- Auto-Sync TM safety technology
- Solar capability
- Smooth Pulse Wave shape
- Overload indication (Audible and Visible)
- Lightning protection
- Reverse battery protection
- Self-resetting fuse
- Low battery indication
- Over discharge battery protection
- Battery life maximization
- Battery voltage measurement
- Ant and Moisture protection
- UV Stable enclosure
- Audible alarm
- Bi-Polar output
- 3-year Warranty

JPTE2442

Virtual Keypad Programming via Smart Device when in proximity to the MB LCD Energizer

JPTE2443

	MB 25 SINGLE	MB 25 DUAL	MB 32 SINGLE	MB 32 DUAL
Stored Joules	35J	2x17.5J	46J	2x23J
Energy Output	24J	2x12J	32J	2x16J
Power Consumption at 13.5dc	2.5A	2.5A	3.6A	3.6A

JVA LCD Range

JVA8

JVA12

JPTE2160B

Cloud Router APP

	MB8	MB12	MB16
Stored Joules	11J	16J	22J
Energy Output	8J	12J	16J
Power Consumption at 12.5Vdc	0.9 A	1.25 A	1.6 A

JVA MB Mid-Range Battery and Mains LED Energizers

The MB1.5, MB3 and MB4.5 Electric Fence Energizers deliver between 1.5 and 4.5 Joules output energy per pulse. Their innovative design means you can have versatile portable power from a 12V battery when needed, or run it from 240Vac mains electricity where that is available. Optional JVA Solar Kits and external batteries are available.

	MB1.5	MB3	MB4.5
Stored Joules	2J	4J	6J
Energy Output	1.5J	3J	4.5J
Power Consumption at 12.5Vdc	0.15A	0.3A	0.5A

LCD Display

- Larger screen display
- Battery voltage
- Joules output
- Voltage on fence

JVA LCD Solar Energizers

JVA offers a range of Solar Powered, Electric Fence Energizers which are ready to operate straight out of the box! A reliable built-in rechargeable battery and integrated solar panel means JVA Solar Energizers are totally portable, with no need for extra batteries and hardware. Just slide the energizer onto a support post, attach to the fence and switch it on.

JPTE2161

JPTE2166

JPTE2164

JVA Solar Energizer Features:

- Quality crystalline solar panel and internal battery
- Front panel On/Off switch and LED pulse indicator
- Low Battery indication
- Large easy to use fence terminals
- Easy mounting on top of a Y-standard or U-bolt to a pole
- Sealed for ant and moisture protection
- On the SV5 up to the SV50 a LCD shows fence voltage, stored energy and battery voltage
- Auto-Sync technology for safer fences
- Internal lithium battery included.

	SV2	SV5	SV10	SV20	SV30	SV50
Stored Joules	145mJ	650mJ	1.1J	2.9J	4.2J	6J
Energy Output	120mJ	500mJ	0.8J	2.4J	3.3J	5.2J

JVA PET ENERGIZERS

JVA Solar Energizer Stand Fin

The JVA Solar Fin Stand is light and compact. This full-length stand can be unscrewed in the middle, making the two shorter parts easier to store and carry and ship with Pet Solar Kits. It keeps the energizer off the ground but can also keep it low and hidden from prying eyes.

The fin acts as a foot plate and anchor when pushed into the ground but also, with its extra area, makes a nice earth stake with plate for short distance strip grazing and pet fences.

JMHM030

JVA Pet Kit

The JVA Pet kit has the option of being supplied with the JVA Pet 100 Energizer or the SV2 Solar Energizer. The Pet100 energizer has the option of being mains or battery powered. The SV2 gives you off the grid solar charging and the versatility of having your energizer positioned anywhere on the fence line and no need for a 220V power source. For larger dogs and longer distances, pet electric fence kits can be made up by using strip grazing accessories and energizers.

JVA Pet Kit includes:

- 1 x Energizer
- 8 x Fibreglass Poles (8 x 850mm)
- 1 x Fence Wire (100m)
- 1 x Earth Stake
- 1 x Warning Sign
- 24 x Springs
- 6 x 10mm Ferrules
- 10m HT Soft Cable.

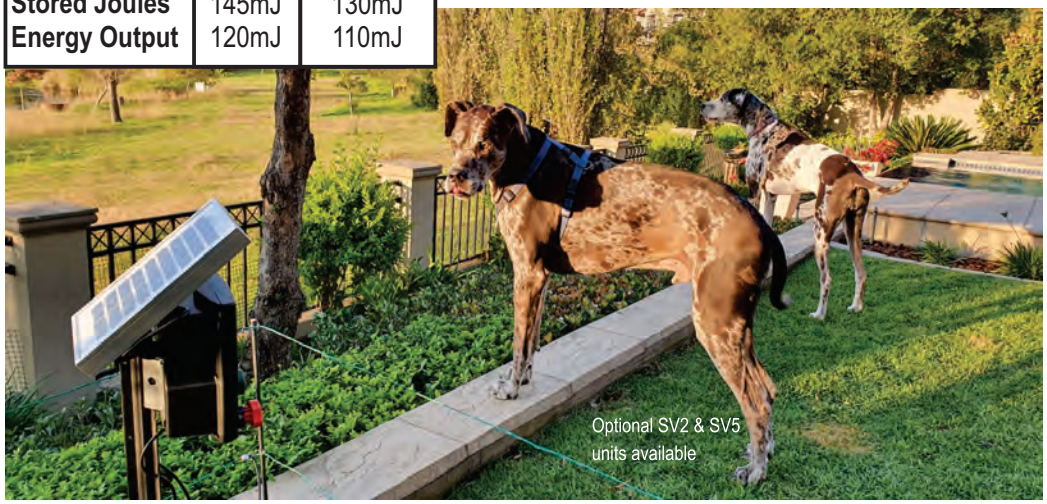
PET100 KIT_JVAPETKIT
PET KIT WITH SV2_JVAPETSOLAR

