

Southwest Agriculture Supplies

Electric Fencing Selection Guide



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Agriculture
Supplies**

Energizer	Range (miles)	Range (acres)	Remote Capable	Input Voltage (V)	Battery	Solar Compatible	Maximum Output Energy (J)	Maximum Stored Energy (J)	No Load Voltage (V)	Load Voltage @ 500 Ohm (V)	Load Voltage @ 2000 Ohm (V)	Current Consumption (Amps)	Solar Panel Recommended (watts)
M63RS	390	4000	Yes	220			63	97	9,500	8,500			
M36RS	220	2500	Yes	110			36	54	9,300	8,600			
X18i	120	1300	Yes	110	12 V	Yes	18	24	10,000	7,800		1.4	180
X12i	90	500	Yes	110	12 V	Yes	12	16	9,100	7,700		1.1	120
X6i	60	240	Yes	110	12 V	Yes	6	9	9,500	6,700		0.7	60
X6	60	240	No	110	12 V	Yes	6	9	9,500	6,700		0.7	60
X3	30	120	No	110	12 V	Yes	3	4.5	11,400	6,200		0.29	30
3 J Solar System	30	120	No		12 V	Yes	3	4.5	11,400	6,200		0.29	30
X2	20	80	No	110	12 V	Yes	2	2.7	11,000	5,900		0.18	20
2 J Solar System	20	80	No		12 V	Yes	2	2.7	11,000	5,900		0.18	20
X1	10	40	No	110	12 V	Yes	1	1.4	9,800	5,300		0.095	10
1 J Solar System	10	40	No		12 V	Yes	1	1.4	9,800	5,300		0.095	10
SXS	5	20	No		12 V	Yes	0.5	0.63	9,500	4,600		NA	5
AN90	1.25	5	No		6 V, 12 V, D	Yes	0.12	0.16	8,000		4,500	.007 - .024	1
AN20	0.6	1	No		D		0.04	0.05	5,800		2,800	0.014	NA

Animal	Contain / Keep out	Fence Voltage (Recommended minimum)	Tape / Wire / Braid / Rope	Resistivity (W / km)	Voltage at distance (V):			
					Start of Fence - 0m	100 m	500 m	1000m
Beef Cattle	Contain	3,000	Extreme Wire White 660' (200 m) Roll	65	8,000	7,900	7,500	7,100
Dairy Cattle	Contain	2,000	Extreme Wire 1320' (400 m) Roll	65	8,000	7,900	7,500	7,100
Horses	Contain	3,000	Extreme Wire 2640' (800 m) Roll	65	8,000	7,900	7,500	7,100
Llamas	Contain	5,000	Extreme Tape 1/2" White 660' (200 m) Roll	65	8,000	7,900	7,500	7,100
Deer and Elk	Contain	5,000	Extreme Tape 1/2" White 1320' (400 m) Roll	65	8,000	7,900	7,500	7,100
Sheep	Contain	5,000	Extreme Tape 1 1/2" 660' (200 m) Roll	70	8,000	7,900	7,500	7,000
Goats	Contain	5,000	Extreme Braid 1/4" White 660' (200 m) Roll	100	8,000	7,800	7,300	6,700
Pigs	Contain	2,000	Extreme Rope 6mm white 660' (200 m) Roll	130	8,000	7,800	7,100	6,300
Pets	Contain	1,000	Premium Wire 1320' (400 m) Roll	4,500	8,000	4,200	1,500	800
Wild Hogs	Keep out	5,000	Polywire 660' (200 m) Roll	6,800	8,000	3,400	1,000	550
Wolves / Coyotes	Keep out	5,000	Polywire 1650' (500 m) Roll	6,800	8,000	3,400	1,000	550
Bears	Keep out	5,000	Polytape 12mm White 660' (200 m) roll	6,900	8,000	3,200	950	500

Tape - Ideal high visibility temporary fencing for horses, cattle and deer.

Braid - More visible, stronger and conductive than wire. Ideal for all livestock including horses.

Rope - Good visibility. Ideal for short distances. Suitable for use with sheep, goats, deer, cattle and horses.

Wire - Cost effective temporary fencing. Suitable for all livestock including sheep, goats and cattle.

Extreme - Ultimate conductivity and strength

Premium - Greater conductivity and strength

Poly - Effective conductivity and strength