JPTE2234

JVAPET

	SV2	PET100
Stored Joules	145mJ	130mJ
Energy Output	120mJ	110mJ

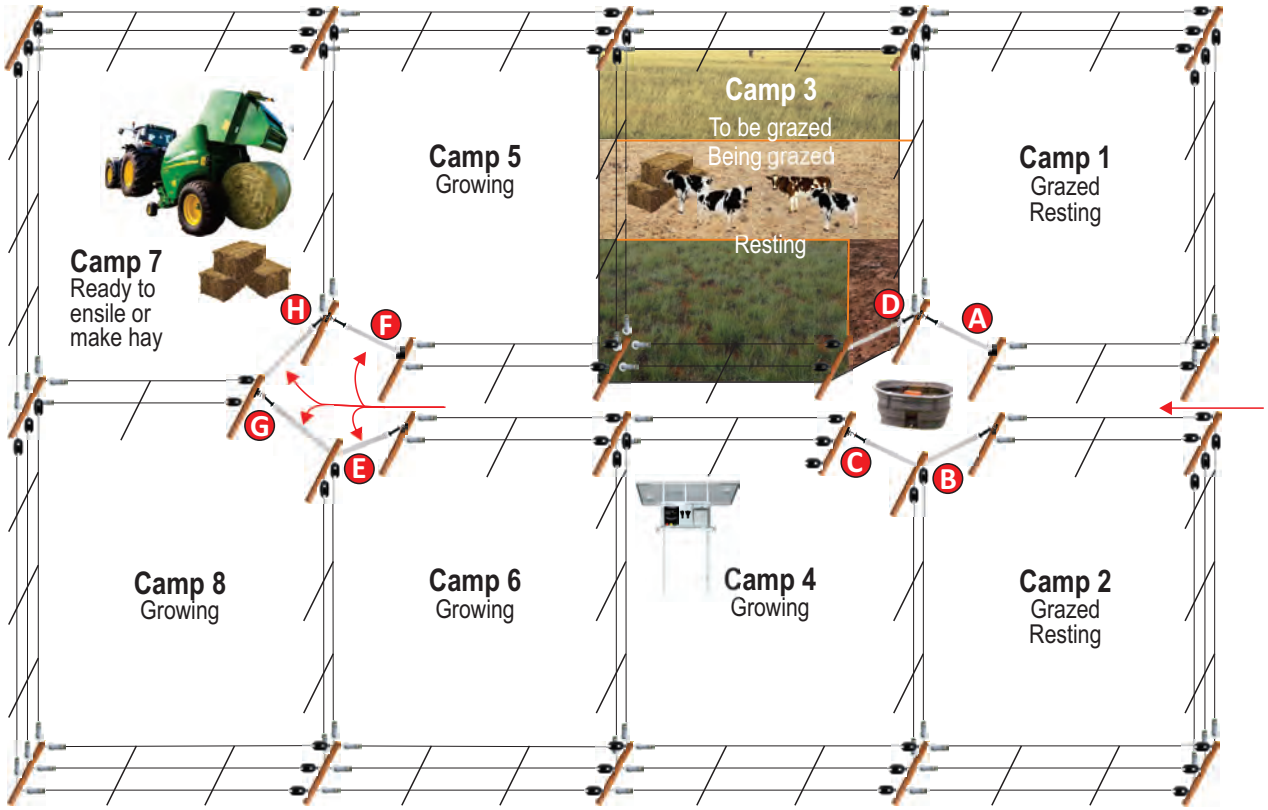
Note: *Sufficient for 30m of 3-strand fence JVA PET100 complies with SANS 60335 – 76 standards*



Optional SV2 & SV5 units available

CONTROLLED STRIP GRAZING LAYOUT

Layout Explanation: The area to be controlled/strip grazed is ring-fenced with a 3-strand permanent electric fence, or if already fenced with a conventional fence, an off-set wire can be attached to this fence. Internal camps are fenced with 2 strands of permanent electric fence. The area to be strip grazed can then use a single strand of portable poliwire fencing which simply taps off the subdividing electric fences. The whole system can be powered by a single high-powered JVA MB16, located in the centre of the layout. Gate ways are spanned using spring/tape gates (A-H) for flexibility. Water troughs can be located in the centre walkway. Controlled grazing principles do not apply only to expensive planted irrigated pastures, but can and should be applied to the grazing management of natural veld as well. Below are examples of high-density, quick rotation, grazing on natural pasturage (veld).



An evenly, well grazed, natural pasture (veld)
Note: *No unpalatable tufts left*

A camp recovering during the rest period
Note: *Thickening of the tufts and better coverage*

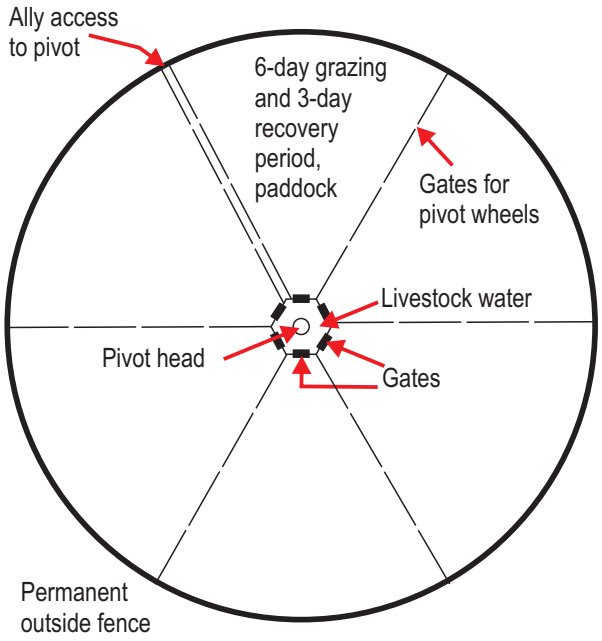
Sheep and cattle being intensively grazed in semi-desert conditions (Karoo/South Africa)
Note: *(UHDQGS) Ultra High-Density Quick Grazing System*

Animals ready to be moved onto ungrazed pasture
Note: *Heavily grazed background & after a two-year rest period, the lush growth in the foreground in this very dry area*

CONTROLLED STRIP GRAZING LAYOUT

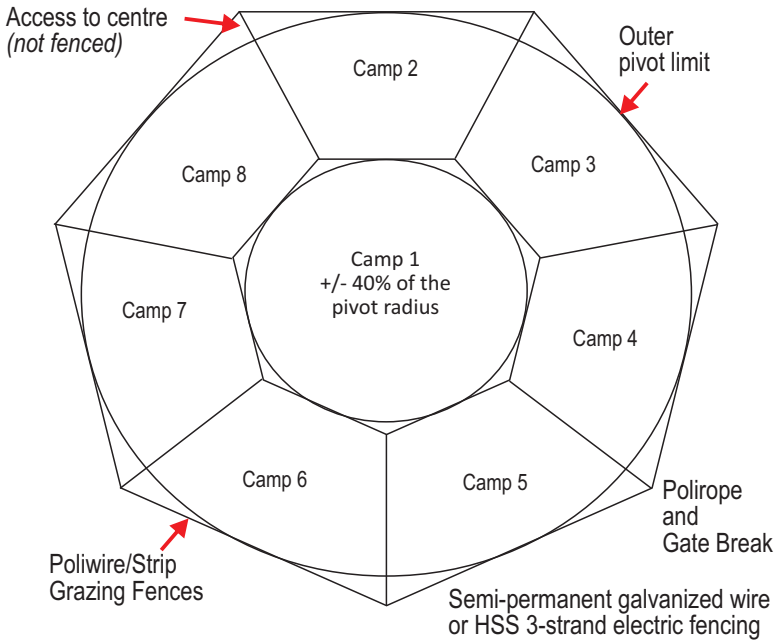
Center Pivot Layouts

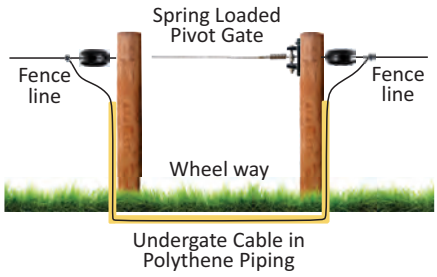
Wagon Wheel Layout



Eight Camp Centre Pivot Layout

Acknowledgement: C.I. MacDonald (Cedara Agricultural College)





'Waste' land utilized for:
1) Licks and water troughs
2) Dry loafing area for livestock

Note:

a) Camp 1 is larger than camps 2-8 (due to hub of pivot)
b) For practical purposes, all camps are the same size
c) Each camp can be further divided by means of Poliwire fences.

Strip Grazing Tips

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- Do not forget the importance of good earthing, especially on larger controlled grazing systems.

STRIP GRAZING ACCESSORIES

Ultra Heavy Duty JVA Geared Value Reels

The heavy duty galvanized steel frame structure with glass fibre reinforced nylon bobbin makes this reel tough for the hardest conditions. Available in 1:3 geared ratio. (One rotation of the handle gives three rotations of the spool.)

Ultra Heavy Duty Value Reel

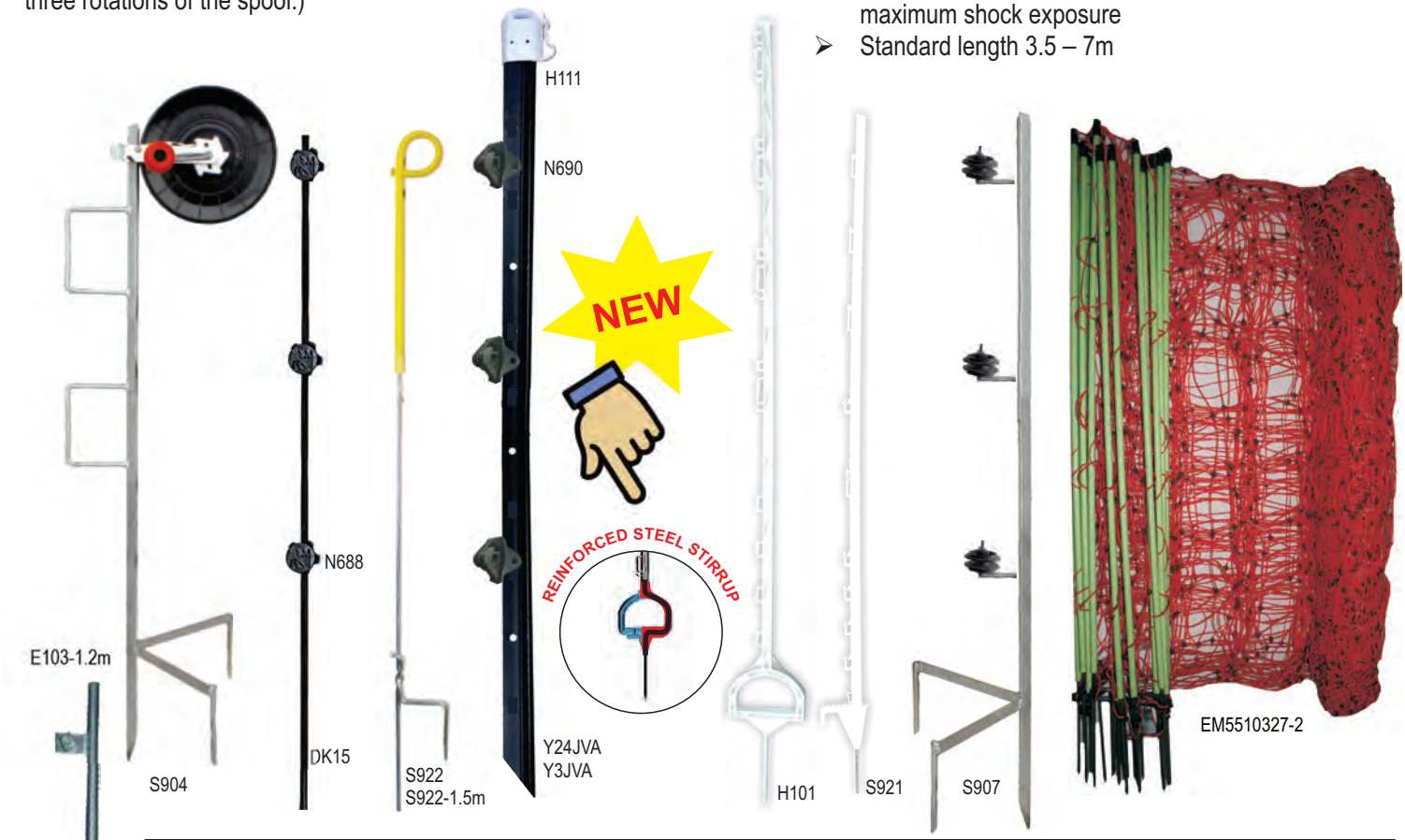
The heavy duty galvanized steel frame structure with glass fibre reinforced nylon bobbin makes this reel tough for the hardest conditions 1:1 ratio

Spring Gate Kit

Tape Gate Kit

Bungy Cord Gate Kit

- Consists of multi-stranded latex core and UV resistant sheath, for easy, quick assembly of electric gates
- 4 stainless steel wires for maximum conductivity
- Wires cross over ten times per centimetre for maximum shock exposure
- Standard length 3.5 – 7m



CODE	DESCRIPTION	HEIGHT
E103 - 1.2m	Earth Stake Galvanized Reinforced Bar	1.2m
S904	Galvanized Reel Stand with chain can support 1 – 3 reels	1.2m / 1.5m
Dk15	Ridgeback Dropper	1.5m
S922/S922-1.5	Pigtail Tread-In — 6mm galv spring steel with strong crimp foot	1.2m / 1.5m
Y24JVA/Y3JVA	JVA Y-Standard	2.4m /3m
H101	HD Tread-In — sturdy stirrup foot design with fittings for tape and Poliwire	1.5m
S921	Tread-In with fittings for Poliwire, Polirope and Politape	1.2m / 0.9m
S921-900mm-H	Tread-In with fittings for Poliwire, Polirope and Politape — sturdy stirrup foot design	0.9m
S907	Galvanized Camp Temporary Corner Post	1.2m / 1.5m
EM5510339-2	Euronet Electric Fence Netting for Poultry, 112cm on a 50m roll	112cm
EM5510327-2	Euronet Electric Fence Netting for Sheep, 90cm on a 50m roll	90cm
EM110600	Euronet Electric Fence Netting for Sheep, 106cm on a 50m roll	106cm

STRIP GRAZING ACCESSORIES

Centre Pivot Gate
Allows free movement of centre pivot wheels through electrified fence camps

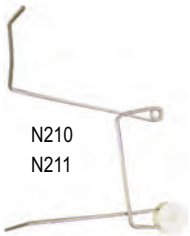
1- and 3-Way Activator Plate
Used in conjunction with end/corner strain and gate handle, to complete the current when the gate handle is connected

JVA Corner Tape Strain Insulator
- This robust, unique, versatile, easy-to-install, multi-faceted strainer/corner insulator can be nailed or stapled to a wooden strainer post or pop-riveted onto a metal strainer post
- It has 3-way straining capabilities and is ideal for corners and angles

HT Cable – Hard
Available in: 50m
100m, 200m and 1000m

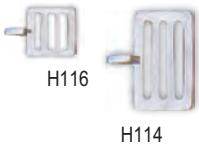
Jumbo Strain
Used for long strains

Single Offset
Available in: 225mm, 350mm and 450mm



Double Offset
Available in: 225mm and 350mm

Heavy Duty Compression Gate Break Handle
- Strong robust body
- Positive non-slip grip
- High tensile, heavy-duty spring compresses under tension, preventing over stretching
- Fully galvanized



Double Pinlock
Used with y-standards

Lockable Cut-Out Switch
A handy fence tool allowing the section of fence to be switched off for maintenance or fault finding

Nail-On
Used for droppers or wooden posts

JVA Claw Pinlock
Used for JVA y-standards

12mm or 40mm Tape Buckle
Used to attach tape to strainer insulator and in electric tape gates

Wide Clip Nail-On
Suitable for 8mm Polirope and 12mm Tape

Combi Tensioner
Hot-dipped galvanized

Samson Maxi-P
Used to tension via the large 10mm diameter hole poliwire, politape or polirope

Screw-On Insulator
Can be attached at any point along a dropper to support an electric wire

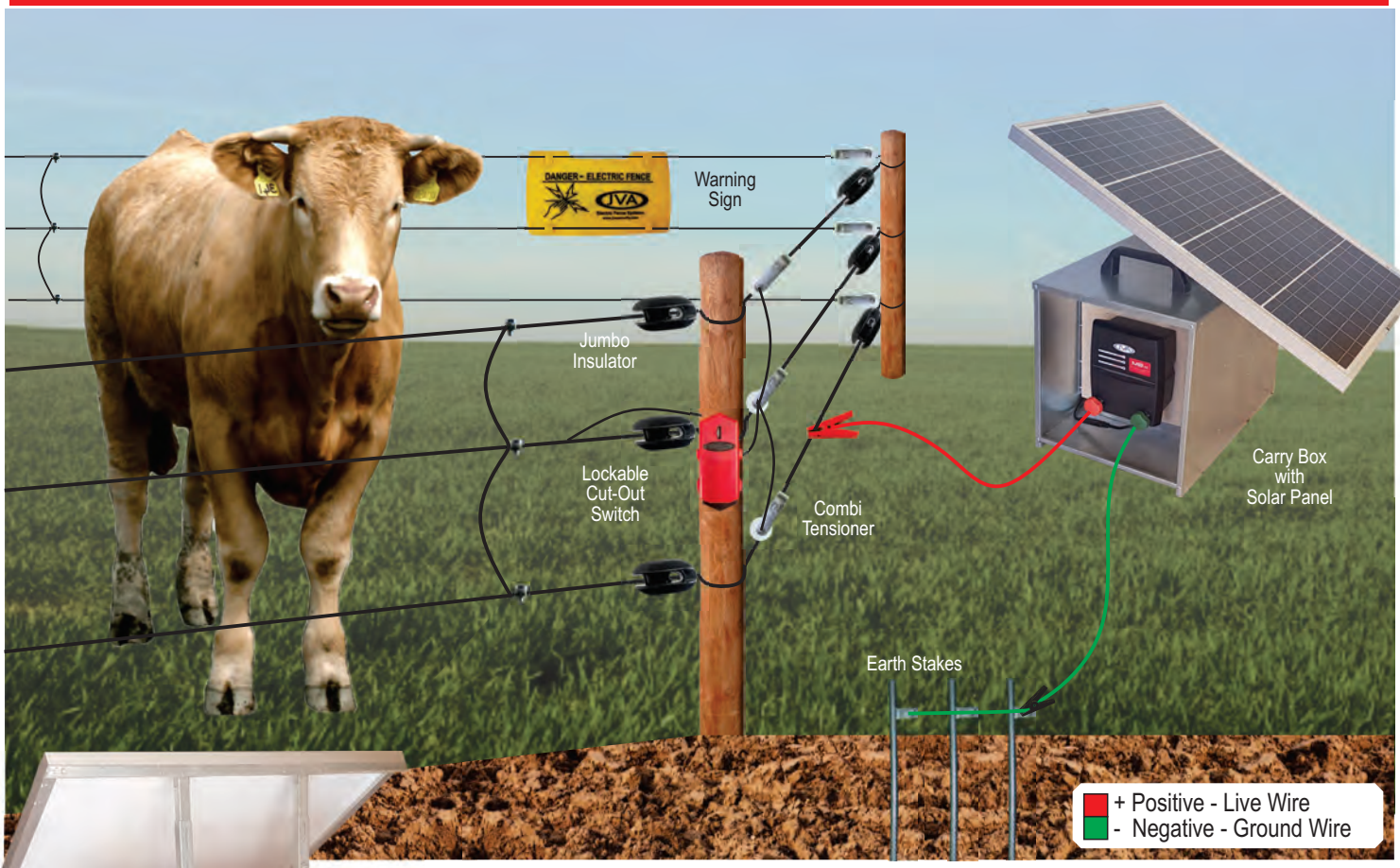
Spring Gates
Available in Galvanized Steel or Powder-Coated White. Used for 3,5m cattle or horse gates

Value Reel and Stand
- The galvanized value reel holder can be attached to a stand
- Ideal for temporary and movable horse camps
- The reel holds 100m/200m of 40mm/12mm tape or 500m of poliwire
- The reel has a ratchet for superior tension control

JVA Ezi-Hook Handle
- Use as a live hook OR an insulated hook in temporary electric fencing OR as a gate break
- Designed to wind easily back through pigtails

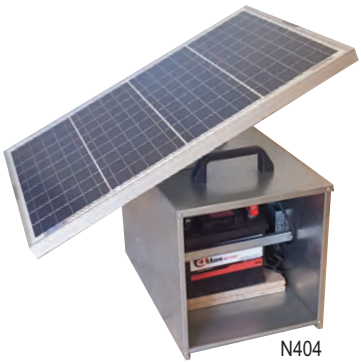
Ridgeback Dropper
The Ridgeback Dropper is a light, vertical stave in a fence, used to separate the wires of a wire fence.

STRIP GRAZING ACCESSORIES



Shock Box with Top Solar Bracket

A large permanent 'live' Energizer Station with space for an MBXL Energizer and up to, 2 x 100 AH batteries



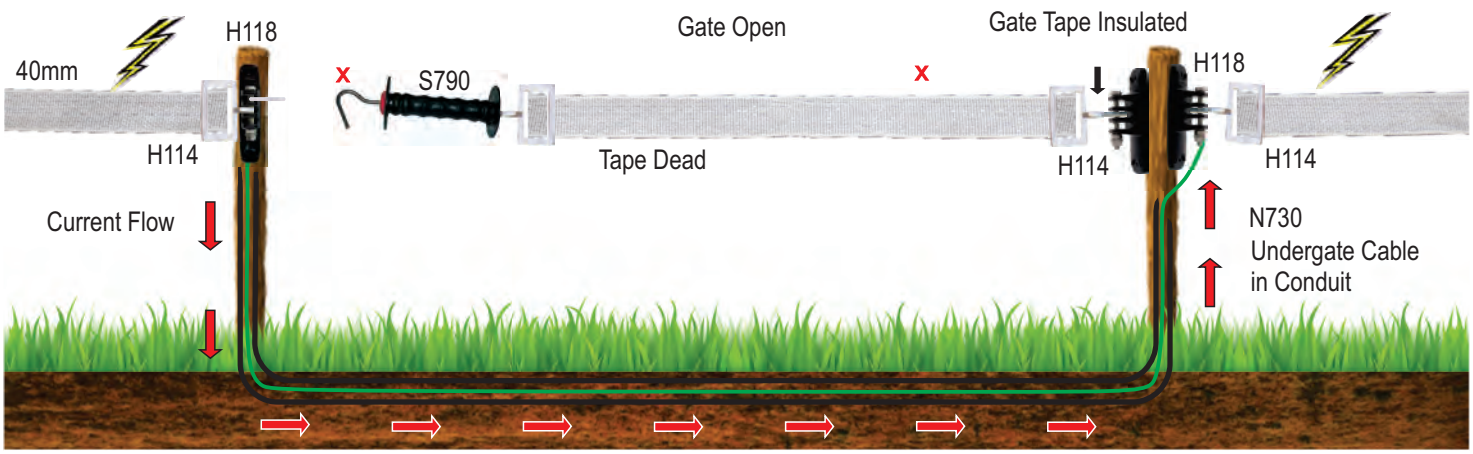
Carry Box with Adjustable Bracket for Solar Panel

The Galvanized Carry Box (N406) with the option of adjustable solar mounting (N404), offers a quick and easy setup in the field for temporary fences. The MB Energizer and Battery (up to 50 Amp Hours) is protected from the elements, but still easy to access and transport.

Lead Joiner

Ready made 1m Crocodile Lead Sets for easy connections

Tape Gate



STRIP GRAZING WIRE

The choice of energizer and wire is a balance between usability, strength, resistance, and cost. The more powerful energizers (higher joules) power further distances, are physically larger, less portable, and more costly. Lower wire resistance allows the energizer to power further but typically requires softer compound wire and increased cost. Many farmers treat poliwire as a consumable item, replacing it every few years. We can assist with designing and matching products to your specific requirements.

Poliwire

S911O

S911W

An economical choice for temporary and visible fencing, featuring: 6 stainless steel conductors and UV-stabilized yarns twisted together. Available in white or orange, in 200m or 500m rolls. Resistance: 4000 Ohms/km

Ultra Poliwire

SU9400R

A visible, 9-conductor, low-resistance, UV-stabilized 2.5mm wire. Portable, durable, and ideal for long-distance temporary paddock fencing. Available in 400m rolls. Resistance: 180 Ohms/km.

Polibraid (black and white)

S915PB

A strong, durable 2.5mm braided polymer with 9 stainless steel strands. Suitable for more permanent or demanding applications. Ideal for intensive strip grazing with reels. Available in 400m rolls. Resistance: 5000 Ohms/km.

Ultra Polibraid (red and white)

S915PU

A stronger, more durable 2.5mm braid combining 6 stainless steel strands with 3 tin-coated copper strands. Offers improved conductivity for long distances. Suitable for permanent or high-demand applications. Available in 400m rolls. Resistance: 180 Ohms/km.

12mm Politape (200m Rolls)

S216O

S216W

Ideal for temporary camp subdivision. Suitable for use as a second strand on a permanent 40mm tape fence. Resistance 4000 Ohms/km.

N735-8KG

N735-5KG

N738

Braided Wire

High tensile, low resistance: available in 1.2mm, 1.5mm and 2mm Galvanized. Resistance of 135 Ohms/km.

High Strain Steel Wire

Full range available in Double Galv. Steel
2.24mm 50kg 1650m
Resistance of 30 Ohms/km.
2.00mm 50kg 2000m

10mm Gate Polirope

Made from eight standard Poliwire strands braided into a strong, highly visible rope with a 10mm outer diameter.

Can easily be looped back into itself (similar to a ski rope), allowing for strong, visible cattle gates without the need for joiners or clamps.

Simply loop around the gate handle or Jumbo Strain and thread the rope back through itself. Available in 100m rolls in white and orange.

S914WR

S914OR

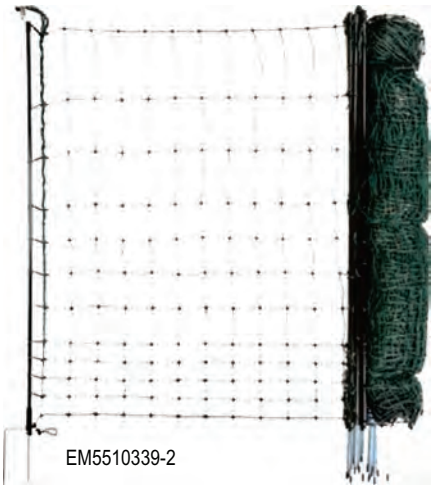
S219

6mm and 8mm Polirope (200m Rolls)

Suitable for a second strand on 40mm tape fences. Also ideal for making electric gates.

Poultry Netting

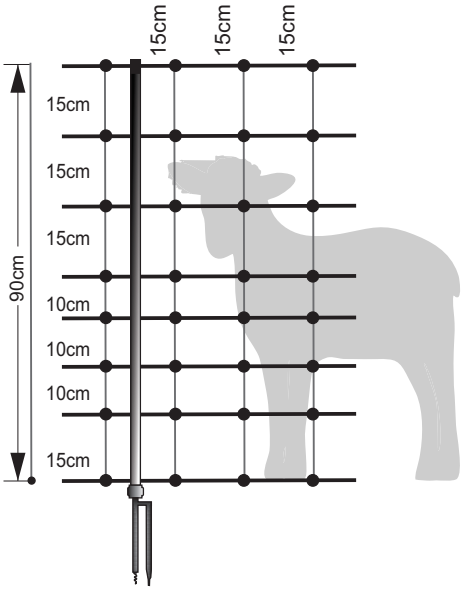
- Ideal tool to safely house your flock overnight, keeping them protected from jackals and improving pasture management
- Electrifiable (with an additional energizer) or non-electrifiable (use the netting as supplied)
- Available in 50m rolls with 14 posts, 7.5cm or 15cm vertical spacing, and a height of 112cm
- Suitable for poultry and other small animals
- High stability due to robust double prongs
- Easy and fast assembly
- Ideal for gardens and pastures
- Posts are very stable and fitted at the bottom with galvanized, double-spiked tread-ins
- Poultry netting is available in green only

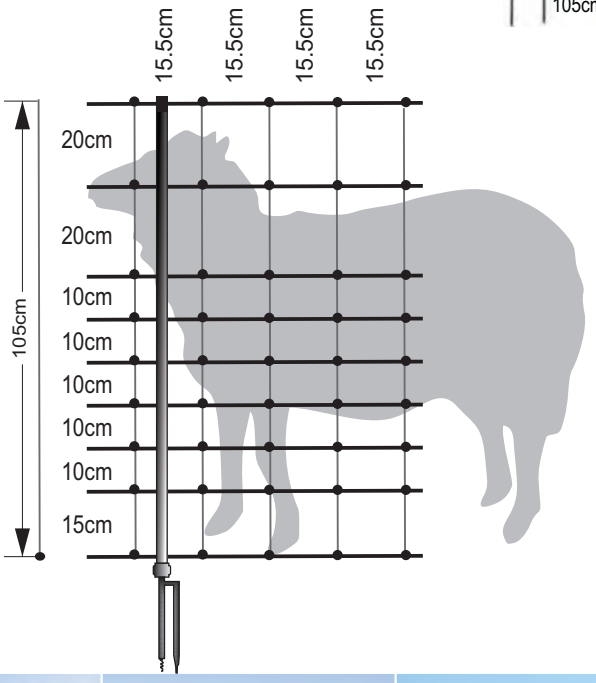

EM5510339-2

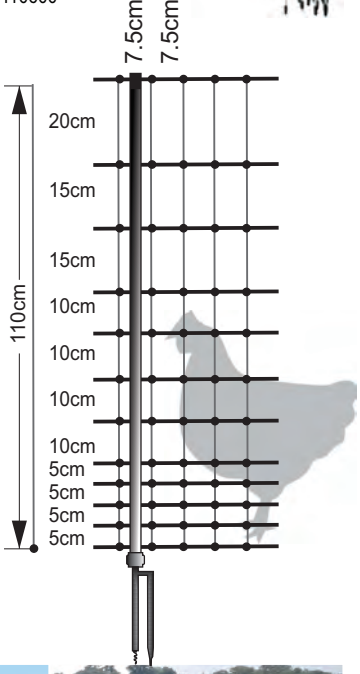
Sheep Netting

- Ideal tool to safely manage your flock overnight, protecting them from predators and improving pasture rotation
- Good conductivity and extremely durable
- Available in 50m rolls with 14 PVC posts, in heights of 90cm or 105cm
- Rust-free materials ensure high resistance and longevity
- Suitable for sheep and goats
- High stability thanks to robust double prongs
- Ideal for gardens and pastures
- Posts are very stable and fitted at the bottom with galvanized, double-spiked tread-ins
- Sheep netting is available in orange (90cm) and black (105cm)

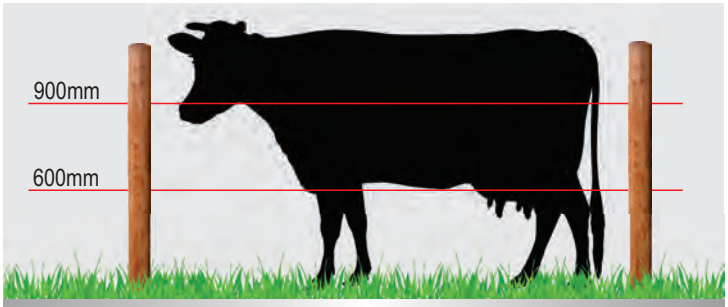

90cm_EM5510327-2
105cm_EM110600



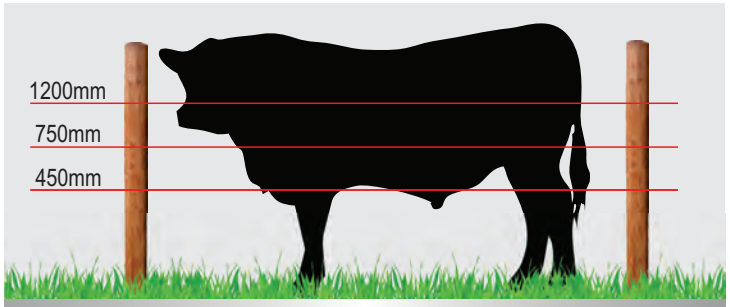




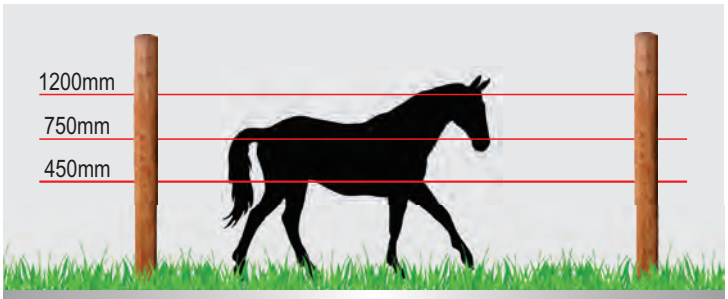
ELECTRIC FENCING HEIGHTS AND WIRE SPACING – AGRICULTURE



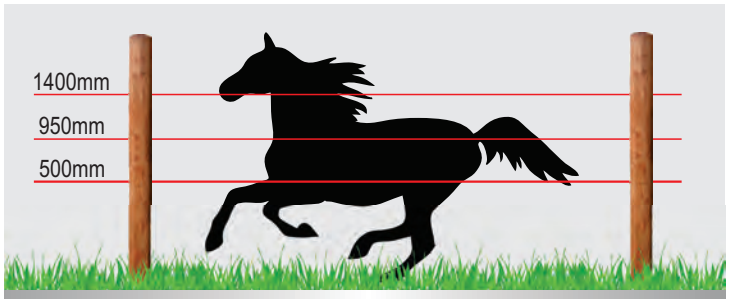
Dairy cows 1 to 2 wires



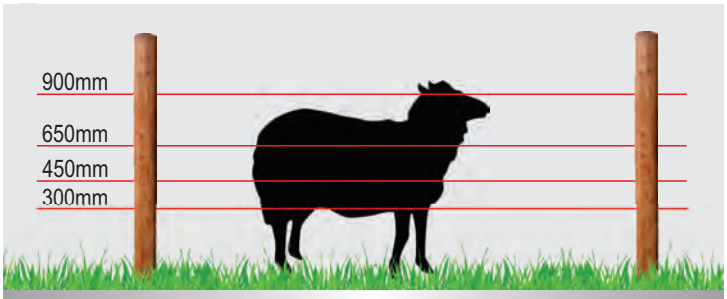
Cows 2 to 3 wires



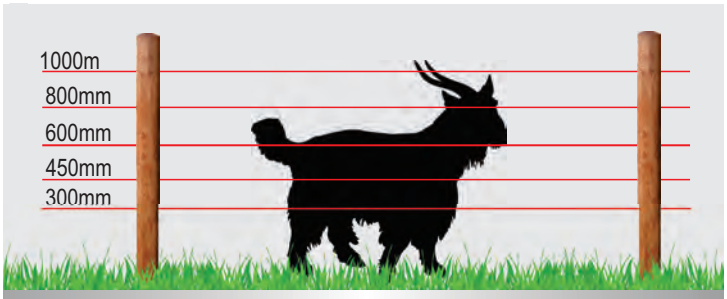
Small horses 2 to 3 wires



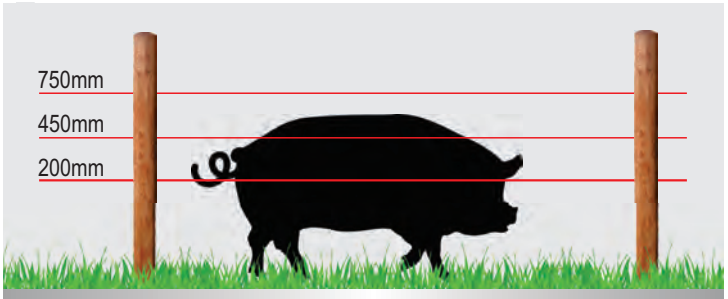
Large horses 2 to 3 wires



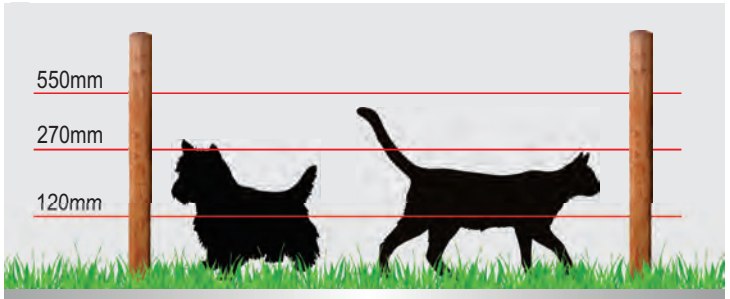
Sheep 2 to 4 wires



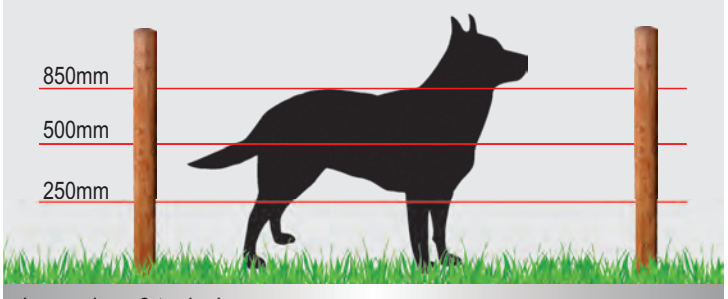
Goats 4 to 6 wires



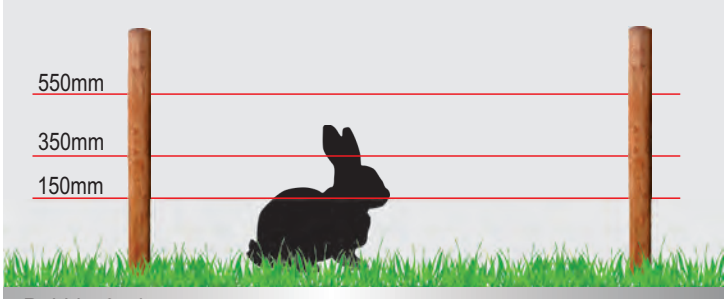
Pigs 2 to 3 wires



Small dogs and cats 3 to 6 wires



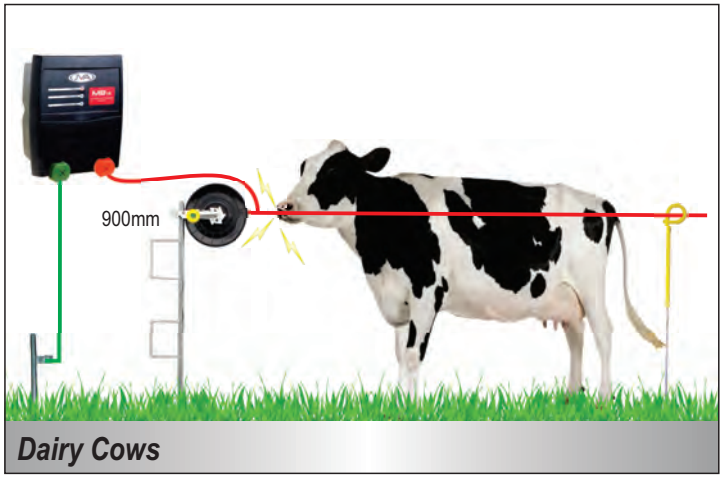
Large dogs 2 to 4 wires



Rabbits 3 wires

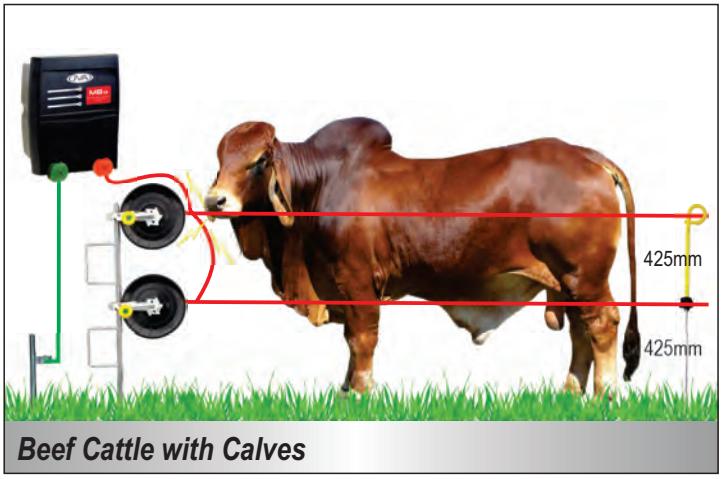
BASIC STRIP GRAZING KITS

To calculate a 500m kit use the red quantities and product descriptions in the table below.



Dairy Cows

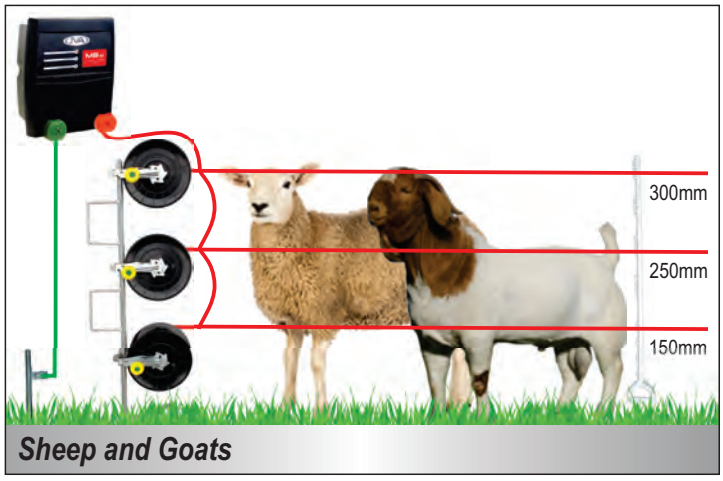
QTY	Product	Unit Price	200m	500m
1	Energizer			
1	Value Reel			
1	Poliwire 200m			
1	Poliwire 500m			
20/50	Pigtail Tread-In			
1	Reel Stand			
1	Battery			
	TOTAL			



Beef Cattle with Calves

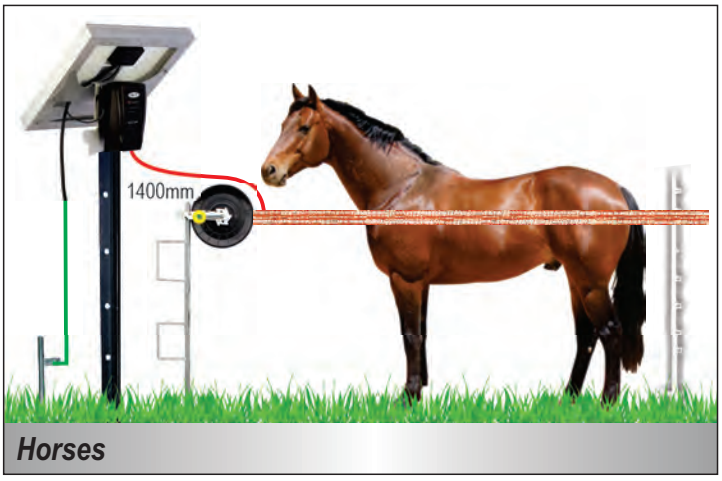
QTY	Product	Unit Price	200m	500m
1	Energizer			
2	Value Reel			
2	Poliwire 200m			
2	Poliwire 500m			
20/50	Pigtail Tread-In			
1	Reel Stand			
1	Battery			
20/50	Screw-on Ins.			
	TOTAL			

To calculate a 500m kit use the red quantities and product descriptions. For 400m tape see below.



Sheep and Goats

QTY	Product	Unit Price	200m	500m
1	Energizer			
3	Value Reel			
3	Poliwire 200m			
3	Poliwire 500m			
20/50	Multi Tread-In			
1	Reel Stand			
1	Battery			
	TOTAL			



Horses

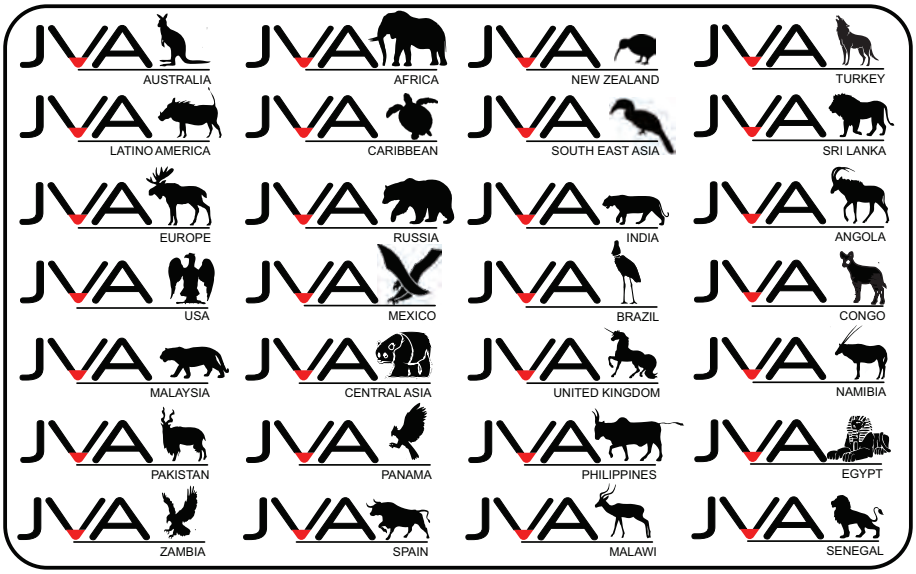
QTY	Product	Unit Price	200m	400m
1	Energizer			
1	Value Reel			
1/2	Horse Tape 200m x 40mm			
1/2	Politape 200m x 12mm			
33/66	Horse Tread-In			
1	Reel Stand			
1	Battery			
	TOTAL			

NB: All animals need to be trained to respect an electric fence. Introduce them quietly and calmly. Do not rush them. Let them learn at their own pace that their new perimeter is hostile and can bite!

We hope that this brochure has been of assistance to you and for more detailed information on grazing management and costings please go to www.jvasecurity.com

ELECTRIC FENCE SYSTEMS

STRIP GRAZING
ELECTRIC FENCING PRODUCTS



JVA electronic products are proudly designed and manufactured in Australia

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